

The logo for Newberry College features the name "Newberry College" in a white, serif font, centered within a red rectangular banner. Above the banner is a decorative horizontal line with a repeating square pattern.

Newberry College

2010-2011 Catalog



2100 College Street
Newberry, South Carolina
www.newberry.edu

The Lutheran College of the South Carolina, Southeastern,
Florida-Bahamas, and Caribbean Synods of the
Evangelical Lutheran Church in America

Chartered 1856

The Newberry College Catalog
is published annually
by the Office of Academic Affairs

The Catalog is available in both a printed/paper version
and an on-line version, available at the following web address:

<http://www.newberry-college.net/catalog/2010-11.pdf>

ALMA MATER

Though small nor rich
In wordly goods,
Our Alma Mater dear,
We bless thy name
Fresh crowned with fame,
In every passing year.

Oh, Newberry, we pledge to thee
Our hearts and hands this day;
Our love, our faith, our loyalty,
Hail, Scarlet and the Gray.
Our love, our faith, our loyalty,
Hail, Scarlet and the Gray.

When years have passed
And college days
Become but memories,
Though far or near
We'll all hold dear
Thy name, thy victories.

Where'er we go,
come weal or woe,
For thee we'll work and pray,
Thy loyal ones we'll ever hail,
The Scarlet and the Gray.
Thy loyal ones we'll ever hail,
The Scarlet and the Gray.

CATALOG and ANNOUNCEMENTS

2010-2011

MATRICULATION PLEDGE

In Good Faith:

Newberry College provides me with the services of its faculty and the use of its physical facilities and will confer a degree upon the satisfactory completion of all requirements.

In turn, I agree:

Upon my admission to Newberry College, to abide by the rules and regulations as announced by the College and I acknowledge myself subject to the authority and discipline of the College.

NEWBERRIAN CREED

As a Newberrian:

I will honor the code of honesty in my academic and social life.

I will respect the rights of every member of this community as a person and a creature of God.

I will actively support the rights of others as a keystone to ensuring the integrity of others as a place of free and open inquiry.

MISSION STATEMENT

Newberry College challenges and nurtures students for lifetimes of service and leadership through intellectual transformation, social development, a culture of physical well-being, and spiritual growth by providing a Christian education in the Lutheran tradition.

This *Catalog* is for information only and does not constitute a contract. The College reserves the right to change all fees, tuition, and costs of any kind without prior notice, and further reserves the right to add or delete any course offering or related academic information in this *Catalog* without notice.

DIRECTORY OF CORRESPONDENCE

| | |
|--|---|
| Academic Advisement | Office of Academic Affairs |
| Academic Programs | Dr. Wayne C. Kannaday, Vice President for Academic Affairs |
| Admission to the College | Ms. Julie M. Nelson, Senior Director for Enrollment Management |
| Adult Education (fast FORWARD Program) | Ms. C. Jessie Long, Director |
| Alumni & Church Relations | The Rev. John D. Derrick, Director |
| Archives | Dr. Gordon C. Henry, College Archivist |
| Athletics Program | Mr. Brad Edwards, Director for Intercollegiate Athletics |
| College Advancement | Mr. Charles Wendt, Vice President for Institutional Advancement |
| Disability Support Services | Ms. Kay Chandler, Director |
| Enrollment Management | Ms. Julie M. Nelson, Senior Director for Enrollment Management |
| Expenses & Tuition | Dexter Odom, Vice President for Business Affairs |
| Financial Aid | Ms. Missy Lutz, Director of Financial Aid |
| Food Service | Aramark |
| Library Services | Mr. Larry E. Ellis, Director |
| President of Newberry College | Dr. V. Scott Koerwer |
| Publicity, Marketing, & General Information | Ms. Sharon Lackey, Director |
| Religious Programming | Rev. Ernie Worman, Campus Pastor |
| Registration, Transcripts | Ms. Carol Bickley, Registrar |
| Residence Life | Mr. Josh Barnes, Director |
| Sports Information & Publicity | Mr. Josh Manck, Sports Information Director |
| Student Life & Housing | Mr. Carl Horn, Dean of Students |
| Summer School | Ms. Carol Bickley, Registrar |

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ACADEMIC CALENDAR 2010-2011

2010

FALL SEMESTER

| | |
|----------------------|--|
| July 30, Fri | Fall Semester 2010 - Financial Obligations Due |
| Aug. 18, Wed | Orientation for all Faculty and Academic Staff |
| Aug. 19, Thu | International Student Orientation |
| Aug. 20, Fri | Orientation and Residence Halls Open for New Students (Freshmen/Transfer) |
| Aug. 20-22, Fri-Sun | Band Camp |
| Aug. 21-22, Sat-Sun | Weekend of Welcome |
| Aug. 22, Sun | Freshman Worship Service |
| Aug. 23, Mon | Check-In for Returning Students Residence Halls Open for Returning Students |
| Aug. 24, Tue | Classes Begin at 8 a.m. |
| Aug. 25, Wed | Opening Worship Service-Wiles Chapel-10:00 a.m. |
| Aug. 26, Thu | Check-In Closes |
| Aug. 27, Fri | Opening Convocation-10:00 a.m., Wiles Chapel (FAL) |
| Aug. 25-31, Wed-Tue | Application for Degrees for Students Completing Course Requirements During Fall Semester |
| Aug. 30, Mon | Last Day to Change Classes |
| Sep. 6, Mon | Labor Day Holiday; No classes; Administrative Offices Closed |
| Sep. 7, Tue | Classes resume-8 a.m.; Administrative Offices Open-8 a.m. |
| Oct. 2, Sat | Homecoming |
| Oct. 6, Wed | Mid-Term |
| Oct. 13, Wed | Mid-Term Reports Due |
| Oct. 14-15, Thur-Fri | Fall Semester Break; No Classes (Food Service and Residence Halls Remain Open) |
| Oct. 15, Fri | Administrative Offices Closed |
| Oct. 18, Mon | Classes resume-8 a.m.; Administrative Offices Open-8 a.m. |
| Oct. 22, Fri | Last Day to Drop Classes |
| Nov. 1-19 | Registration for Spring Semester |
| Nov. 8-10 | Commission on Collegiate Nursing Education (CCNE) Visit |
| Nov. 12, Fri | Founders/Honors Convocation-10:00 a.m., Wiles Chapel |
| Nov. 23, Tue | Residence Halls Close at 5:00 p.m. (Thanksgiving Break begins after Tuesday Night Classes are Complete) |
| Nov. 24-26, | Thanksgiving Break for Students and Staff |
| Nov. 28, Sun | Residence Halls Open at 12:00 p.m. |
| Nov. 29, Mon | Classes resume-8 a.m.; Administrative Offices Open 8 a.m. |
| Dec. 1, Wed | Spring Semester 2010 Financial Obligations Due |
| Dec. 3, Fri | Fall Semester Classes End |
| Dec. 6, Mon | Reading Day |
| Dec. 7-10 | Final Exams (Tue, Wed, Thu, Fri) |
| Dec. 10, Fri | Residence Halls Close at 5:00 p.m. |
| Dec. 15, Wed | Commencement Rehearsal, 2:00 p.m. Wiles Chapel |
| Dec. 16, Thu | Commencement-2:30 p.m., Wiles Chapel |
| Dec. 17, Fri | Administrative Offices Close-4:30 p.m., Christmas Break |

ACADEMIC CALENDAR 2010-2011

2011

SPRING SEMESTER

| | |
|-----------------------|--|
| Jan. 3, Mon | Administrative Offices Open-8:00 a.m. |
| Jan. 10, Mon | New Student Orientation |
| Jan. 11, Tue | Check-In; Residence Halls Open at 8:00 a.m. |
| Jan. 12, Wed | Classes Begin |
| Jan. 14, Fri | Last Day to Check-In |
| Jan. 17, Mon | Martin Luther King Jr. Day of Service; No Classes; Administrative Offices Closed |
| Jan. 18, Tue | Classes Resume-8:00 a.m.; Administrative Offices Open-8:00 a.m. |
| Jan. 19, Wed | Last Day to Change Classes |
| Jan. 18-21, Tue-Fri | Application for Degrees for Students Completing Course Requirements During Spring Semester or Summer School |
| Mar 2, Wed | Mid-Term |
| Mar 4, Fri | Mid-Term Reports Due Residence Halls Close at 5:00 p.m. |
| Mar. 7-11 Mon-Fri | Spring Semester Break for Students |
| Mar. 9, Wed | Ash Wednesday |
| Mar. 10-11, Thu-Fri | Administrative Offices Closed; Spring Break for Staff |
| Mar. 13, Sun | Residence Halls Open at 12:00 p.m. |
| Mar. 14, Mon | Classes Resume-8:00 a.m.; Administrative Offices Open-8:00 a.m. |
| Mar. 18, Fri | Last Day to Drop Classes |
| Apr. 8, Fri | Awards Convocation-10:00 a.m., Wiles Chapel (FAL) |
| Apr. 4-15 | Registration for 2011 Fall Semester |
| Apr. 22, Fri | Good Friday; Offices Closed; No Classes |
| Apr. 25, Mon | Classes resume-8:00 a.m.; Administrative Offices Open-8:00 a.m. (Food Service and Residence Halls Open) |
| Apr 26, Tue | Spring Semester Classes End |
| Apr. 27, Wed | Reading Day |
| Apr. 28, 29, May 2, 3 | Exams (Thu, Fri, Mon, Tue) |
| May 3, Tue | Residence Halls Close at 5:00 p.m. |
| May 6, Fri | Commencement Rehearsal: 11:00 a.m., Eleazer Arena Jazz Concert, 2:00 p.m.; AMC Recital Hall |
| May 7, Sat | Baccalaureate-11:00 a.m., Wiles Chapel. Commencement-2:30 p.m., Eleazer Arena |

Chapel is held each Wednesday during Fall and Spring semester at 10:00 a.m. in Wiles Chapel.

Approved by Cabinet February 26, 2010

CALENDARS FOR 2011 MAY TERM AND SUMMER SESSIONS

| | |
|----------------------------|---|
| 2011 | MAY TERM (no Core or Major classes) |
| May 9, Mon | Check-In 10:00-noon; Residence Halls Open-10:00 a.m. Classes begin-1:00 p.m. |
| May 30, Mon June 3, Fri | Memorial Day Holiday; No classes; Administrative Offices Closed Classes End; Residence Halls Close-5:00 p.m. |
| 2011 | SUMMER I |
| May 31, Tue | Summer I Registration; Check-In-10:00-Noon; Residence Halls Open-10:00 a.m. Classes Begin-1:00 p.m. |
| July 1, Fri July 4, Mon | Classes End; Residence Hall Close-5:00 p.m. Offices closed for Independence Day |
| 2011 | SUMMER II |
| July 5, Tue | Summer II Registration; Check-In-10:00-Noon; Residence Halls Open-10:00 a.m. Classes Begin-1:00 p.m. |
| Aug. 4, Thu | Classes End; Residence Halls Close-5:00 p.m. |

CLASS SCHEDULES

Classes are scheduled to meet a minimum of 700 minutes for each semester hour of credit. Evening classes, labs, and lessons may be scheduled at times other than those listed below. The regular schedule for Fall and Spring Semester classes is as follows:

MONDAY/WEDNESDAY/FRIDAY REGULAR CLASS SCHEDULE

Monday (M), Wednesday (W), and Friday (F):

Weekly Chapel is scheduled on Wednesdays from 10:00-10:50 a.m.

| | | | |
|---------------|------------------|----------------|------------------|
| First Period | 8:00-8:50 a.m. | Fifth Period | 12:00-12:50 p.m. |
| Second Period | 9:00-9:50 a.m. | Sixth Period | 1:00-1:50 p.m. |
| Third Period | 10:00-10:50 a.m. | Seventh Period | 2:00-2:50 p.m. |
| Fourth Period | 11:00-11:50 a.m. | Eighth Period | 3:00-3:50 p.m. |

TUESDAY/THURSDAY CLASS SCHEDULE

Tuesday (T) and Thursday (H)

| | | | |
|---------------|-----------------------|---------------|-----------------|
| First Period | 8:00-9:15 a.m. | Fourth Period | 12:15-1:30 p.m. |
| Second Period | 9:25-10:40 a.m. | Fifth Period | 1:40-2:55 p.m. |
| Third Period | 10:50 a.m.-12:05 p.m. | Sixth Period | 3:05-4:20 p.m. |

CONVOCATION DAY CLASS SCHEDULE

| | | |
|---------------|-----------------------|-------------------------------|
| First Period | 8:00-8:50 a.m. | Regular Class Time |
| Second Period | 9:00-9:45 a.m. | Sixth Period 1:00-1:50 p.m. |
| Convocation | 10:00-11:00 a.m. | Seventh Period 2:00-2:50 p.m. |
| Fourth Period | 11:15 a.m.-12:00 p.m. | Eighth Period 3:00-3:50 p.m. |
| Fifth Period | 12:05-12:50 p.m. | |

A NEWBERRY COLLEGE PROFILE

Location: Newberry, South Carolina, a city of approximately 10,000, is four miles from Interstate 26 and forty miles northwest of Columbia, the state capital.

Chartered: 1856; first classes: 1859.

Support: A four-year liberal arts college supported by the South Carolina, Southeastern, Florida-Bahamas, and Caribbean Synods of the Evangelical Lutheran Church in America.

Degrees and Majors:

Bachelor of Arts (B.A.) with a major in one of the following fields: Art (Studio Art, Graphic Design); Church Leadership (Church Administration, Youth Ministry, Music Ministry, and Christian Education); Communications; English; History; Music (Applied Music: Instrument, Organ, Piano, or Voice; Church Music; Music Theory); Political Science; Psychology; Religion and Philosophy; Sociology; and Theatre (Acting, Directing, Technical Production).

Bachelor of Music (B.M.) in Performance.

Bachelor of Music Education (B.M.E.) in Choral or Instrumental Music Education.

Bachelor of Science (B.S.) with a major in Biology, Business Administration, Chemistry (Biology/Chemistry Concentration), Chemistry (Forensic Chemistry Concentration), Early Childhood Education, Elementary Education, Middle School Education, Mathematics, Nursing, Physical Education (Leisure Services, Sport Management, and Teacher Certification).

Minors are offered in: Art; Biology; Business Administration; Chemistry; Church Leadership; Church Leadership AIM; Church Music; Coaching; Communications; Computer Science; Creative Writing; Criminal Justice; Education; English; Environmental Science; Graphic Design; History; Jazz Studies; Mathematics; Military Science Leadership; Music; Philosophy; Physics; Political Science; Psychology; Religion; Sociology; Social Work; Spanish; Sport Management; Speech; and Theatre.

A Bachelor of Arts (B.A.), a Business Degree with a concentration in Organizational Management, is given through the *fastFORWARD* Program, a non-traditional program for adults.

A Bachelor of Science (B.S.) is also given through **cooperative dual-degree programs** with Duke University and Palmetto Baptist Medical Center.

Pre-Professional Programs are offered in seven fields: Dentistry; Law; Medicine; Nursing; Occupational Therapy; Pharmacy; and Physical Therapy.

Non-Major/Minor Programs/Courses of Study: Summerland Honors Program; Departmental Honors; Values Based Learning; Accounting; College Life; Economics; French; German; Geography; Greek; Humanities; Science; and Social Sciences.

Number of Students: 1,103 (Fall 2009)

Number of Faculty (full-time equivalent): 56

Campus size: 90 acres

Number of Buildings and Athletics Facilities: 31

Athletics Membership: NCAA Division II and South Atlantic Conference.

Accreditation: Newberry College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (SACS) to award Bachelor's Degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4501 for information concerning the accreditation of Newberry College. The Commission is to be contacted *only* if there is evidence to support an institution's significant non-compliance with a requirement or standard. Normal inquiries about admission requirements, financial aid, educational programs, etc., should be addressed directly to Newberry College and not to the Commission's office.

The Department of Education at Newberry College is accredited by the National Council for Accreditation of Teacher Education (NCATE) (www.ncate.org). This accreditation covers initial teacher preparation programs at Newberry College.

The Department of Music is accredited by the National Association of Schools of Music (NASM) (www.nasm.arts-accredit.org).

Career Services: The College maintains a centralized *Career Services Office*, which serves students, alumni, and prospective employers. Services are available to all who are working on degrees, or who have received degrees or certificates from Newberry College.

EARLY HISTORY OF THE COLLEGE

Newberry College celebrated 150 years of service and educational leadership to the Newberry community in South Carolina and to the Lutheran Church in the 2006-07 academic year.

Newberry's heritage began in 1828 at the annual meeting of the Lutheran Synod in South Carolina and Adjacent States—nearly thirty years before it was chartered as a college by the State of South Carolina. At the 1828 meeting, the Rev. John Bachman, President of the Synod, recommended the establishment of a seminary to train Lutheran ministers. The following year the Synod followed his advice and voted to establish a seminary and classical academy.

The new seminary-academy opened its doors in February 1831, near Pomaria, SC (about fifteen miles from the College's present location); it moved to neighboring Lexington in 1832 and remained there for twenty-four years.

In 1854 the Synod voted to make the institution a degree-granting college; in 1855 to move it to Newberry; and in 1856—just before the granting of the charter on December 20, 1856—to name it Newberry College. A preparatory department opened in 1858; the College and Seminary began operation in February 1859.

It prospered until the Civil War when nearly all the faculty and students were called into military service. At war's end, the only College building was occupied by federal troops. In 1868, as a result of the physical condition of the building, the military occupation, and the depletion of the endowment funds, the College faced a severe financial crisis. St. John's Lutheran Church in Walhalla, SC, in the extreme northwestern corner of the state, offered the College a new home and the offer was accepted. In 1877, through the efforts of Newberry residents, the College returned to its original site in Newberry. The first building on the Newberry College campus, built in 1858, was razed in 1877. The present Smeltzer Hall was built on its site the same year.

The Synod discontinued operating the seminary for several years, but in 1872 reopened it at Roanoke College, Salem, VA. In 1884 the Seminary returned to Newberry where it remained until 1898. That year the seminary moved to Mt. Pleasant, SC, and in 1911 to its present location in Columbia, SC.

The College has maintained its association with the Lutheran Church. Today Newberry is related to the South Carolina, Southeastern, Florida-Bahamas, and Caribbean Synods of the Evangelical Lutheran Church in America (ELCA).

Visit the Newberry College website for additional information: <http://www.newberry.edu>

GENERAL INFORMATION

NEWBERRY'S CAMPUS

Newberry College's 90-acre, wooded campus is located less than a mile from local shopping areas in Newberry, SC. The College's thirty-one buildings and athletic facilities are well-equipped to serve student needs. The College centers on a quadrangle heavily planted with azaleas, camellias, various shrubs and trees.

Conveying special charm to the quadrangle are four campus buildings listed in the *National Register of Historic Places*: Smeltzer Hall-built in 1877, Keller Hall-built in 1895, Holland Hall-built in 1904, and Derrick Hall-built in 1921. These four buildings ring three sides of the quadrangle. Derrick Hall houses the *Office of Student Affairs*, Residence Life, and Career Services on the first floor and housing on the second and third floors. The *President's Office*, the *Academic Affairs Office*, the *Admissions Office*, *Financial Aid*, the *Business Office*, the *College Archives Office*, *Information Technology*, and the *Registrar's Office* are located in Holland Hall.

On the fourth side of the quadrangle are the McClurg Center for Teaching and Learning, the Langford Communications Center, and Wessels Library. The Langford Communications Center has state-of-the-art communications facilities including radio and television studios from which the College broadcasts to Newberry County communities. The McClurg Center, and the nearby Science and Mathematics building, house classrooms, seminar rooms, science and computer laboratories, art studios, and offices.

Wessels Library houses a comprehensive collection of books, periodicals, and non-print materials. Through online databases and Inter-Library Loan arrangement, students have access to research materials throughout the nation. In the Library's Special Collections Room are many historical documents relating to the college, Lutheranism and to the local area as well as a special facsimile of the *Book of Kells*.

The Dufford Alumni House is a lovely restored home which houses the *Offices of Alumni and Church Relations*. The house is used for alumni events and meetings.

The Darrow Naval Trainee House, located at 1814 College Street, is a gift from a former navel trainee. During the early 1940's, Newberry College partnered with the US Navy to train deck and flight officers. To honor these trainees and their importance to the history of Newberry College, a museum has been established in the Darrow House. The house is also home to the *Offices of Institutional Advancement, Marketing, and Public Relations*.

One of the most easily visible buildings is Wiles Chapel with its soaring steeple, neo-gothic design, and neo-impressionistic stained glass windows. It houses a 1,000-seat chapel where convocations and interfaith services are held. Downstairs in the chapel is a 165-seat theatre in which theatrical productions are held.

Two other important buildings for learning include the Alumni Music Center and the Physical Education Complex. The Alumni Music Center houses a 150-seat recital hall; practice rooms; a state-of-the-art computer lab with Roland keyboards; a choral rehearsal room; a band room; offices; and classrooms. The Physical Education Complex has a 1,600-seat basketball arena; racquetball courts; stress lab; offices; and classrooms. Other athletic facilities include a new baseball complex completed in 2008; the 4,000-seat football stadium, Setzler Field; soccer and softball playing fields; lighted tennis courts; and the John F. Clarkson outdoor swimming pool.

The O. L. Casey Student Center adjoins the swimming pool and the Physical Education Complex, the Casey Meeting Room, the Presidential Dining Room, and the Athletic Club. The Student Center houses the Physical Education faculty offices.

The Weber Campus Ministry House, located next to Brokaw Hall, provides a gathering place for campus religious organizations to meet and for students to conduct *Bible* studies and hold events.

The Summerland Honors House provides a place where students share their views about a number of liberal arts issues.

Since campus living is an integral part of a college education, Newberry encourages all students to live on campus unless they are married or residing with family members. Five residence halls offer facilities for men and women. The oldest (Smeltzer Hall built in 1877) and the newest (East Hall built in 2006) buildings on campus are residence halls in addition to Brokaw, Cromer, Derrick, and Kinard. Each hall has lounges and study areas in addition to student rooms.

Meals are served daily in Kaufmann Hall where the Post Office, the College Bookstore, Snack Bar, and Game Room are also located.

ACCREDITATION

Newberry College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (SACS) to award bachelor's degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097 or call 404-679-4500 for questions about the accreditation of Newberry College. The Commission requests that it be contacted only if there is evidence of significant non-compliance with a requirement or standard. Please visit the SACS-COC website (<http://www.sacscoc.org/>) for further information on Principles of Accreditation.

The Department of Education at Newberry College is accredited by the National Council for Accreditation of Teacher Education. This accreditation covers initial teacher preparation programs at Newberry College. NCATE is recognized by the U.S. Department of Education and the Council for Higher Education Accreditation to accredit programs for the preparation of teachers and other professional school personnel. Please visit the NCATE website (<http://www.sacscoc.org/>) for further information about accreditation requirements.

The Department of Music is accredited by the National Association of Schools of Music (NASM). Please visit the NASM website (<http://nasm.arts-accredit.org/>) for further information about accreditation requirements.

Accreditation compliance reports, self-studies quality enhancement plans, and letters of notification of accreditation status are on file in the Office of Academic Affairs.

Newberry College is also a member of the Council of Independent Colleges; the American Association of Colleges for Teacher Education; the National Lutheran Educational Conference of North America; the South Carolina Association of Colleges and Universities; the South Carolina Independent Colleges and Universities, Inc.; and the National Collegiate Athletic Association (Division II), and South Atlantic Conferences.

The Office of Assessment, Accreditation, and Institutional Research, under the supervision of the Office of Academic Affairs, coordinates all accreditation activities for Newberry College. For further information on the accreditation of Newberry College, please contact accreditation.liaison@newberry.edu.

WESSELS LIBRARY

The heart of any academic institution is its library. The Wessels Library was dedicated in 1954 in memory of Frederick S. Wessels, Sr., a former trustee and long-time friend of Newberry College. The library was extensively renovated in 1986 and subsequently expanded in 1990 during the construction of the adjoining Langford Communications Center.

Students conducting research in the Wessels Library enjoy access to more than 84,874 books and 1,998 sound and video recordings. The library also subscribes to 136 print magazines, scholarly journals, and newspapers.

In addition, a variety of subscription databases and online journals provided by Wessels Library, the State Library's DISCUS program, and the Partnership Among South Carolina Academic Libraries (PASCAL) can all be accessed from the library's web site. Also on the web site is the library's searchable online catalog, where students can discover both traditional and electronic books in the library's collection.

Computer workstations are provided on the library's main floor for student use, and wireless internet access is available throughout the entire facility. Library users also have off-campus access to the library's online catalog and electronic databases from the Wessels Library homepage.

Other materials may be found in the Curriculum Collection, which is maintained in support of Newberry College's teacher education program, and the Special Collection Room, which houses a wealth of historical materials on South Carolina, the Lutheran church, and Newberry College.

When engaged in research, students at Newberry College may require materials in addition to those in the library's collection. Many items not available in Wessels Library may be obtained through PASCAL Delivers, a rapid book delivery service; the PASCAL Visiting Patron program, which provides students with on-site borrowing privileges in other PASCAL member college and university libraries; or through Interlibrary Loan from institutions outside of South Carolina.

Perhaps the most valuable resource to be found in the Wessels Library is its dedicated staff of librarians, clerks, and student workers. Together they work to assist students with their research. Among the many useful services they provide are reference assistance, interlibrary loan, group and individual instruction in research methods and the use of library resources, and the maintenance of a variety of computer-accessed databases for student use.

INFORMATION & INSTRUCTIONAL TECHNOLOGY

The *Office of Information Technology*, 104 Holland Hall, is the principal planning, supervisory, consultation, and support office for all forms of electronic Information Technology on campus.

Newberry College has a fiber optic network connecting all academic and administrative buildings and residence halls. The College also provides high-speed Internet access.

All faculty offices and classrooms and all residence halls are equipped with network connections.

Computer labs are in Room 107 of the McClurg Center, second floor of the Alumni Music Center, Wessels Library, and the Academic Skills Center

The campus is covered by a wireless network in which Internet access is available to all students with their own computers with wireless capability. Students who purchase laptops from the College (required for all in-coming freshmen) will also have access to secure wireless network resources.

Newberry College offers all students (required for all in-coming freshmen) an opportunity to purchase a specially configured laptop computer with a current version of Microsoft Windows and the Microsoft Office software suite preinstalled, plus other software necessary for secure access to the College network. Also included in the price of the computer are support, service and software upgrades while the student is enrolled at Newberry College.

All students are provided with an e-mail account through which they can communicate with faculty, staff and other students, as well as family and friends. This account is available year-round, as long as the student is registered at Newberry College. Students are able to access their College e-mail accounts via web mail while they are away from the campus.

Most classrooms on campus are equipped with instructional technology for use by instructors in presenting course material. A number of classrooms also have interactive white boards and other advanced capability. Instructor/student interaction in all courses taught in the teacher education program, and an increasing number of other courses in other majors, is augmented by a state-of-the-art, web-based course management system (CMS). In such courses, assignments are made to students and their work presented to instructors electronically. Student work is also assessed and feed-back provided to students on line.

ACADEMIC CALENDAR

Newberry College operates on a two-semester academic calendar consisting of two sixteen-week terms. The fall term begins in late August and ends before Christmas; the spring term extends from January to early May.

The Newberry College Summer Session offers three distinct programs: two five-week terms of Summer School from late May to mid-August; the May Term; and Workshops.

The summer schedule offers an opportunity to students from Newberry and other colleges who wish to begin their college work early to accelerate their progress, or to make up work. The schedule also offers teachers an opportunity to renew their certificates and credentials.

CAMPUS SECURITY

The *Student Right-To-Know and Campus Security Act* of 1990 (P.L. 101-542) and the *Higher Education Technical Amendment* of 1991 (P.L. 102-26) requires all information be available to students and prospective students and employees/prospective employees upon request. Title I of this act is known as the *Student Right-To-Know Act* and Title II is known as the *Crime Awareness and Campus Security Act*.

Statistics on campus crime are compiled annually by the Newberry College *Office of Student Affairs* and can be found online at the Newberry College homepage under the Security section of the Student Affairs link.

Newberry College Campus Security Office is located in Brokaw Hall, extension 321-5600.

ASSURANCE OF COMPLIANCE

Newberry College has filed with the Federal Government an *Assurance of Compliance* with all requirements imposed by or pursuant to Title VI of the *Civil Rights Act* of 1964 and the Regulation issued thereunder: “to the end that no man or woman in the United States shall, on the ground of race, color, national origin, sex or physical or mental disability be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity of an institution receiving Federal financial assistance.” Under this Assurance, this institution is committed not to discriminate against any person on the grounds of sex, race, color or national origin in its admission policies and practices or any other policies and practices of the institution relating to the treatment of students and other individuals, including the provision of services, financial aid and other benefits, and including the use of any building, structure, room, space, materials, equipment, facility, or other property.

Newberry College is committed to equal opportunity in employment and education and does not discriminate on the basis of sex, race, color, religion, national origin, age, or qualified disabled persons. Newberry College admits men and women students of any race, color, and national or ethnic origin.

Newberry College is in compliance with Title IX of the *Higher Education Act* of 1972; Title VI and Title VII of the *Civil Rights Act* of 1964; and Section 504 of the *Rehabilitation Act* of 1973, as amended; the Americans with Disabilities Act, as amended; the *Student Right-to-Know and Campus Security Act* of 1990; and the *Higher Education Technical Amendment* of 1991.

Newberry College is authorized under Federal law to enroll nonimmigrant alien students. Of those students that entered in the fall of 2003, 42.2 percent graduated by August 2009.

CONFIDENTIALITY OF RECORDS

Newberry College practices strict confidentiality of all student records and files. Records are maintained for the benefit of students and the institution; but the records are held in the strictest safeguards by the College. This policy guarantees privacy of student records in keeping with the best traditions of higher education and in compliance with the *Family Education Rights and Privacy Act* (FERPA) of 1974, and the *Family Personal Privacy Act* of 2002.

ADMISSION TO THE COLLEGE

ADMISSION PROCEDURES AND POLICIES FOR FRESHMEN

Newberry College's personal attention to students begins with the recruitment and admission processes. Initial contacts with the College are usually made at high school or college fair visits; however, an official campus visit, including a guided tour and personal admission interview, are essential for each student prior to enrollment. The following materials should be submitted to the *Office of Admissions* at the conclusion of the junior year or early in the senior year of high school:

- Application for admission with fee of \$30.00 for the paper version or \$25.00 on-line.
- Official transcript(s) of high school records.
- Official score reports of either the ACT or SAT.

Certification of graduation from an approved secondary school is required prior to enrollment. Under special circumstances, the General Educational Development (GED) test is accepted. Students should present an average score of forty-five (45) on all tests with no individual scores lower than forty (40).

Degree-seeking freshmen who are twenty-five years of age or older, and applying for the regular day program, are exempt from submitting SAT/ACT scores. High school transcripts or acceptable GED scores are still required. Additionally, a personal admissions interview to assess the student's qualifications, motivation and recent history may be required.

THE APPLICATION

Newberry College specifies no application deadline; a rolling admissions practice is observed. Therefore, applicants are notified of their status as soon as the application for admission, and all necessary supporting materials, are received and evaluated. Those who are interested in attending Newberry College are encouraged to apply early in the senior year of high school; however, academically proficient juniors may apply with the understanding their admission will depend upon successful completion of the senior year. Application forms can be requested by contacting the *Office of Admissions*:

- Telephone: 1-800-845-4955, Ext. 5127
- Email: admissions@newberry.edu
- Website: (<http://www.newberry.edu>)

Students are either admitted as degree-seeking or non-degree students. Non-degree students should refer to page 20, "Special Students."

DETERMINATION OF ADMISSIONS STATUS

The Director of Admissions determines the admission status of all applicants to Newberry College, taking into consideration the following:

- Type of curriculum attempted
- Grade point average on academic subjects
- ACT or SAT score report
- High school rank
- Extra-curricular activities
- Other relevant factors (e.g., part-time employment, community service, volunteerism, etc.)

Students whose academic records do not meet the minimum admissions standards may be selected by the Admissions Committee for conditional admission to the College. They must be students who show a strong desire to attend Newberry College and have the aptitude to complete the four-year college program, but have a minor shortcoming in their preparatory work. In cases of denial, applicants are encouraged to strengthen their academic records before reapplying to the College. Decisions will be issued as soon as possible with prompt notification to the applicant. Acceptance of the applicant is always contingent upon successful completion of course work in progress. Following high school graduation, an additional official final transcript bearing the date of graduation is required.

COLLEGE PREPARATORY STUDY

An applicant for freshman admission in either the Fall or Spring Semester must present a school transcript indicating a 2.0 or better grade point average (GPA) on a 4.0 scale for a minimum of fourteen (14) academic or college preparatory subjects from ninth through twelfth grades. The fourteen academic units are as follows:

- English, four units
- Mathematics, three units
- Sciences, two units (typically lab sciences)
- Social Studies, two units
- Three additional units from any listed above, foreign language, or non-doctrinal religion/philosophy

THE ENTRANCE EXAMINATIONS

The College requires score reports to be submitted from either the ACT or SAT for freshman admission review. Score reports of these examinations are received and processed with equal validity and without preference. Newberry College recommends college preparatory students take either or both of the examinations during the spring of the junior year or early fall of the senior year in high school. Score reports should be sent to the *Office of Admissions*. The Newberry College ACT code is “3870” and the SAT code is “5493.”

VISITING THE CAMPUS

Prospective students are strongly encouraged to visit the campus. The *Office of Admissions* in Holland Hall is open weekdays from 8:30 a.m. to 5:00 p.m. EST and on select Saturday mornings (call to set the appointment). A guided tour of the 90-acre campus and its major facilities will take about one hour; this can, of course, be adjusted according to individual needs and time limitations.

Although walk-in visitors are welcome, the *Office of Admissions* can design an itinerary specifically suited to the prospective student’s needs and interests with advance notice. Tour times are available in the mornings or afternoons. Please call to select a time or request the visit via our website www.newberry.edu. Plan to arrive at least fifteen minutes prior to your scheduled tour time. Appointments for official campus visits, guided tours, and admissions interviews may be requested via our website (admissions@newberry.edu), by telephone (1-800-845-4955; 1-803-321- 5127); or by writing to: Newberry College, *Office of Admissions*, 2100 College Street, Newberry, SC 29108.

THE ADMISSIONS INTERVIEW

This important part of the admission procedures should be regarded more as a conversation than an interview. In addition to reviewing the academic record, the Admissions and Financial Aid Counselor will use this valuable time to evaluate the prospective student’s needs, goals, and interests. Comfortable and neat school attire is always acceptable for campus visits. Thirty minutes is usually considered adequate time for the interview.

LETTERS OF RECOMMENDATION

Although not required, letters of endorsement and recommendation from high school guidance counselors, principals, headmasters, instructors, pastors, employers, and/or Newberry College alumni are welcome. These will be added to the applicant’s file and are especially useful when extenuating circumstances have affected academic performance. Letters of recommendation are also required for certain scholarship awards.

CONCURRENT ENROLLMENT

For high school students who live within reasonable commuting distance of the campus, Newberry College offers the availability of certain college courses. To qualify, the high school student must have an overall “B” average (3.0 on the 4.0 scale), acceptable SAT or ACT scores, and a recommendation from a high school administrator.

ADVANCED PLACEMENT EXAMINATIONS

Students who score three (3) or higher on the final examinations of Advanced Placement (AP) courses of The College Board will receive appropriate college credit in the academic area tested.

During the pre-college orientation program prior to enrollment, a student's SAT or ACT Score is used to estimate a student's English reading and grammar comprehension. This includes students who submit AP scores as described above or who have successfully completed (with a grade of "C" or higher) college English.

| Exam | Score | Credit for |
|---------------------------|--------------|----------------------------------|
| Biology | 3 or higher | BIO 121 |
| Chemistry | 4 | CHE 113 |
| Chemistry | 5 | CHE 113 and CHE 114 |
| Economics | 3 or higher | ECO 210 or 220 (depends on test) |
| English (Lang/Comp) | 3 or higher | ENG 111 |
| English (Lit/Comp) | 3 or 4 | ENG 112 |
| English (either exam) | 5 | ENG 111 & ENG 112 |
| French | 3 or higher | FRE 101 & FRE 102 |
| German | 3 or higher | GER 101 & GER 102 |
| Government and Politics | 3 or higher | POS 121 |
| History (European) | 3 or higher | HIS 111 & HIS 112 |
| History (United States) | 3 or higher | HIS 121 & HIS 122 |
| Mathematics (Calculus AB) | 3 or higher | MAT 150 & MAT 211 |
| Mathematics (Calculus BC) | 3 or higher | MAT 150, MAT 211, & MAT 212 |
| Music Theory | 4 | MUS 171 & MUS 173 |
| Music Theory | 5 | MUS 171, MUS 172, & MUS 173 |
| Physics B | 3 or higher | PHY 101 & PHY 102 |
| Psychology | 3 or higher | PSY 120 |
| Spanish | 3 or higher | SPA 101 & SPA 102 |
| Statistics | 3 or higher | MAT 200 |

INTERNATIONAL BACCALAUREATE PROGRAM

Newberry College recognizes the competitive nature of the International Baccalaureate (IB) program. The following table indicates course credits awarded for scores on IB Examinations. Students wishing to receive credit must request examination results be sent to the *Office of Admissions* at Newberry College.

| Higher Level IB Examination | Course Credit IB Score of 4 | Course Credit IB Score of 5, 6 or 7 |
|------------------------------------|--|--|
| Biology | BIO 101 | BIO 101 & 102 |
| Chemistry | CHE 113 | CHE 113 & 114 |
| Economics | —— | ECO 210 & 220 |
| English | ENG 111 | ENG 111 & 112 |
| Mathematics | MAT 211 | MAT 211 & 212 |
| Physics | PHY 101 | PHY 101 & 102 |
| Psychology | PSY 120 | PSY 120 |

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

Newberry College welcomes a variety of students of all ages to our campus, some of whom already bring a depth of knowledge about certain specific subjects. We recognize, honor and award credit for such knowledge by accepting the full range of College-Level Examination Program (CLEP) tests. Students taking examinations will pay \$77.00 for each examination (fees are subject to increase). Assuming an acceptable grade (see list below) is attained on a CLEP examination, Newberry College grants full degree credit. On the basis of an acceptable score, all CLEP credits will be accepted for transfer students. Credit for English 112 (Introduction to Literature and the Research Paper) will not be awarded to students who complete the CLEP examination in English. The web-site for CLEP is <http://www.collegeboard.com/student/testing/clep/about.html>.

Subject Examinations

| <u>Business</u> | <u>Credit</u> | <u>Credit Granting Score</u> | <u>Score Replaces</u> |
|--|---------------|------------------------------|---------------------------------------|
| Info. Systems & Computer Applications | 3 | 52 | CSC Elective |
| Principles of Management | 3 | 46 | BUA 360 |
| Principles of Accounting | 3 | 45 | ACC 210 |
| Intro. to Business Law | 3 | 51 | BUA 210 |
| Principles of Marketing | 3 | 50 | BUA 320 |
| <u>Composition & Literature</u> | | | |
| American Literature | 6 | 46 | ENG 231, ENG 232 |
| Analysis & Interpretation of Literature | 3 | 47 | ENG Elective |
| Composition, Freshman | 3 | 44 | ENG 111 |
| English Literature | 6 | 46 | ENG 221, ENG 222 |
| <u>Foreign Languages</u> | | | |
| French, Level I | 6 | 42 | FRE 101, FRE 102 |
| French, Level II | 12 | 45 | FRE 101, FRE 102, FRE 201, FRE 202 |
| German, Level I | 6 | 36 | GER 101, GER 102 |
| German, Level II | 12 | 42 | GER 101, GER 102, GER 201, GER 202 |
| Spanish, Level I | 6 | 45 | SPA 101, SPA 102 |
| Spanish, Level II | 12 | 50 | SPA 101, SPA 102, SPA 201, SPA 202 |
| <u>History & Social Sciences</u> | | | |
| American Government | 3 | 47 | HIS Elective |
| American History: Early Colonizations to 1877 | 3 | 47 | HIS 121 |
| History of U.S. II: 1865 to the Present | 3 | 46 | HIS 122 |
| Human Growth & Development | 3 | 45 | EDU 230 |
| Intro. to Educational Psychology | 3 | 47 | PSY Elective |
| Principles of Macroeconomics | 3 | 44 | ECO 210 |
| Principles of Microeconomics | 3 | 41 | ECO 220 |
| Intro. Psychology | 3 | 47 | PSY 120 |
| Intro. Sociology | 3 | 47 | SOC 101 |
| Western Civilization I: Ancient Near East to 1648 | 3 | 46 | HIS 111 |
| Western Civilization II: 1648 to the Present | 3 | 47 | HIS 112 |

Subject Examinations

| | <u>Credit</u> | <u>Credit Granting Score</u> | <u>Score Replaces</u> |
|--|---------------|--------------------------------------|---------------------------|
| <u>Science & Mathematics</u> | | | |
| Calculus with Elementary Functions | 8 | 41 | MAT 211, MAT 212 |
| Algebra | 3 | 46 | MAT 099 |
| Trigonometry | 3 | 50 | MAT Elective |
| Algebra-Trigonometry | 4 | 45 | MAT 150 |
| General Biology | 8 | 46 | BIO 101 & BIO 102 |
| General Chemistry | 8 | 47 | CHE 113 & CHE 114 |

The scores appearing in Newberry College's policy are also the credit-granting scores recommended by the American Council on Education (ACE).

ACADEMIC CREDIT FOR LIFE EXPERIENCE

Newberry College offers academic credit for subject matter of life experience that corresponds to the content of specific courses listed in this catalog.

Academic Credit for Life Experience Based Upon Demonstrated Competence may be found on page 56.

ACADEMIC SCHOLARSHIPS FOR FRESHMEN

Newberry College offers three achievement-based scholarship programs for incoming freshmen. These are designed to recognize and reward outstanding high school graduates who plan to enroll in degree programs at Newberry College. While not mandatory, distinguished achievements in areas such as the following will enhance a student's candidacy: Art; Athletics participation; Cheerleading; Marching; Jazz Big-Band or Combo, and Concert Band; Club participation; Communications (Newspaper, Yearbook, Radio, Television, etc.); Community Service; Creative Writing; Debate/Forensics; Leadership; Music, Science or Mathematics competitions; Theatre; Religious activities; Scouting; or other youth organizations.

The SAT scores used to determine eligibility for scholarships are computed using the Critical Reading and Math sub scores only. These scholarships are not stackable. If a student is awarded a higher scholarship based on improved test scores, the higher scholarship will replace the one that was previously awarded.

The **Newberry Palmetto Scholar** exhibits a strong academic record, class rank within the top six percent, with at least a 3.5 GPA, and an average combined SAT score of 1200 on the critical reading and math portions (27 ACT). In addition, Palmetto Scholars are selected for the South Carolina Palmetto Fellows Scholarship, which is awarded by the SC Commission on Higher Education. Up to fifteen Palmetto Scholars are named each year. A student who is a recipient of this award may receive up to full tuition, fees, standard room, and board per academic year, renewable for four years by continuing to meet the requirements for the SC Palmetto Fellows Scholarship.

The **Trustees Scholar** exhibits a strong academic record, class rank usually in the top ten percent, with at least a 3.5 GPA, and an average combined SAT score of 1400 on the critical reading and math portions (32 ACT). Applications are reviewed on an individual basis by the Committee on Scholarships to determine a candidate's eligibility. A student who is a recipient of this award may receive up to full-tuition per academic year, renewable for four years by maintaining at least a cumulative 3.5 GPA.

The typical **Founder's Scholar** exhibits a strong academic record, class rank usually in the top ten percent, with a 3.5 GPA, and an average combined SAT score of 1200 on the critical reading and math portions (27 ACT). Applications are reviewed on an individual basis by the Committee on Scholarships to determine a candidate's eligibility. A student who is a recipient for this award may receive up to \$12,000 per year, renewable for four years by maintaining at least a cumulative 3.3 GPA.

(Scholarships continued on next page)

Students considered for the **Presidential Achievement Award** also have strong academic records and programs and usually rank in the top twenty per cent of their class, have an average combined SAT score of 1100 on the critical reading and math portions (24 ACT), and a 3.0 GPA. A student who is a recipient for this award may receive up to \$10,000 per year, renewable for four years by maintaining at least a cumulative 3.0 GPA.

The **Newberry Scholar Award** is available to outstanding rising high school seniors who have been nominated by their High School Guidance Counselor and selected by the Newberry Scholar Committee. Typically, Newberry Scholars have at least met the requirements of our Presidential Award, although many of them are eligible to compete for the Trustees and Founders Awards. (one scholarship to be awarded at the given level of achievement...the Newberry Scholar Award is not given in addition to the Trustees or Founders) The Newberry Scholar Award is worth \$8,500 per year and is renewable for 4 years provided that students maintain a minimum GPA of 2.5. The award is granted upon matriculation to Newberry College.

The **Newberry Leader Award** is available to students who have attended Palmetto Boys & Girls State, or who have been nominated by their High School Guidance Counselor and selected by the Newberry Leader Committee, and have met the requirements for unconditional acceptance to Newberry College. The award is worth \$8,500 annually and may be renewed by maintaining a GPA of 2.00. The award is granted upon matriculation to Newberry College.

The **Newberry College Dean's Scholarship** is offered to students who exhibit a strong academic record and test scores. The Dean's Scholarship ranges from \$4,000 - \$8,000 and may be renewed for four years by maintaining a 2.5 GPA.

ADVANCE DEPOSITS

Students who are accepted for admission to Newberry College are asked to confirm their intention to enroll by remitting an advance deposit of \$300. Of this deposit, \$125 is the orientation fee and \$175 is used as a tuition deposit for day students or a housing security fee for resident students. The \$175 deposit will remain on account as long as the student is enrolled.

For students entering the fall semester and summer sessions, the deposit is nonrefundable after May 1. For those entering the spring semester, the deposit is nonrefundable after December 1.

PHYSICAL EXAMINATION

All new students are advised to have a physical examination prior to enrollment at Newberry College. An official Student Medical Form, furnished by the *Office of Student Affairs* upon receipt of the enrollment deposit, must be completed prior to New Student Orientation.

Along with the medical form, students must submit an immunization form with proof of currently required vaccinations and provide proof of health insurance.

APPLICATION FOR TRANSFER ADMISSION

Students who seek to transfer to the College after attending another regionally accredited college or university must submit an application with the required fee and satisfy all requirements for transfer admission as described below.

A minimum of a cumulative "C" average on all college-level study attempted must have been attained. This is a cumulative grade point average (GPA) of 2.0 or better on a 4.0 scale. Grades and grade points for study previously attempted at Newberry are not included in a transfer application review for readmission. A transfer applicant must be a student in good academic standing. Neither probation nor suspension can be in effect at the previous college or university attended or currently now attending.

Transcripts of all previously attempted or current studies must be submitted and evaluated before an application review can be conducted. It is the responsibility of the transfer applicant to arrange for the official transcript(s) to be mailed to the *Office of Admissions* at Newberry. Approved courses and credit hours transfer; grades and grade points (quality points) do not transfer. Typically, college-level study from post-secondary institutions neither regionally accredited nor in candidacy for regional accreditation is not transferable to the College. However, the College Registrar may review collegiate course work on a case-by-case basis for potential transfer credit.

Applicants who have completed fewer than twenty-four semester hours (or thirty-six quarter hours) of college-level study must also submit a secondary school transcript, an ACT or SAT score report, and must satisfy all requirements for freshman admission. The Registrar will not evaluate transcripts until the applicant has been officially admitted and the final transcripts have been received.

ADDITIONAL GUIDELINES FOR TRANSFER APPLICATIONS

A maximum of seventy-two semester hours will be accepted toward graduation for students transferring directly from junior, technical, or community colleges. A minimum of twenty-one semester hours in the major, and eight hours in the minor, must be completed at Newberry College, and students must complete the last thirty-two hours at Newberry College. Courses taken at the junior college level will not substitute for 300- and 400-level courses required in the major program at Newberry College, except by petition and departmental approval.

For the student transferring directly from another senior-level (four-year) college or university, a minimum of twenty-five percent of the semester hours of credit must be completed at Newberry College and at least twelve semester hours in the major.

All courses that can be applied to the Newberry College degree will be accepted from regionally accredited institutions, provided the applicant has a grade of “C” or higher at the previously attended institution. (The College Registrar may review all collegiate coursework presented on a case-by-case basis for potential transfer credit.)

Newberry College reserves the right to determine whether any particular course meets the requirements and standards of the College for transfer. Although a course may transfer, it may not apply directly to a particular major or program.

SCHOLARSHIPS FOR TRANSFER STUDENTS

Transfer students who have earned at least a 2.5 GPA on the 4.0 scale, and who have earned at least eighteen semester hours of credit, will be eligible for consideration for the **Newberry College Transfer Scholarship**. Applicants will be screened by the Financial Aid Committee. The value of the Transfer Scholarship ranges from \$3,000 to \$7,000 and is renewable if the student maintains at least a 2.5 GPA and remains a student in good standing.

Students who are members of the Phi Theta Kappa honor society should apply for the **Phi Theta Kappa Scholarship** through the College’s financial aid website. One recipient will be selected each year from all qualifying applicants to receive a scholarship equivalent to the cost of tuition and standard fees. This scholarship is renewable as long as the student maintains a 3.5 GPA.

Students can be nominated for the **Newberry College Collegiate Scholarship** by transfer counselors at technical colleges. Counselors are able to nominate up to five students per school. Students must have earned at least a 3.0 GPA on the 4.0 scale and earned at least 30 semester hours of credit to qualify. This scholarship is renewable as long as the student maintains a 3.0 GPA.

In addition, transfer students may be eligible for federal, state, and Newberry College scholarship funds as part of their student aid award package. Further information can be obtained from the *Office of Admissions and Financial Aid*.

ADMISSION PROCEDURES AND POLICIES FOR INTERNATIONAL STUDENTS

Newberry College welcomes students from countries outside the United States. International students are valued for the great cultural resources they bring to the Newberry College community.

International applicants for both freshman and transfer admission must submit the following:

- Application for Admission
- Scores from the SAT or ACT (freshmen and transfer students with fewer than 24 credits).
- Scores from the TOEFL (Test of English as a Foreign Language). A TOEFL score of 71 on the internet based exam, 525 on the paper version, or 197 on the computer version are generally required. The test may be waived for students from countries where English is the primary language. Students choosing to take the APIEL (Advanced Placement International English Language Exam) should score at least a 3.
- Transcript evaluation from either WES (World Education Services www.wes.org) or ECE (Educational Credential Evaluators) for all foreign transcripts. Applicants should submit a preliminary evaluation to avoid any confusion over acceptance about coursework and grades. They must submit a final evaluation that shows final high school or college grades and the level of degree earned.
- Affidavit of Support and a notarized bank statement showing the student has enough financial sponsorship for the cost of the upcoming academic year. The College cannot assume responsibility for changes in national policy relating to funds transfer outside the student's native country.

International students should apply for admission well before their anticipated date of enrollment because of the delay involved in international communications and the time-sensitive nature of obtaining the student visa.

SPECIAL STUDENTS

Students enrolled for academic credit who are not degree-seeking students will be classified as "Special Students."

Students who are non-degree seeking are not eligible for financial aid under federal regulations. Special Students are usually concurrent high school students; students seeking teacher certification only; or any students who want to just take a course for their own self-improvement or enjoyment. In order to move from Special Student to degree-seeking student status, a student must be granted regular admit status by the Director of Admissions at least one week prior to the start date for the term in which they plan to enroll.

ADMISSION FOR THE SUMMER SESSION

Two terms of five weeks each are offered in the College's Summer Session. Students may enter college as freshmen or transfers during the summer by completing the entrance requirements and the Summer Session Application.

Students attending other colleges or universities who plan to attend only the Summer Session must complete the Summer Session Application and have it signed by the proper official of the college they attend during the regular academic year.

Teachers who apply for Summer Session must have a valid Teacher's Certificate and may have their supervisor sign the Summer Session Application in lieu of going through the formal application process.

New students (i.e., freshmen, transfers, and special students) must file the Summer Session Application with the Director of Admissions by May 20. Currently enrolled students should obtain their summer registration forms from the *Office of the Registrar*. Transient students and teachers should file the Summer Session Application with the Registrar at least one week prior to the start date for the term in which they plan to enroll. Summer Session Applications are available from the *Office of Admissions* or from the *Office of the Registrar*.

COLLEGE EXPENSES

THE EXPENSES OF COLLEGE

Fees are established by the administration and approved by the Board of Trustees for each academic year and must be paid in United States dollars. In developing annual tuition, fees, and room and board charges, the institution carefully considers the costs of college operations and the ability of students and parents to meet the required payments. As a result, Newberry College has traditionally offered a quality liberal arts education that is considered affordable in comparison with other private four-year colleges and universities.

Tuition and other fees cover approximately seventy-five percent of the cost of the total college program; the remainder is provided in the form of gift income from alumni, parents, friends, corporations, foundations, and the supporting Synods of the Evangelical Lutheran Church in America. In addition, Newberry has an endowment fund that earns investment income for scholarships and current operations.

Newberry College assists students in meeting education expenses through scholarships, grants, loans, and campus employment.

TUITION AND FEES FOR 2010-11 FOR RETURNING JUNIORS AND SENIORS

| | FALL | YEAR |
|--|---------------------|---------------------|
| Full Time Tuition (12-18 Credit hours) | \$ 10,750.00 | \$ 21,500.00 |
| Technology-For Returning Juniors and Seniors* | \$ 325.00 | \$ 650.00 |
| Student Government Fee ** | \$ 100.00 | \$ 200.00 |
| Wellness Fee | \$ 84.00 | \$ 168.00 |
| Total Tuition and Fees- For Returning Juniors and Seniors | \$ 11,259.00 | \$ 22,518.00 |

TUITION AND FEES FOR 2009 -10 FRESHMEN (RETURNING SOPHOMORES 2010-11)

| | FALL | YEAR |
|---|---------------------|---------------------|
| Full Time Tuition (12-18 Credit hours) | \$ 10,750.00 | \$ 21,500.00 |
| Laptop Fee-Returning Sophomores 2010-11 | \$ 400.00 | \$ 800.00 |
| Technology-Returning Sophomores 2010-11* | \$ 325.00 | \$ 650.00 |
| Student Government Fee ** | \$ 100.00 | \$ 200.00 |
| Wellness Fee | \$ 84.00 | \$ 168.00 |
| Total Tuition and Fees- For Returning Sophomores 2010-11 | \$ 11,695.00 | \$ 22,918.00 |

Freshmen who entered in the Fall of 2009 will be accessed the final portion of their laptop fee of \$ 400.00 each semester in the academic year 2010 – 11. This does not include the technology fee.

TUITION AND FEES FOR 2010-11 FRESHMEN

| | FALL | YEAR |
|---|---------------------|---------------------|
| Full Time Tuition (12-18 Credit hours) | \$ 10,750.00 | \$ 21,500.00 |
| Laptop Fee – Freshmen entering Fall, 2010 | \$ 737.50 | \$ 1,475.00 |
| Technology-Freshmen entering Fall, 2010* | \$ 325.00 | \$ 650.00 |
| Student Government Fee ** | \$ 100.00 | \$ 200.00 |
| Wellness Fee | \$ 84.00 | \$ 168.00 |
| Total Tuition and Fees- For Freshmen entering Fall, 2010 | \$ 11,996.50 | \$ 23,993.00 |

Freshmen entering in the Fall of 2010 will be accessed the laptop fee in two payments of \$ 737.50 (Fall, 2010 and Spring, 2011). This does not include the technology fee.

| | | |
|--|-----------|-----------|
| Over 18 Credit Hours (Per Hour) | \$ 525.00 | \$ 525.00 |
|--|-----------|-----------|

Part-time Tuition (Less than 12 Credit hours)

| | | |
|-------------------------------|-----------|-----------|
| Tuition Cost Per Credit hour | \$ 525.00 | \$ 525.00 |
| Technology and Wireless Fee * | \$ 100.00 | \$ 200.00 |

*A Technology Fee is charged to all students. This fee provides for computer technology support.

**The Student Government Fee is for students taking twelve or more hours a semester. The fees collected are used to support the Newberry College Student Government and its activities.

Summerland Honors

Students enrolled in the Summerland Honors Program may sign up for 21 hours without being charged an overload fee. For the purpose of this calculation, full-time students participating in the academic internship program will accrue one hour of semester-hour charges for each three semester hours of internship program hours taken in a semester.

2011 May Term

| | |
|--------------------------------------|-----------|
| Tuition, each credit hour | \$ 260.00 |
| Campus Housing (single room) | \$ 500.00 |
| Laboratory Science Fee (each course) | \$ 95.00 |
| Technology Fee, per session | \$ 100.00 |

2011 Summer I and Summer II Sessions Tuition and Fees

| | |
|--------------------------------------|-----------|
| Tuition, each credit hour | \$ 260.00 |
| Campus Housing | |
| Double Room | \$ 415.00 |
| Single Room | \$ 620.00 |
| Laboratory Science Fee (each course) | \$ 95.00 |
| Technology Fee, per session | \$ 100.00 |

May and Summer School tuition and fees are due and payable at registration each term. Prior to registration, all balances from previous semesters must be paid.

The off-campus courses have expenses in addition to tuition. Additional charges are listed with the course descriptions in the Summer School Catalog. The travel courses require deposits that must be paid as announced during the spring semester. Course fees, where applicable, will be charged for courses taken during May/Summer Sessions. Only federal aid is available during the May/Summer Sessions on a limited basis.

| ROOM | Semester | Year |
|--|-----------------|-------------|
| Double Occupancy | \$ 2,000.00 | \$ 4,000.00 |
| Single Occupancy | \$ 2,820.00 | \$ 5,640.00 |
| Cromer Suite | \$ 2,575.00 | \$ 5,150.00 |
| Smeltzer – Semi Private | \$ 2,575.00 | \$ 5,150.00 |
| East Hall Suite-Double Occupancy | \$ 3,025.00 | \$ 6,050.00 |
| East Hall Single Room-Double Occupancy | \$ 3,350.00 | \$ 6,700.00 |
| East Hall Single Occupancy | \$ 3,600.00 | \$ 7,200.00 |

The College reserves the right to increase the room charge at any time during the academic year to cover increased costs.

BOARD

Newberry College has contracted the services of ARAMARK Higher Education to provide the College's Dining Services for students, faculty, staff, and the community. We believe in creating environments of fun, relaxation and most importantly, a sense of community.

The Dining Hall offers numerous stations to give everyone a choice such as A Taste of Italy, Comfort, Stacked, Char, Produce Market, and Exhibition. This is an all you care to eat facility for your convenience.

Meal plans are available for purchase by commuter students and on campus students are required to select one plan from the two options below:

The Unlimited Plan with \$200 DB – Allows you unlimited access to the Dining Hall during hours of operation and \$200 DB dollars per semester to use for your retail purchases in our other retail locations for greater flexibility. (DB dollars are not carried over from semester to semester).

The 14 Meal plan plus \$300 DB – allows you to enter the Dining Hall 14 times in one week as well as \$300 to spend on your retail purchases throughout the semester for greater flexibility. (DB dollars are not carried over from semester to semester).

The DB Plan – Open a declining balance plan with a minimum deposit of \$100. A 10% bonus will be added to each deposit into the account (i.e. - \$100 deposit will receive \$10 in bonus dollars). The balance will carry over semester to semester but not beyond an academic year.

Individual Meal Prices (*prices are subject to change*)

| | |
|----------------------|---------|
| Breakfast | \$ 5.25 |
| Lunch | \$ 7.35 |
| Dinner | \$ 7.35 |
| Sunday Buffet | \$ 8.40 |

Summer I and Summer II Meal Plans, Monday-Friday (lunch only), are available for \$189.00 each term.

All students must present their properly validated ID cards upon entering the Dining Hall and retail operations. All ID cards are non-transferable. For any special needs or requests, please see the Food Service Director or call ext 5151. The food service office is located in the cafeteria in Kaufmann Hall.

The College reserves the right to increase the charge for meals at any time during the academic year to cover an increase in food prices and labor.

PAYMENT OF FEES

Payments for tuition, fees, room and board are due and payable on or before **July 30, 2010** for the Fall Semester, and **December 1, 2010** for the Spring Semester. Fall statements will be mailed by mid-July. Spring statements will be mailed by mid-November.

PAYMENT PLAN

Newberry College offers an interest-free monthly payment plan through Tuition Management Systems (TMS). Methods for payment are flexible and allow students and their families to pay a portion of their bill by check, cash, or credit card (MasterCard or Visa) to Newberry College and pay the remainder using the TMS program. TMS will accept payments for the 2010-2011 academic year beginning July 1, 2010.

TMS charges an annual enrollment fee of \$70.00 to participate in their interest-free payment plan.

Tuition Management Systems

1-888-713-7234

www.afford.com/options

Only students who have met payment requirements by the specified date will be allowed to participate in College functions.

TEXTBOOKS AND SUPPLIES

The costs of textbooks and supplies, additional fees for certain courses, and personal expenses are not included in the above charges. Books and supplies will cost an average of about \$1,600 for the year. Additional course fees are listed on the following page.

ADDITIONAL FEES

- **Art**
 - A \$75 fee is charged to cover cost of materials for ART 101, 102, 131, 171, 181, 221, 231, 241, 242, 271, 274, 321, 331, 342, 343, 372, 375, 376, 421, 422, 431, and 432.
 - A fee of \$85 is charged for ART 161, 261, 361, 461, and 464.
 - A \$95 fee is charged for ART 220 and 320.
- **Biology**—A \$95 fee is charged each semester for each laboratory course. Lab courses receive four hours of credit.
- **Chemistry**—A \$95 fee is charged each semester for each Chemistry course except CHE 481, 482, and 495.
- **Communications** —A \$75 fee is charged for COM 231, 311, 322, 323, 422, 423, 430, 431, 491, 492, and 499.
- **Education 480**—A \$125 fee is charged for EDU 480.
- **Forensic Science**—A \$95 fee is charged for FSC 212.
- **Forensic Science**—A \$150 fee is charged for FSC 342.
- **Music**—Fees for a Semester or a Summer Session:
 - Private Lessons in Piano, Organ, Voice, Guitar, or Band Instruments, \$125 per credit hour.
 - Instrumental Class (Brass, Woodwind, and Percussion), \$90 fee.
 - Piano Class, \$90 fee.
- **Nursing**—per-course fees
 - A \$60 per-course fee for non-laboratory/non-clinical courses: NUR 301, 303, 320, 322, 401, and 420.
 - A \$95 per-course fee for laboratory/clinical courses: NUR 311, 313, 330, 332, 411, 413, 415, 430, 432, and 434.
- **Physical Education**—A \$20 activity fee will be assessed for all activity courses, PHE 099-114, (except PHE 101 and 103) for equipment purchased and for upkeep of equipment. There is no fee for PHE 101. For PHE 103, Golf, a \$30 fee will be assessed for periodic use of the Country Club and greens fees.
- **Physics**—A \$95 fee is charged for each laboratory course.
- **Science Laboratory Fee**—A \$95 fee is charged each semester for each laboratory science course in Biology, Chemistry, Physics, and Science.
- **Theatre**—A \$50 lab fee is charged each semester for consumable materials and the maintenance of equipment for THE 104, 204, and 232.
- **Theatre**—A \$75 fee is charged to help cover the maintenance of the production equipment for THE 212 and 302.
- **Theatre**—A \$75 materials fee is charged to cover the cost of materials for THE 231. Students retain the makeup kit, which is the significant item in the charge.
- **Theatre**—A \$50 lab fee is charged for maintenance of equipment in THE 303.

No course fees will be refunded after the fifth class day of each term.

OTHER FEES

Advance Deposit by New Students—Each new applicant who intends to enroll pays an advance confirmation deposit of \$300. This covers the orientation expenses (\$125) and the student's housing security deposit (\$220 for resident students) or tuition deposit (\$175 for day students).

Application Fee—A nonrefundable application fee of \$30 is paid by each applicant for admission. This covers part of the cost of processing the application.

Auditing Fee—All courses are available on an audit (non-credit) basis. A fee of \$50 per course is charged for individuals (except full-time students, for whom there is no charge) who wish to audit a course.

Concurrent Enrollment—High school students participating in the Concurrent Enrollment program will be charged a comprehensive fee of \$115 per semester hour.

Credit by Examination Fee (CLEP)—Students taking examinations under this program will pay \$77 for each examination.

Finance Charge—The College may assess a 1.5 percent (1.5%) finance charge each month on any past due account balance, subject to a minimum \$1 monthly charge. This equates to an annual percentage rate of 18 percent.

Graduation Fee—Each candidate for graduation pays a graduation fee of \$100 during the final term of attendance.

Late Check-in—Student check-ins after the specified deadlines will incur a fee of \$100.

Late Payment Fee—The College will assess a \$200 late payment fee if payment for tuition, fees, and room and board is not received by the due date.

Late Registration Fee—Students registering after the registration date specified in the catalog pay a fee of \$75.

Parking Permits—A \$40 fee is charged for a vehicle parking permit. All students are required to purchase a parking permit if they have a vehicle on campus. On-campus motor vehicle regulations and fines are listed in the *Student Handbook*. Failure to comply with vehicle regulations could result in a fine for vehicle immobilization.

Resident Student Advanced Arrival—Resident students who arrive before the designated time at the opening of a term will be charged a room fee of \$25 per day. This fee does not include board costs.

Returned Checks—A \$40 fee will be charged for all returned checks.

Transcripts—A student requesting an unofficial copy of his/her transcript will be charged \$1 for each copy. The first **official** transcript is furnished free of charge; \$5 is charged for each additional transcript. An additional \$2 fee is charged for faxed transcripts.

ADVANCE DEPOSIT FEE FOR HOUSING RESERVATION

A housing reservation fee of \$50 is required of all returning students seeking housing reservations. This fee must be paid by May 1st and must be paid prior to making a room reservation. Fifty percent (50%) of this fee is refundable if the College is notified in writing, before May 31st, of the student's intention not to return to Newberry College for the following academic year. After May 31st, there will be no refund. For returning students, the fee becomes a credit to the student's financial account.

CONTRACT POLICY

No student organization or group of students or anyone from any organization or group may make contracts or other financial obligations on behalf of the College without the written approval of the Vice President for Business Affairs. Outside vendor solicitation is prohibited.

FINANCIAL OBLIGATIONS AND REFUNDS

Many commitments of the College are based upon the enrollment at the beginning of the year. Students are expected, therefore, to be in attendance for the entire year.

Students who withdraw may receive a partial refund. The first day of class will be used for the purpose of computation of refunds. The official date of withdrawal will be established by the Registrar according to College policy.

Tuition and fees will be refunded based on the following policy:

Tuition—Fall and Spring Semesters

100% to the first day of class

75% between the first and fifth class day

50% between the sixth and tenth class day

25% between the eleventh and fifteenth class day

No refund after the fifteenth class day

Fees—No refund on fees

Room—No refund on room charges after the first day of class

Board—50% of the unused portion at anytime during the semester

Laptop — No refund on the laptop once student has received the laptop

Lab/Course Fees — No course fees will be refunded after the fifth class day of each term.

May and Summer Terms

Tuition — 100% prior to the first day of class

50% between the first and fifth day of class

No refund after the fifth day of class

Fees — No refund on fees

Room —No refund on room charges after the first day of class

Lab/Course Fees — No Lab/Course fees will be refunded after the fifth class day of each term.

A prorated refund calculation will also apply to all financial aid awards to be refunded to granting agencies in the following order of priority as prescribed by federal law and regulation: Unsubsidized Federal Direct Loan, Subsidized Federal Direct Loan, Federal PLUS Loan, Federal Perkins Loan, Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, Other Title IV Aid Programs, other federal sources of aid, state, private, or institutional aid, the student.

Each federal program will be refunded as applicable in priority order before refunding the next in order. The category of state, private, and institutional aid will be refunded proportionally. The student will receive any remaining refund.

Once all adjustments have been posted to a student's account, refund checks due the student will be issued within fourteen days of the occurrence of a credit balance.

No fees or charges will be refunded to the student if the student has been suspended or expelled for disciplinary reasons.

Any full-time student who drops below twelve hours to part-time status after the last day for late registration and change of courses will be charged tuition, fees, room and board at the full-time rate.

ASSUMPTION OF RESPONSIBILITY

When students register, it signifies the assumption of definitive obligations between themselves and the College. It is an agreement by the students and their parents to fulfill the terms of registration.

Students are required to settle all financial accounts due the College before the final examination period of each semester.

All additional expenses incurred by Newberry College to collect any outstanding debt owed, including reasonable attorney and/or collection fees, will be paid by the student. Administrative holds will be placed on official transcripts, enrollment, and graduation until all outstanding indebtedness to Newberry College has been satisfied. Newberry College reserves the right to report the status of any outstanding indebtedness to Credit Reporting Agencies.

FINANCIAL AID

FINANCIAL AID

The Newberry College *Financial Aid Office*, located in Holland Hall, serves to assist students through the financial aid process. The financial aid staff educates students on federal, state, and institutional funds available. In addition, the Financial Aid Office determines student eligibility for grants, loans, and scholarships. In order to be eligible for federal aid, a student must complete a Free Application for Federal Student Aid on a yearly basis.

Newberry College does not allow institutional aid to exceed the direct cost of college. Direct Cost includes tuition, fees, and on-campus room and board.

HOW TO APPLY FOR FINANCIAL AID

1. Apply for admission to Newberry College.
2. Submit an Institutional Aid Application.
3. Submit the Free Application for Federal Student Aid (FAFSA) to Federal Student Aid Programs on the web at www.fafsa.ed.gov.
4. The U.S. Department of Education selects approximately thirty percent of the student body to verify information submitted on the FAFSA. The Newberry College *Financial Aid Office* will notify you if you are selected for verification. At that time you will be required to complete all verification paper work the financial aid office requests in order to be eligible for financial aid.
5. South Carolina residents wishing to apply for the SC Tuition Grant (SCTG) may do so by completing a FAFSA. A separate application is not needed. Be sure to list Newberry College (Title IV, Code 003440) as first college choice in Step Six of the FAFSA. The application deadline for SCTG is June 30.
6. The **PRIORITY DEADLINES** for financial aid applications for all students are **March 15** for Fall Semester and **November 1** for Spring Semester. Students are encouraged to apply as early as possible after January 1.

IMPORTANT THINGS TO REMEMBER

1. A student must be enrolled for twelve hours per semester in order to be eligible for institutional aid.
2. The student and parent(s) have primary responsibilities for financing the student's educational costs. The amount a family is expected to contribute depends upon such factors as income, assets, number of family members, number in college, and age of the older parent. The total cost of attendance (COA), minus the expected family contribution (EFC), represents the "Demonstrated Financial Need" of that student. The EFC is determined by applying a standardized federal formula to the information provided by the student and the parent(s) on the FAFSA. The College's financial aid program is designed to supplement the family's own resources where a demonstrated need exists.
3. Financial aid awards are made on a funds-available, first-come-first-served basis, and only after all the applicable materials, listed in "How to Apply for Financial Aid" document, have been received.
4. **Award letters must be signed and returned to the Financial Aid Office within ten days of receipt of the Financial Aid Award Letter in order for the award to remain valid.**
5. Application for financial aid must be repeated for each year of attendance at Newberry College.
6. In subsequent years the amount of aid may be increased, continued, or decreased, according to the conditions existing at the time of application.
7. Federal Perkins Loan paperwork will be completed with the Accounting Office at the beginning of each semester.
8. For Federal Direct Loans, all first-time borrowers are required to complete an entrance interview.
9. Newberry College is required to adjust aid to correspond to changes in the academic or financial status of the recipient.
10. Students are not eligible for institutional student aid while being charged a reduced rate.

11. Students are eligible for eight semesters of institutional aid and are responsible for meeting the conditions outlined in this catalog under “Satisfactory Academic Progress (SAP).”
12. Students must notify the Financial Aid Office of the details of any local scholarships received.
13. Students are awarded based on the assumption that they will be living on campus. If a student decides to live off campus, for whatever reason, then the student’s financial aid package may be reduced.
14. A U.S. citizen or national, a permanent resident of the U.S., certain residents of the Pacific Islands, and other eligible non-citizens (with an I-151, I-551, I-94, or I-688) may be eligible for some forms of federal aid and/or for state aid. Documentation in addition to that indicated in the section “How to Apply for Financial Aid” may be required.
15. Once a student completes the requirements for an undergraduate degree (as defined in Federal regulations), the student is no longer eligible to receive Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, or South Carolina Tuition Grant.
16. A student pursuing an additional undergraduate degree may be eligible for Federal Work Study, Federal Perkins Loan, or Federal Direct Loan.

SATISFACTORY ACADEMIC PROGRESS

Students must meet Satisfactory Academic Progress (SAP) standards in order to be eligible for any type of financial aid. These are the minimum standards for Federal Aid. Many State and Institutional scholarships will have higher eligibility standards than those set forth by SAP. The current Newberry College SAP standards are as follows:

| <u>Hours Attempted</u> | <u>GPA Required</u> |
|------------------------|---------------------|
| 0-23 | 1.50 |
| 24-55 | 1.75 |
| 56 or more | 2.00 |

Furthermore, a student must be enrolled in twelve (12) semester hours each semester to be considered a full-time student. **Students with eleven (11) hours or fewer during a semester are not eligible for Newberry College Grants, Newberry College Scholarships, or the South Carolina Tuition Grant.** Part-time students may be eligible for pro-rated federal funds.

Additionally, full-time students must earn a minimum of twenty-four semester hours credit within the academic year, including summer school, to be eligible for any financial aid during the Fall Semester of the following academic year. If eligibility is lost and SAP is regained during the Fall Semester, eligibility for aid is regained for the Spring Semester. Students enrolled for only one semester must earn a minimum of twelve semester hours.

The maximum time frame for federal student financial aid purposes for completing the College’s baccalaureate program is six (6) years.

The academic record of all students receiving financial aid will be reviewed for SAP at the end of the Fall Semester. Students will be notified at the end of Fall semester if they do not meet SAP. Students are encouraged to attend Summer School in order to regain SAP eligibility. Students who do not meet SAP by the end of Summer School will not be eligible to receive Financial Aid in the Fall Semester. Students with unusual circumstances (e.g., death in the family, illness, or other circumstances beyond their control) may appeal to reinstate their Financial Aid. Students may appeal the reduction or cancellation of their Financial Aid by completing and submitting the Financial Aid Appeal Form and supporting documentation to the Director of Financial Aid.

When a student who has been dismissed for academic reasons is readmitted, the student will not be eligible for financial aid. However, the student may engage in the appeal process if specific extenuating circumstances affected his/her previous academic performance.

CERTIFICATION OF REGISTRATION WITH THE SELECTIVE SERVICE COMMISSION

All male students between the ages of eighteen and twenty-five must register with Selective Service in order to be eligible to receive federal aid.

STUDENT FINANCIAL AID PROGRAMS

Newberry College offers eligible students Federal, State, and Institutional Financial Aid. Financial Aid consists of need-based grants, merit scholarships, and low interest loans. Both need-based grants and merit scholarships are free money to the student. This money does not have to be paid back. Federal Student Loans are made available by the Federal Government at reduced interest rates to assist students in meeting the costs of college. Student loans must be paid back.

FEDERAL PROGRAMS

Federal Pell Grant—A federal grant for which all students may apply by completing the Free Application for Federal Student Aid (FAFSA) or the Renewal FAFSA. Awards are based on demonstrated financial need, as determined by the federal need analysis formula.

Federal Perkins Loan —A long-term, low interest loan made available to students with exceptional need. No interest during enrollment; five percent interest during repayment; nine-month grace period before repayment begins; and after the student ceases at least half-time enrollment. Promissory Note signed with the Accounting Office at beginning of each semester.

Federal Supplemental Educational Opportunity Grant (SEOG)—A grant available on a limited basis to students with exceptional need.

Federal Academic Competitiveness Grant (ACG)—A grant available to first and second year full-time students who are Pell Eligible and U.S. Citizens. First year students have to complete a rigorous high school program of study as dictated by the Department of Education. Second year students should have completed a rigorous high school program and have earned 24 credit hours and a 3.0 GPA by the end of their freshman year.

National Science and Mathematics Access to Retain Talent Grant (SMART)—A grant available to third and fourth year full-time students who are Pell Eligible and U.S. Citizens. Students must major in an approved program as defined by the U.S. Department of Education. Students must maintain a 3.0 cumulative GPA. Students will be reviewed on a semester-by-semester basis for eligibility. Students may gain or lose the SMART Grant mid year.

Federal Direct Subsidized Loan—A long-term, low-interest loan no interest during enrollment; a six-month grace period before repayment begins; and after the student ceases at least half-time enrollment. First time borrowers must complete a Entrance Interview and a Master Promissory Note.

Federal Direct Unsubsidized Loan—A long-term, low-interest loan interest charged during enrollment; and during the six-month grace period before repayment begins and after the student ceases at least half-time enrollment. First time borrowers must complete an Entrance Interview and a Master Promissory Note.

Federal Parent Loan for Undergraduate Study (PLUS)—A long-term, low interest loan to assist parents in financing the family contribution toward the student's educational expenses. Parents of dependent undergraduate students may borrow up to the difference between the annual Cost of Attendance and the total student aid received. Loan approval is based upon the ability to repay and credit-worthiness.

Federal Work-Study—A need-based employment opportunity for students. Federal Work Study eligibility will be determined in the Financial Aid Office. Federal Work-Study wages are paid directly to the student by check on a monthly basis for work performed. To be eligible and retain Federal Work-Study, students must maintain a G.P.A. of 2.0.

Veterans Benefits—Veterans, widows of veterans, and children of deceased or disabled veterans may be eligible. For information contact: Veterans Administration Office.

STATE PROGRAMS

South Carolina Tuition Grant (SCTG)—All South Carolina residents may apply for the SCTG by submitting the FAFSA or Renewal FAFSA **no later than June 30**. Students who complete their FAFSA after June 30 will not be eligible for the South Carolina Tuition Grant.

South Carolina LIFE Scholarship—A \$5,000 scholarship available to students who achieve two of the following criteria: 1100 SAT score on the critical reading and math portions (ACT 24 score), 3.0 high school grade-point average (GPA), and top thirty percent of high school graduating class. Upper-class students must earn an average of thirty non-remedial semester hours per academic year and maintain a 3.0 GPA. Semester hours and grade points earned in developmental courses will not fulfill the requirements for the LIFE scholarship. Students are also required to attempt at least 12 non-remedial hours each semester in order to receive the LIFE Scholarship.

South Carolina HOPE Scholarship—A \$2,800 scholarship available for one year only to students who achieve a 3.0 high school grade-point average (GPA) but do not qualify for the LIFE Scholarship. Students are also required to attempt at least 12 non-remedial hours each semester in order to receive the HOPE Scholarship.

Vocational Rehabilitation Benefits—Students with disabilities classified as vocational handicaps may be eligible. For information contact: State Department of Vocational Rehabilitation.

INSTITUTIONAL PROGRAMS

Newberry College contributes a significant amount of resources to recruit and retain outstanding students. Newberry College offers Institutional Scholarships in the following six categories:

1. Academic Awards are those given to students in recognition of their scholastic abilities. Newberry College offers the following academic scholarships: **Palmetto, Trustees, Founders, Presidential, Scholar, Deans, and Transfer**. Please see the Admissions Department for current eligibility regulations.

2. Athletic Awards are those given to student-athletes in recognition of their athletic abilities.

3. Leadership Awards go to those students whose overall characteristics make them students Newberry College wishes to have as members of its student body. Typically Leadership Awards are recommended by the student's Admissions Counselor and approved by the Director of Financial Aid.

4. Church-Related Awards recognize the special relationship Newberry College has with churches of the Evangelical Lutheran Church in America. Newberry College offers the following church related scholarship:

- **Lutheran Grant** – New and returning students who are members of a Lutheran Church may receive up to \$1000 per year. Students must submit a Lutheran Grant Application by July 1 for the Fall Semester and November 1 for the Spring Semester.

5. Miscellaneous Awards include:

- **Newberry County Grant** is given to students who have established permanent residency in Newberry County.
- **Family Discount Grant** is given to students who have at least one sibling currently attending Newberry College.
- **Legacy Scholarship** is given to students who have a parent or grand-parent who graduated from Newberry College.
- **Residential Assistant Room and Board** is given to students who are current residential assistants. Student Affairs selects all residential assistants.

6. Newberry Need Grants are awarded to students who establish a bonafide need after all other sources of money (federal, state, and institutional aid) are exhausted. The Newberry Need Grant is made available to students who meet the requirements below:

- Dependent Students must have a PLUS denial on file for the current academic year.
- Independent students must have an alternative loan denial on file for the current academic year.

The Newberry Grant is calculated by taking the Direct Cost of Newberry College minus EFC (Expected Family Contribution) minus all other aid to equal Remaining Need. Students may receive up to \$4,500 for the year to cover Remaining Need. The Newberry Need Grant is limited; therefore, the grant will be given based on fund availability.

SCHOLARSHIPS AWARDED THROUGH THE ALUMNI ASSOCIATION

Alumni and friends have contributed funds to ensure future students enrolling at Newberry College receive financial aid. Funds from the Alumni Endowed Scholarship and from funds contributed by classes of 1928, 1929, 1930, 1931, 1933, 1937, 1940, 1941, 1942, 1943, 1944, 1945, and 1989 help provide scholarship support. Using these funds, the Alumni Association Board of Managers, in consultation with the Financial Aid Office, selects recipients from applications received.

In general, the Alumni Association awards two scholarships each year to entering students. Students receiving these scholarships may apply for their renewal as long as the established criteria are met. The deadline for a new application is March 15 and the deadline for renewal applications is March 1. The application form for new applications is on the Newberry College Web site at www.newberry.edu or available on request from the Alumni Office. Renewal applications for the next academic year will be sent to students during the second semester and are available from the Alumni Office.

In addition to the general scholarships, the Alumni Association also identifies recipients for these scholarships, which follow similar guidelines and criteria (e.g., 3.0 GPA):

- Ellen Wingard Cobb Scholarship
- Alumni Endowed Scholarship
- Greenwood Area Scholarship (top fifty percent of class)
- Greenville Area Scholarship
- African American Alumni Scholarship

OFF-CAMPUS EMPLOYMENT

A limited number of off-campus employment possibilities are available in the Newberry area. For information about part-time jobs off-campus, contact the *Office of Career Services*.

STUDENT SERVICES

STUDENT AFFAIRS

Student Affairs contributes to the College's purposes and objectives by establishing and maintaining the best environment conducive to learning. Learning, in this context, includes not only academic subjects, but also understanding and appreciating different cultures and value structures. Student Affairs also provides an atmosphere in which students can discover more about themselves, their ethical development, their environment, and their religious heritage. The residence hall system at Newberry College is an integral part of this educational experience. Other dimensions of Student Affairs include student government, campus ministries, intramurals, career planning, wellness services, student activities, student publications, fraternities and sororities, and freshman orientation. Information may be accessed at www.newberry.edu/studentaffairs.asp.

NEW STUDENT ORIENTATION

The Office of New Student Orientation is here to make the transition from high school to college a little smoother by providing a series of three 2—day summer orientations. All new students (first time freshman and transfers) are required to attend one of these summer orientation events before beginning the fall semester. New Student Orientation is designed to familiarize students with Newberry College in an interactive way that offers both practical information and a taste of the student experience. Students will be given the opportunity to spend the night with fellow students on campus in residence halls, meet with their Mentor/Academic Advisor, confirm class schedules, participate in student panel discussions, and complete a host of new student logistics.

Students who have been accepted into the College, and have paid their new student deposit fees may go online to <http://www.newberry.edu/student-affairs/new-student-orientation.aspx> and register for the orientation of their choice. Students enrolling for the Spring Semester will attend a spring orientation event in early January. The Office of New Student Orientation is located in Derrick Hall, office # 12.

FIRST YEAR EXPERIENCE & FRESHMAN MENTORING PROGRAM

The Newberry College First Year Experience is designed to prepare students through mentorship academically, socially, emotionally and spiritually for success at Newberry College. Freshman students will examine the values and goals the college celebrates, develop and improve their academic skills, assimilate into the NC Community, and engage as a citizen with the local community and world. This process is done with the help of a Freshman Mentor who will advise, guide and teach the incoming student in order to create a supportive environment where student and mentor work together for success.

The Director of Retention will assign each freshman student a mentor during Orientation. The relationship between the mentor and student is designed to be maintained, unless an exception is requested, until the student is transferred to an advisor in the student's major academic area.

RETENTION

At Newberry College, every student counts! The Retention Committee leads the way in the college-wide effort to facilitate the success of each student. According to the mission statement, Newberry College challenges and nurtures students for lifetimes of service and leadership through intellectual transformation, social development, a culture of physical well-being and spiritual growth by providing a Christian education in the Lutheran tradition.

The Retention Committee supports this mission by collecting and utilizing data to formulate methods to educate all faculty, staff, administrators and board members, setting quantitative goals for institutional improvement, being proactive in developing a network of communication across campus in regards to student retention, and developing ways to retain students who exhibit the potential qualities for a lifetime service and leadership through intellectual, social, physical well-being and spiritual growth.

The Retention committee works closely with the Academic Skills Center, Financial Aid Office, Athletics Staff, Faculty Advising and Student Services in helping students cope with the issues that stand in their way. This includes coordinating student interactions with faculty, staff and other students which ultimately help to promote student success in social and academic development.

SUDENT ACTIVITIES

Participation in student activities during college is an integral part of a student's collegiate experience. With nearly fifty organizations, including nine Greek organizations and five Christian organizations, students have every opportunity to be involved and active at Newberry. Organizations include academic, religious, service, campus activities planning board, student government, and social interests.

A complete list of student organizations can be found on the Newberry website at:
<http://www.newberry.edu/student-affairs/organizations.aspx>.

KAUFMANN HALL MULTI-PURPOSE FACILITY

Kaufmann Hall serves as the campus hub for students to meet, eat, check mail, study, socialize, check their e-mail/messages, watch TV, play a game, or relax. Kaufmann Hall houses the Dining Hall, Steele Student Center Snack Bar and Game Room, College Bookstore, and Campus Post Office. Kaufmann Hall is a place to post information about events, read announcements concerning the campus community or get change for laundry and games.

STUDENT GOVERNMENT

The Newberry College Student Government Association (NCSGA) represents the student body in a variety of legislative and judicial affairs. The NCSGA operates within the guidelines of its constitution and general College policy. Its Executive Officers and Senate are elected annually by the student body. The *Student Government Office* is located in Derrick Hall, 1st floor in office #1.

COUNSELING SERVICES

Counseling Services are available on campus for all full-time students. The counselor's office is located in the Wellness Center behind the Science/Math building, across the parking lot from Brokaw Residence Hall. The counselor is available Monday–Fridays for individual therapy and other mental health related issues. Students may make appointments by phone at (803)321-5373 or e-mail at martha.dorrell@newberry.edu.

VETERANS' COUNSELING SERVICE

Veterans may obtain help at the office of the local contact officer of the Veterans Administration located at 2115 Wilson Road in Newberry. The Registrar's Office, located in Holland Hall, also provides assistance and counsel whenever possible.

Since interpretation of regulations governing veterans' benefits is subject to change, veterans should make it a policy to keep themselves informed at all times (through information issued by the Veterans Administration) on matters pertaining to their education and training.

FACULTY ADVISORS

Although the responsibility rests with the student to ensure all degree requirements are met, each student is assigned a Faculty Advisor to assist with planning a course of study and to give direction in both educational and career matters. The Director of Student Academic Services will assign all new students an advisor in their major academic area before Orientation. Students need the approval of their advisor to enroll in any course or to make changes in class schedules.

CAREER SERVICES

The *Office of Career Services*, located in office #13 Derrick Hall, seeks to facilitate career development for all Newberry College students. A student will begin the process of career exploration in their second semester through the First Year Experience Program. Sophomores, Juniors, and Seniors are encouraged to participate in career development programs including courses, workshops and experiential learning. The programming goal is to produce students who will be able to articulate their skills and career goals and present themselves appropriately in social and professional situations. Students will also understand personal branding, the use of social media in job search and networking and have a well-developed marketing plan with resume and cover letter.

WELLNESS SERVICES

Each student must complete a medical history form and a record of immunization prior to registration. Students are also required to have a Tuberculosis Test within one year prior to admission. If this form is not on file in the Nurse's Office, medical services will not be provided. The required medical form is sent to new students from the Office of Student Affairs. It is imperative that this form be filled out completely and accurately.

The Newberry County Hospital is near the campus and may be used for treatment of illness or injury requiring hospitalization as well as emergencies.

It is emphasized, however, that the College cannot assume any responsibility if the student consults other physicians without the approval of the College physician or nurse. Wellness Services is located in the house behind the Science and Math Classroom Building.

STUDENT HOUSING

Living in student housing at Newberry is considered an integral part of the student's educational experience. It is in the residence halls where students achieve enrichment of scholarship and personality development through sharing of ideas and experiences. Student housing encourages and helps students acquire emotional stability and intellectual maturity. Starting with the Class of 2013, all full-time students are required to live in student housing and purchase a meal plan. There are exceptions to this rule and all commuters must be approved prior to the move in by the College.

Residence halls are closed for Thanksgiving, Christmas, Spring Break, and other designated holiday periods. No provision is made for room and board during these vacation periods. Students may not stay in the residence halls after the closing hour or return to them before the end of break. Students should consult the College Calendar for times and dates.

The College reserves the right to determine which residence halls will be used by men and women, by freshmen and upperclassmen, and what furnishings and equipment will be supplied. The College also reserves the right to make and/or change housing assignments if, in its judgment, the changes are necessary for the well-being of a student, a group of students, or to provide for the general welfare of the housing unit. The *Office of Residence Life* is located in Derrick Hall.

DINING SERVICES

Newberry College has contracted the services of ARAMARK Higher Education to provide the College's Dining Services for students, faculty, staff, and the community. ARAMARK believes in creating environments of fun, relaxation and most importantly, a sense of community.

The Dining Hall offers numerous stations to give everyone a choice such as A Taste of Italy, Comfort, Stacked, Char, Produce Market, and Exhibition. This is an all you care to eat facility for your convenience.

The Snack Bar is also located in Kaufmann Hall, Offerings feature made to order sandwiches and short order favorites.

Meal plans are available for purchase for off-campus students and are required for on-campus residents. Meal plan options are detailed in the College Expenses section on page 27. The College reserves the right to change prices as needed.

All boarding students MUST present properly validated identification cards (I.D. Card) upon entering the cafeteria. The I.D. Cards are non-transferable and the presentation of I.D. Cards is strictly enforced.

Any special needs should be discussed with the General Manager or with the Catering Manager. The food service office is located in the cafeteria in Kaufmann Hall. The telephone number extension is 5151.

INTERCOLLEGIATE ATHLETICS

Newberry College is a member of the National Collegiate Athletic Association (NCAA--Division II) and the South Atlantic Conference (SAC).

The College schedules varsity competition with other colleges and universities in Baseball, Basketball, Cross-Country, Football, Golf, Soccer, Tennis, and Wrestling for men; and Basketball, Cheerleading, Cross-Country, Golf, Soccer, Softball, Tennis, and Volleyball for women.

INTRAMURAL SPORTS

The College sponsors a wide variety of intramural sports and activities for everyone. The mission of Intramural Sports is to provide competitive activities for students which foster feelings of community, sportsmanship, and achievement. In order to encourage all students to participate, a wide and diverse array of activities are offered. These include the traditional sports such as basketball, flag football, and softball, as well as unique sports, such as dodgeball and Frisbee golf. Information about intramural sports can be found on the web at: www.newberry.edu/studentaffairs/intramurals/default.asp. The *Office of Intramural Sports* is located in Derrick Hall.

FINE ARTS AND LECTURES

The Fine Arts and Lectures (FAL) Series brings to the campus a variety of nationally and internationally known groups and individuals. Students are admitted with a College I.D. to many of these cultural events free of charge. See page 44.

CAMPUS MINISTRY

As a church-related college, Newberry takes seriously the need to provide students with a variety of opportunities to explore and express their faith, as well as to encourage the community to explore and integrate spiritual and intellectual growth. The Campus Pastor serves as principal worship leader and coordinates chapel services. Services for Holy Communion and festival services are also held throughout the year.

Students are encouraged to plan and lead worship services as well as discover other means of living their faith. Groups meet regularly for prayer, fellowship, Bible study, and planning of community service events. The Weber Ministry House, located on-campus, serves as the Campus Pastor's office and is regularly used by student ministry groups. The Campus Pastor is available for prayer, consultation, and counseling for all members of the Newberry College community. The Campus Ministry organization reports under the Office of Student Affairs.

SERVICE LEARNING/CAREER RELATED

The Service Learning program is being integrated into expanded opportunities within a variety of academic majors. Service Learning offers career-related work experience while providing a laboratory for applying Christian values, academic knowledge, and social and interpersonal skills in service and leadership and can range from community service and philanthropy to paid summer internships. Opportunities are available locally, throughout the state, and nationwide. See “Values-Based Learning,” page 58.

STUDENT MEDIA

Students publish *Lacunae*, a student journal of creative writing, art, and scholarship; *The Scarlet and Gray*, the Newberry College newspaper; *@Newberry*, the College’s online magazine; and *The Freshman Directory* and *Senior Portfolio*, the College annuals.

NCTV-Channel 2 is the public access, educational and government channel for the City of Newberry. Communications students prepare for their careers by producing shows and creating graphics that have an immediate impact on Comcast cable viewers in Newberry County.

95.5 WNIR-LP is Newberry College’s FM radio station, which provides training and content for the local listening public in and around the City of Newberry. Students train for the demanding world of Communications by covering local sports, news and public events, both on and off campus.

STUDENT HANDBOOK

The Newberry College *Student Handbook* is the official handbook for Newberry College students. The handbook contains information about the College, as well as the rules and processes governing student life on campus. Students are expected to be familiar with the provisions of the *Student Handbook*. The *Student Handbook* can be found on the Newberry website at: www.newberry.edu/studentaffairs/studenthandbook.asp.

ALUMNI ASSOCIATION

All graduates and former students of Newberry College and Summerland College are members of the Newberry College Alumni Association. Summerland College, a Lutheran women’s college in Batesburg-Leesville, SC, merged with Newberry in 1930.

The first Newberry graduate was in 1869. Since that time there have been more than 10,000 graduates. The largest graduating class was in 1977 with 174 graduates. The first female graduate was in 1900 and the first African American graduate was in 1972.

The Alumni Association has existed since 1876. Graduating seniors are inducted as members of the Alumni Association as part of Commencement weekend. There are no dues for membership, but alumni and friends are encouraged to participate in the annual giving program.

The Alumni Office encourages and supports alumni in their relationships to the College by striving to identify and inform them about the College to increase their interest resulting in their involvement and investment. It informs alumni about campus activities and encourages participation in educational, social, and cultural events. It also provides services for alumni through area meetings and events, class reunions, Homecoming, and special identity projects. As a legacy for the future, alumni contribute toward scholarships endowed through the Alumni Association and make legacy gifts as individuals or groups. The Alumni Office is located in the Dufford Alumni House.

ACADEMIC REGULATIONS

CLASS SCHEDULE

Classes are scheduled to meet a minimum of 700 minutes for each semester hour of credit. See page 10 for regular Monday-Wednesday-Friday schedules and regular Tuesday-Thursday schedules as well as the Friday Convocation Schedule for special occasions.

CREDIT HOURS

The semester hour is the basis of all credits. Generally, for each 50-minute segment that a class meets each week, one credit hour is awarded. Therefore, for example, a class that meets 50 minutes three days a week (e.g., Monday-Wednesday-Friday) would be worth three semester credit hours. Science courses and other classes that require a laboratory period generally count for four (4) semester credit hours. One class hour or one laboratory period or one half-hour of private instruction in applied music courses each week for one semester constitute a semester hour. Classes are scheduled to meet a minimum of 700 minutes for each semester hour of credit. For most majors, a minimum of 126 credit hours is required for graduation. Due to the nature of the specific course of study, however, some majors require additional hours.

COURSE LOAD

For purposes of housing and financial aid requirements, students must be enrolled in a *minimum* of twelve credit hours each semester in order to be considered full-time. Generally, fifteen to seventeen semester hours constitutes a normal semester load, although students may enroll in as many as eighteen hours without additional tuition or special permission. Students who desire to register for more than eighteen hours, however, are required to secure the written authorization of the Vice President for Academic Affairs. Except for Summerland Honors Students, who may enroll in as many as twenty-one (21) semester hours at no additional charge, students enrolled in overload hours will be charged for each additional hour above eighteen (18). Generally, students seeking permission for overload credits must possess a cumulative grade-point average (GPA) of 3.0 or higher.

Most courses give three semester hours credit and meet for forty-one fifty-minute classes or twenty-eight seventy-five minute classes plus a final examination. During the summer session, three-semester-hour classes meet for ninety-five minutes for twenty-four class days.

GRADING SYSTEM

The grade-point average (GPA) is based on grade points earned at Newberry College and semester hours attempted (excluding courses with grades of “Withdrew Not Failing” (W), “Pass” (P), “Failure for Excessive Absences (FA),” “Satisfactory” (S), “Incomplete” (I), “Unsatisfactory” (U), “No Credit” (NC), and “No Grade Reported” (NR), and excluding courses that may not be applied to the baccalaureate degree). Grades transferred from other institutions will not be used to compute the GPA.

For each semester hour attempted, grade points are awarded for the grades as follows:

| <u>Grade</u> | <u>Grade Points</u> | |
|--------------|---------------------|--|
| A | 4.0 | Excellent |
| B+ | 3.5 | Very good |
| B | 3.0 | Good |
| C+ | 2.5 | Above average |
| C | 2.0 | Average |
| D+ | 1.5 | Below average |
| D | 1.0 | Passing |
| F or U | 0.0 | Failing |
| P or S | 0.0 | Passing with the equivalent of a “C” grade or better |
| FA | 0.0 | Failing for Excessive Absences |

The following symbols are also used:

| | | | |
|---|-----------------------|----|-------------------|
| W | Withdrew; Not Failing | NC | No Credit |
| I | Incomplete | NR | No Grade Reported |

(continued on next page)

The grade of Incomplete (i.e., “I”), is to be given to a student only in extenuating circumstances. Students receiving an Incomplete (“I”) have until Reading Day of the following semester to complete and fulfill the unmet requirements and replace the “I” with the letter grade earned; failure to do so will result in the “I” converting to an “F”. The grade-point average will be adjusted to include the grade awarded.

Semester grades are based on daily class or laboratory work, tests, and other work, and the final examination. Written examinations are required in all subjects at the end of each semester, except in certain laboratory or practical courses.

A complete report of all earned grades and credits will be sent by the Registrar to the parent or other party officially designated by the student when all financial obligations are met. The report may also state other facts concerning the student’s academic standing. The purpose of this report is not only to inform the parents, but to secure the cooperation of all who have an interest in encouraging the student to attain his or her highest possible academic achievement.

The end-of-term report is supplemented by an unofficial mid-semester grade report. At mid-semester, instructors review and report the progress of each of their students, assigning them letter grades. Mid-semester grade reports will be available to students; mid-semester grade reports will also be sent to parents of students who have so designated that stipulation.

CLASS-ATTENDANCE

Newberry College expects students to attend all classes for which they are enrolled. Professors may establish specific attendance policies governing their classes and will provide them to their students at the beginning of each term.

(Please refer to the Newberry College *Student Handbook* for additional information.)

FINAL EXAMINATIONS

Students who fail to appear for a scheduled final examination without a satisfactory excuse will receive the grade of “F” in the course. Excuses for examination absences must be presented to the professor in-charge within twenty-four hours of the absence. The grade received regarding that course shall be “Incomplete” until a make-up examination has been taken.

Students must take final examinations in the class sections in which they are enrolled; they will not be permitted to change sections for examinations without the prior approval of the professor and the Vice President for Academic Affairs.

No final examination in any course shall be given in advance of the scheduled date for the examination.

At the discretion of the professors, only candidates for degrees with an average of “B” or higher in a course during their final semester or final summer term or terms before completing work for a degree may be exempted from the final examination in that course and awarded grades they have maintained through the last class period. To be eligible for graduation, formal application for a degree must be on file in the *Office of the Registrar*.

At the beginning of the semester, the professor in charge of the class will publish an official policy statement with reference to the examinations exemption.

DECLARING A MAJOR

In order to earn a baccalaureate degree from Newberry College, each student must complete an approved program of study in a major field. Majors are commonly taken in a single discipline along with courses in related fields. Some majors are interdisciplinary. A major consists of at least 30 semester hours in the designated discipline. Some majors require over sixty hours of required course work related to the course of study. It is possible to major in more than one subject area within either the B.A. or B.S. degree.

A student may also double major across degree fields, but will be awarded only one degree (B.S., B.A., B.M., or B.M.E. degree) with the transcript reflecting the two majors completed. Students may earn a second or additional degree by completing at least 30 semester hours credit beyond the previous degree.

Students are encouraged to begin consideration of a major early in their freshman year, especially if they anticipate entering a major that is highly structured with a specific sequence of courses, or a major where the number of credit hours is large. Postponement of the choice of a major beyond the sophomore year, or a

change of major, is likely to delay graduation beyond the normal four years. Students are urged to seek the advice of the department chair in the discipline of interest early in the first year of enrollment.

To declare a major, each student must obtain approval from the chairperson of the program of studies and file a completed, signed copy of the Degree Audit with the *Office of the Registrar*. At that point, the major chairperson, or an appointed representative, becomes the student's advisor for the remainder of the course of study. After this formal declaration, any change requires the approval of the major chairperson.

DECLARING A MINOR

To declare a minor, each student must obtain approval from the chairperson of the program of studies and file a "Minor Form" with the Registrar.

PROMOTION REQUIREMENTS

To be eligible for promotion, a student must have earned the following minimum number of hours for each class:

| | | |
|-----------|---|---------------------------------|
| Sophomore | — | Twenty-four (24) semester hours |
| Junior | — | Fifty-six (56) semester hours |
| Senior | — | Ninety-two (92) semester hours |

GRADUATION REQUIREMENTS

To qualify for graduation from Newberry College, a student must do the following:

1. Successfully complete a minimum of 126 semester hours with at least a minimum grade-point average of 2.0 on degree credit hours attempted at Newberry College;
2. Complete the Core Curriculum, pages 65-66;
3. Complete all requirements for a major;
4. Attend the required number of Fine Arts and Lectures (FAL) events, pages 44-45;
5. Complete all Communication Across the Curriculum Program (CACP) requirements before being certified for graduation.

(See Communication Across the Curriculum Program, page 44)

A minimum grade point average of 2.0 must also be maintained on work performed in the major field and in the minor field.

A minimum of twenty-one (21) semester hours for junior college transfer students and twelve hours for senior college transfer students in the major and eight hours in the minor must be completed at Newberry College. Students must complete the last thirty-two (32) hours at Newberry College. Any and all academic appeals related to these requirements must be directed to Faculty Council via correspondence with the College Registrar or to the Vice President for Academic Affairs.

Some programs require certification through a state or national board. These programs may require additional course work and/or other scholastic achievement for certification. These programs include teacher certification.

If Core or general requirements for graduation are changed during a student's continuous enrollment at Newberry College, the student has the option of following either the requirements listed in the catalog that was in effect at the time of that student's original enrollment, or those requirements in effect in the revised catalog.

If requirements in the student's major field are changed after a Degree Audit has been filed in the Office of the Registrar, the student has the option of following either the requirements in effect at the time of declaring the major or the requirements in effect in the revised catalog. In the latter event, a new Degree Audit form will have to be filed.

RESIDENCE REQUIREMENTS FOR A DEGREE

To receive a degree from Newberry College, students must take the last 32 semester hours and at least 12 semester hours in the major at Newberry, except as outlined in approved joint degree programs with other institutions.

Transfer students from a senior level (four-year) college or university must earn a minimum of 12 semester hours in the major and twenty-five percent (32 semester hours) of their total credit hours at Newberry College.

COMMUNICATION ACROSS THE CURRICULUM PROGRAM

Newberry College implemented the Communication Across the Curriculum Program (CACP) approximately twenty years ago in order to foster among our students strong skills in critical thinking, communication, and written composition.

Newberry College implemented the Communication Across the Curriculum Program (CACP) over twenty years ago as part of a larger system stressing critical thinking and communication skills. In particular, the area of writing will be evaluated through procedures explained in the online *CACP Student Manual*.

All Newberry College students are required to complete Level 1 through passing ENG111 with at least a “C” average, Level 2 by certifying three essays from different disciplines by the end of their sophomore year, and Level 3 requirements by certifying three essays from their major and/or minor disciplines. See specific guidelines in the *CACP Student Manual*. (www.newberry.edu/academics/cacpprogram.asp).

Entering freshman students will be admitted to English 111, the first college-level writing course, on the basis of SAT/ACT verbal/writing scores, high school English course grades, and other relevant data as determined by the Department of English. Students who pass English 111 with a grade of “C” or above also pass CACP: Level 1. Students not admitted into English 111 according to the designated criteria are placed into English 099, a developmental writing course designed to help students master basic writing skills, including grammar and mechanics.

Students who transfer English 111, and who meet the other criteria designated by the Department of English, pass CACP: Level 1. Those who transfer English 111 without meeting designated criteria will be required to either enroll in English 099 or work with a writing assistant in the Writing Center until a student’s writing skill level meets the College standard.

Students must demonstrate Level 2 writing skills by writing—through a mentoring/revising process—three acceptable papers representing three different academic fields (e.g., History, English, and Biology).

Students usually demonstrate Level 3 writing skills by writing three acceptable papers in their major. Specific Level 3 requirements vary from department to department, so students should consult the most recent *CACP Student Manual* for specific requirements. Students with a minor can complete one Level 3 paper in the minor discipline.

Level 2 writing skills, then are demonstrated across the curriculum while Level 3 writing skills are demonstrated within the major discipline.

Teacher Education students are required to complete all CACP papers and Fine Arts and Lecture (FAL) requirements prior to internship.

Students transferring to Newberry College, may meet CACP Level 2 requirements by writing one Level 2 paper (instead of the usual three) provided they meet all of the following requirements:

- The student must transfer in at least fifty-six semester hours).
- The student also must have completed ENG 111 and ENG 112 (or the equivalent) with a grade of “C” or above.

Students who enroll in Dual Degree programs with other universities and institutions must complete the following CACP requirements:

- Two years at Newberry: Level 1, three Level 2 papers, and one Level 3 paper.
- Three years at Newberry: Level 1, three Level 2 papers, and two Level 3 papers.

For additional information, consult the most recent online *CACP Student Manual*, or contact the CACP Director, Professor Dale Brown, (dale.brown@newberry.edu).

COMMUNICATION ACROSS THE CURRICULUM PROGRAM REQUIREMENTS FOR GRADUATION

Students must complete CACP: Level 1, Level 2, and Level 3, according to guidelines specified in the *CACP Manual* (see www.newberry.edu/academics/cacpprogram.aspe”).

Graduating seniors MUST have all Level 2 and Level 3 CACP essays certified (edited, revised, submitted, and approved by professors) no later than **Reading Day** (the day before final exams begin) of their last semester. Students must complete CACP by the stated deadline in order to graduate on schedule.

FINE ARTS AND LECTURES (FAL) REQUIREMENT

All enrolled degree-seeking students must attend an average of three events per semester from the “Fine Arts and Lectures” (FAL) series in order to qualify for graduation.

Students transferring into Newberry College, or who are enrolled in Dual Degree Programs with other colleges or institutions, are required to attend an average of three events for each enrolled semester at Newberry College. Students transferring into Newberry College, or who are enrolled in Dual Degree Programs with other colleges or institutions, are required to attend an average of three events for each enrolled semester at Newberry College.

The maximum number of events students are required to attend is twenty-four.

Students may select from the following program options:

1. Opening, Honors/Founders Day, and Awards Convocations
2. College Theatre Productions (only one credit for each production)
3. Programs sponsored by the FAL Committee, such as Faculty Lecture Series
4. Other designated fine arts programs or special lecture presentations as announced, including concerts by the Department of Music and selected programs at the Newberry Opera House.

Verification of attendance at individual FAL events will be made. Attendance records will be retained in the *Office of the Registrar*.

The College will offer a minimum of eight FAL events each semester. **The responsibility rests with students to ensure their programs include all requirements for graduation.** The Faculty Advisors, the *Office of Academic Affairs*, and the Registrar will assist in every way possible.

SECOND DEGREE REQUIREMENTS

Students from another regionally accredited institution seeking a second bachelor's degree are required to complete at Newberry College the following:

A minimum of 32 semester hours, including a minimum of 12 hours in the major; the following Core and general education requirements:

Nine hours in Religion and Ethics –

One of the following Bible courses: REL 110, REL 111, or REL 112

One of the following Reformation courses: REL 203, REL 207, REL 380, or HIS 322

One of the following Ethics courses: PHI 120, BUA 311, SCI 114, or PHI 220, unless satisfactorily completed in the first degree program;

One Level II CACP paper;

Three Level III CACP papers;

Three Fine Arts/lecture Events for each semester enrolled up to a total of 12 events.

COMPUTER COMPETENCIES

Students are expected to demonstrate basic computer competencies prior to graduation. Examples include use of their campus email account; use of a word processing program; use of a spreadsheet program; use of an online search engine; use of the library's online catalog; and use of presentation software.

AWARDING OF DEGREES

Newberry College has three dates on which diplomas will be awarded: May, August, and December.

If a student completes all degree requirements, including the CACP and FAL events, during the Summer Session, the Registrar shall be authorized to issue a diploma and transcript indicating the student received the degree as of the last date of Summer Session. Names of students completing degree requirements during the Summer Session will appear in the December Commencement program indicating on which day the degrees were awarded.

Students receiving degrees in August will be given the opportunity to process and participate in the Commencement Exercises with other graduates receiving their degrees in December.

DEAN'S LIST

The Dean's List, issued each semester, lists all full-time students taking courses leading to a degree and who, in the preceding semester, attained a grade-point average of 3.5 or higher on at least twelve semester hours, and whose record for that semester has no grade of "F", "I", or "FA."

GRADUATION HONORS

To be eligible for graduation honors, students must have completed all requirements for the degree with a minimum of fifty-six (56) semester hours earned at Newberry College.

Those students with a grade point of 3.90 or higher will be graduated *Summa Cum Laude*; with a GPA between 3.75 and 3.89, *Magna Cum Laude*; with a GPA between 3.50 and 3.74, *Cum Laude*.

BACHMAN HONOR SOCIETY

The Bachman Honor Society was founded on March 15, 1962, by a group of faculty who were members of Phi Beta Kappa, and others who were deeply committed to fostering high standards of scholarship.

The Society is named for the Reverend John Bachman, D.D., churchman and scholar, and the primary guiding force in the founding of Newberry College.

Each year the Society inducts new members selected from the top ten percent of the senior class. New members, which may also include one member of the faculty or staff, are recognized at Awards Day Convocation and at Commencement.

TRANSCRIPTS

Transcripts will be issued by the Registrar only upon the receipt of a signed request by the student or alumnus.

A student requesting an unofficial copy of a transcript will be charged \$1 for each copy. The first official transcript of a student's record at Newberry College is furnished without charge. A fee of \$5 is charged for each additional copy. An additional fee of \$2 is charged if the transcript is FAXed.

Students who withdraw from Newberry without notifying the Registrar will not be entitled to a transcript.

The College will not issue a partial record; all failures, incomplete grades, and academic restrictions are shown.

Transcripts will indicate if students withdrew from Newberry College because of academic ineligibility or disciplinary action.

No transcript will be issued for students in default of the payment of College fees or charges.

AUDITING A COURSE

Full-time students may audit courses without additional costs, subject to approval by the instructor and the *Office of the Registrar*. Students not enrolled full-time may audit courses at a rate of \$50 per course. Audit status may not be changed to credit status after the course has begun.

REPEATING A COURSE

Students who receive a grade of "D+", "D", "F", "FA" on a course at Newberry may request to repeat the course to have the GPA reflect the higher grade—for the first repeat only.

The request for an adjusted GPA must be made during the registration period for the course that is to be repeated. The course must be repeated at Newberry College in order to receive benefit of this repeat clause.

DROPPING A COURSE

Drop Forms may be obtained in the *Office of the Registrar*.

Students must secure written permission from their faculty advisor and the course professor and return the Drop Form to the Registrar before dropping a course. Failure to follow this procedure may result in the penalty grade of "F" or "FA" for the course.

A course may be dropped no later than one week after mid-term grades are reported during the semester or summer session.

ACADEMIC PROBATION

A student is placed on academic probation for the following semester if the student:

1. Fails to pass nine semester hours in the Fall Semester or one-half the credits if enrolled for fewer than nine semester hours, or

2. Fails to maintain a minimum grade-point average of credits taken at Newberry College as outlined:

*Cumulative Semester Minimum GPA

| <u>Hours Attempted</u> | <u>Required</u> |
|------------------------|-----------------|
| 0-23 | 1.50 |
| 24-55 | 1.75 |
| 56 or more | 2.00 |

**Includes all credits attempted (S-U graded courses) and transfer, if any.*

A student on academic probation for the Fall Semester must earn at least six semester hours and twelve grade points in that semester to be eligible for continued enrollment.

A student in good standing with Newberry College shall be defined as a student who is free of academic and/or conduct probation and making at least minimal progress toward the completion of the degree sought.

Students will not receive transfer credit for college-level study attempted during the period of probation.

ELIGIBILITY FOR CONTINUED ENROLLMENT

To be eligible to re-register in the Fall Semester, students must pass at least nine semester hours in the preceding Spring Semester (students taking fewer than nine hours must pass one-half of the credit hours attempted), and must maintain a minimum cumulative grade-point average on courses taken at Newberry College.

| <u>*Cumulative Semester Hours Attempted</u> | <u>GPA Required for Eligibility to Re-Register</u> |
|---|--|
| 0-23 | 1.20 |
| 24-55 | 1.50 |
| 56 or more | 1.80 |

**Includes all credits attempted (S-U graded courses) and transfer, if any.*

Students who fail to meet the minimum grade-point average requirements will not be permitted to register for the following Fall Semester unless they meet the requirements by summer school work at Newberry College, or unless they are granted special permission to register by the Academic Appeals Committee.

Students on academic probation for two successive semesters will be automatically ineligible to register for the semester immediately following the semester for which they were placed on academic probation for the second time. This ineligibility can be removed only by action of the Academic Appeals Committee upon formal review of a written petition by the ineligible student.

After sitting out at least one semester, and if readmitted by the Admissions Office after having been ruled ineligible to register, students will have two semesters in which to achieve the required grade-point average (GPA). If students do not achieve the required GPA within two semesters, they will be ineligible to enroll at Newberry College for one year. Except for these conditions, no students will be suspended for academic reasons at midyear; however, students with extremely low grades might be advised to withdraw.

Students who become ineligible for registration for the third time for failure to meet academic requirements will be ineligible for readmission to Newberry College for an indefinite period of not less than one year (minimum of twelve months).

A written request for readmission after academic suspension must be submitted to the *Office of Admissions*.

Students will not receive transfer credit for college-level study attempted during the period of ineligibility.

WITHDRAWING FROM COLLEGE

Students who withdraw from Newberry before the end of a semester are required to complete a "Withdrawal Form" available in the *Office of the Registrar*. The form lists the procedures to follow that will help them to plan and facilitate re-admission to Newberry or transfer to another college.

Students who withdraw before the last day to officially withdraw will receive the grade of "W." The grade of "W" does not affect the GPA. *(continued on next page)*

Failure to complete the appropriate forms for withdrawing from college will result in a grade of “F” or “FA” on each enrolled course and may jeopardize re-admission to Newberry College, and GPA standing as well as transfer eligibility.

Charges for tuition, room, and board will not be refunded after sixteen class days of a semester. For further information regarding refund policies, refer to page 30.

APPEALING GRADES

Grade appeals may be lodged through official College channels only for the grade of “FA,” Failure Due to Absences, or for final course grades. Students must begin this appeal process by completing a “Grade Appeal” form in the *Office of the Registrar*. FA appeals must begin within five class days of the date on the notification of the grade, and final grade appeals must begin within the first five class days into the next regular semester.

After the form is filed with the Registrar, the student should next talk with the faculty member to try to resolve the issue. If the issue is not resolved satisfactorily at this informal level, the student should submit a typewritten or computer-generated signed petition that specifies the circumstances leading to the appeal to the faculty member’s Department Chair; or if the faculty member is a Chair, to the Vice President for Academic Affairs. The Chair or Vice President for Academic Affairs will consult with both the student and the faculty member to attempt resolution.

If the student or faculty member is not satisfied with the response of the Chair or Vice President for Academic Affairs, the issue may be appealed to the Faculty Council. A signed petition and a written summary of the reasons for the prior decision should be submitted to the *Office of the Registrar* for presentation to the Faculty Council. The student and the faculty member involved may appear before the Faculty Council. **The decision of the Faculty Council is final.**

PETITIONING FOR EXCEPTIONS

The Faculty Council will act on petitions from students requesting exceptions to academic policies or graduation requirements. The Council will also act on appeals from students who are academically ineligible to return to Newberry College and wish to be reinstated. Students should submit typewritten or computer-generated, signed petitions to the Office of the Registrar for presentation to the Faculty Council. Normally, the student petitioner will not appear in person before the Faculty Council.

LODGING ACADEMIC CONCERNS

Students who have concerns regarding classroom practices and procedures should first attempt a resolution through discussion with the faculty member. If concerns are not resolved, students should contact the faculty member’s Department Chair or, if the faculty member is a Chair, the Vice President for Academic Affairs. If a student is not satisfied with the response of the Chair, the issue may be brought to the attention of the Vice President for Academic Affairs.

STUDENTS INVOLUNTARILY CALLED TO EXTENDED ACTIVE DUTY (EAD)

Upon submission of a valid set of orders to active duty, students who are members of National Guard or Reserve forces involuntarily called to extended active duty (EAD) will be offered:

A. Remission of Fees:

1. Tuition Fees will be held in escrow for 12 months and applied in full to tuition costs upon the student’s re-enrollment. Should the student elect not to continue at Newberry upon release from EAD, tuition fees will be refunded upon written request.
2. All other fees up to the time of involuntary call will be charged on a pro rata basis. Any fund balance (for unused services from call-up to semester end) will be held in escrow with tuition fees and applied to student expenses upon release from active duty and return to Newberry. Should the student elect not to return to Newberry, these unused funds are available for refund upon written request of the student.

B. Student Course Enrollment and Course Grades:

1. Registration to Mid-Term: Students involuntarily called to EAD may withdraw from course enrollment without penalty.

2. Mid-Term to semester end: Students involuntarily called to EAD may withdraw from course enrollment without penalty. Students involuntarily called to EAD within the final two weeks of the course who desire, upon request, will be allowed to take an early final examination and retain the course grade earned.

This policy applies only to students involuntarily called to extended active duty.

READMISSION TO NEWBERRY

Students who withdraw from Newberry College and who later intend to reenroll must apply for readmission through the Office of Admissions.

All readmitted students must meet entrance and graduation requirements in effect at the time of readmission.

EXPIRATION OF CREDIT

Course work completed more than ten years prior to graduation is subject to review by the Registrar to determine its applicability to the degree.

CANCELLATION OF COURSES

The College reserves the right to cancel any course offered when enrollment (for credit) is fewer than six. The decision is made by the Vice President for Academic Affairs in consultation with the Registrar and the Chair of the Department.

LENGTH OF TIME TO COMPLETE DEGREE

Degrees in most of the majors at Newberry College can be earned in eight semesters if the student completes successfully an average of 16 semester hours per semester.

If the major requires completion of more than 126 semester hours, it may be necessary for the student to attend summer sessions and/or additional semesters in order to complete the degree requirements.

If the student declares a major, completes courses required for that major, and then changes majors, the student may have to attend additional summer sessions and/or semesters in order to complete degree requirements for the new major.

DISABILITY SERVICES

Newberry College does not provide a special program or curriculum for students with identified disabilities. It does, however, endeavor to recognize and address the particular needs of individual students so as to enhance their opportunity for academic success.

The *Americans with Disabilities Act* of 1990, and Section 504 of the *Rehabilitation Act* of 1973, specifies that students must formally notify the collegiate institution of their disability in order for the institution to provide reasonable accommodations. Professional documentation of the disability or disabilities must be furnished no later than two weeks prior to the desired commencement of accommodations. In addition, the legal and/or medical documentation must be current within a three-year period prior to the student's enrollment at Newberry College. All documentation, requests for information, etc., must be sent to the *Director of Disabilities Support Services*, Academic Affairs.

Upon receipt of notification and required documentation, a meeting will be scheduled between the student and the *Director of Disabilities Support Services*, the purpose of which is to reach an *Accommodations Agreement*, which will be communicated to the students instructors. The *Accommodations Agreement* will be reviewed each semester at the request of the student. The *Director of Disabilities Support Services* will monitor each identified student's progress and interact with the student and his/her instructors, as necessary, to ensure that the College is complying with all requirements.

In dealing with students with disabilities, Newberry College carefully considers students' right to privacy and handles all disabilities-related documentation and communication in a highly confidential manner. If parents of students with disabilities wish to be included in meetings and communications with the *Director of Disabilities Support Services*, they need to make sure their student signs the appropriate waiver, upon enrollment, as required under The Buckley Amendment. Newberry College does not provide student disabilities-related documentation to any third parties except as required by law. All student disabilities-related documentation is destroyed when the student graduates or otherwise ceases to be enrolled at Newberry College.

ACADEMIC PROGRAMS AND OPPORTUNITIES

HONORS PROGRAMS

As part of its commitment to academic excellence, Newberry College offers academic development through the Summerland Honors Program and Departmental Honors.

Summerland Honors Program

In many ways the human story has been and will continue to be a quest for identity. How have we understood what it means to be human? The Summerland Honors Program is structured upon the theme, *A Quest for Identity*, and will afford opportunities to explore this essential question from a number of vantage points. Indeed, each of the interdisciplinary courses focuses on a particular perspective concerning this quest for identity. During year one, students study the question from the perspective of the arts and humanities. Year two students ponder the question through the lens of the natural sciences. The third year, students probe the quest for identity from the perspective of the social sciences. In each of the six honors seminars, students will also participate in enrichment activities designed to engage them actively in their learning and to provide opportunities for them to apply their knowledge in service to the campus and the local community. Finally, an integrative capstone course in the senior year will allow students to reflect and build on the preceding three-year experience.

Summerland Honors Program courses fulfill Core requirements in the humanities, natural sciences, and social sciences, Areas C, D, and E, as appropriate. Students enrolled in the Program may sign up for up to 21 hours without being charged an overload fee.

Students completing the seven Summerland Honors Program courses with a minimum 3.25 GPA will be declared graduates of the program and will have their transcript and diploma so acknowledged. See pages 129-131 for a description of the seven honors courses.

Departmental Honors

Individual departments may identify and approve outstanding majors during the student's junior year to pursue an honors project during their senior year. To be accepted to work on an honors project, students must have achieved, by the time they complete 60 semester hours, a cumulative GPA of 3.5 for classes taken at Newberry College and a major GPA of at least 3.5 with at least 12 semester hours in the department in which the honors project is proposed.

During their senior year, a student must enroll for a minimum of six semester hours in an appropriate combination of independent study, senior seminar, or senior essay courses, under the direction of a departmental faculty member, to work on a major research project or the creation, composition, or performance of a major work of art.

Students should consult with the chair of their major department regarding availability of and guidelines for specific departmental honors programs. The successful completion of the Departmental Honors programs will be noted on transcripts and diplomas.

Academic Skills Center and Writing Center

The Academic Skills Center, located in Wright Hall, provides peer tutors for all academic subject areas at no cost. A quiet and comfortable atmosphere makes the Center a great place for individual or group study sessions, and a computer lab is also available in Wright Hall. Additional information concerning the Academic Skills Center may be obtained by calling (803) 321-5187.

The Writing Center, also located in Wright Hall, provides one-on-one assistance with writing for all students. Peer tutors representing several academic disciplines are available to assist with writing assignments and CACP papers from nearly any course. In addition, the Writing Center is equipped to assist students preparing for pre-professional tests, letters of application, and résumés. For more information about the Writing Center, please call (803) 321-5216.

MAY TERM

May Term is a four-week period of travel and experiential courses designed to provide students with:

1. experiences beyond those available in the regular fall and spring schedule of classes
2. courses specified only for May Term
3. travel courses

Students may take only one course for up to three semester hours of credit. Students may select from the available on-campus courses or off-campus travel courses. Off-campus travel courses are offered only during May Term.

Registration is on the first day of classes. Students planning to enroll in travel courses are required to attend orientation sessions as announced in the Summer Session Catalog.

SUMMER SESSION

Two terms of five weeks each are offered in the College's Summer Session. The Curriculum is designed for students wishing to begin their college work early, for students desiring to accelerate their progress or to make up work and for teachers fulfilling credential and certification requirements.

The first term of Summer School 2010 begins with registration on June 1 and classes on June 2. The last day of classes for the first term is July 1. The second term begins with registration on July 5, classes on July 6, and continues through August 4.

The Summer Session includes key courses from most departments, special workshops, and courses to upgrade or renew teaching certificates.

Students desiring to attend the Summer Session should make application to the Office of Admissions.

Students may take up to seven semester credit hours each term.

Students completing coursework for the baccalaureate degree during the summer session receive their degree as of the last date of summer session. (See "Awarding of Degrees," page 45).

A Summer Session Bulletin is published each spring.

DUAL-DEGREE PROGRAMS

Students enrolled in Dual-Degree programs must meet the following Communication Across the Curriculum Program (CACP) and Fine Arts and Lectures (FAL) requirements during their three years at Newberry:

- a. CACP: Level 1, three Level 2 papers, and two Level 3 papers
- b. Fine Arts: 18 Fine Arts and Lectures events (an average of 3 events per semester)

Students electing the Dual-Degree programs should consult with their major advisor.

Forestry and Environmental Management

Dual-Degree Program with Duke University

Newberry College offers a cooperative program with Duke University in Durham, N. C., in the areas of Forestry and Environmental Management. Students may earn the bachelor's and master's degrees in five years, spending three years at Newberry College and two years at Duke University Nicholas School of the Environment and Earth Sciences. Students must fulfill all the general requirements by the end of the junior year at Newberry. The first year's work at Duke will complete the undergraduate degree requirements and a B.S. degree with a major in Biology will be awarded by Newberry at the end of the first year at Duke. Duke will award the professional degree of Master of Forestry (M.F.) or Master of Environmental Management (M.E.M.) to qualified candidates at the end of the second year.

While at Newberry College students need to complete a rigorous program of biology, chemistry, mathematics, and economics courses, their Core Curriculum, 18 Fine Arts and Lectures events (3 per semester while at Newberry College), Communication Across the Curriculum (CACP) writing requirements (Level 1, three Level 2, and two Level 3 papers are required), and at least 90 credit hours of courses.

Students are required to take 52 hours of science and math courses, including Biology 111, 121, 122, 201, 322, 331, 431, and either Biology 332 or 402; Chemistry 113, 114, 231; Mathematics 150, 200, and 211. As part of the Core Curriculum, students must take Economics 210. Students are encouraged to take Chemistry 232 and Mathematics 212.

Some students may prefer to complete the bachelor's degree before undertaking graduate study at Duke. The master's degree requirements for these students are the same as those for students entering after the junior year, but the 60-unit requirement may be reduced for relevant undergraduate work of satisfactory quality already completed. All credit reductions are determined individually and consider both the student's educational background and objectives.

Students electing the Forestry and Environmental Management program of study should confer early in their college careers with Dr. Charles Horn, Department Chair of Biology and Chemistry, regarding which courses they should take each year in order to avoid schedule conflicts between some of the required courses, and when they should make formal application for admission to the Duke University Nicholas School of the Environment and Earth Sciences.

Medical Technology Dual Degree Program with Palmetto Baptist Medical Center

The student will attend Newberry College for three years and then complete a one-year program of intensive training at Palmetto Baptist Medical Center, Columbia, S. C. Upon completion, Newberry College will confer a B.S. degree with a major in Biology.

This dual degree program is in cooperation with Palmetto Baptist Medical Center and leads to a bachelor's degree (B.S.) in Medical Technology.

Palmetto Baptist Medical Center states that: "Medical Technology is an exciting career choice if you have a strong background and interest in chemistry or biology. While working in a hospital laboratory, you will study the body's immune system, components of blood, and you will investigate the causes of infectious disease." It is a twelve-month program with courses in Blood Bank, Chemistry, Hematology, Immunology, Management, Microbiology, and Parasitology. After graduation, technologists work in a variety of settings, including clinical/hospital laboratories, physician's offices, clinics, research facilities, public health centers, veterinary offices, crime laboratories, colleges, and industry.

While at Newberry College, students need to complete their Core Curriculum, 18 Fine Arts and Lectures events (3 per semester while at Newberry College), Communication Across the Curriculum (CACP) writing requirements (Level 1, three Level 2, and two Level 3 papers are required), and at least 90 credit hours of courses.

Students are required to take 52 hours of science and math courses, including Biology 111, 121, 122, 212, 215, 216, and 342; Chemistry 113, 114, and 231; either Biology 322 or 331; Biology 301 or Chemistry 232; and Mathematics 150. As part of the Core, students need to take Psychology 120 and Sociology 101. Students are encouraged to take Biology 412 and Mathematics 200.

For further information, contact Dr. Charles Horn, Professor of Biology.

PRE-LAW PROGRAM

The Pre-Law Program advisor is Dr. Steven L. Schweizer, Associate Professor of Political Science.

The Association of American Law Schools recommends a general liberal arts education for pre-law students because "many of the goals of legal education are also goals of liberal education."

The Association recommends a Pre-Law curriculum which aims toward these objectives:

1. Comprehension and Expression in Words. "The purpose here is to gain both perception and skill in the English language. Language is the lawyer's working tool. In oral and written advocacy a lawyer must be capable of communicating ideas convincingly and concisely."

2. Education for Critical Understanding of Human Institutions and Values. "The purpose here is to develop insight into, rather than merely information about, the institutions and values with which man is concerned. Lawyers are a force in the operation and shaping of these institutions. They must necessarily gain insight into the nature of man and the physical world, the economic systems of societies, the political organization of societies, the democratic processes in Western Societies, the social structure of societies, and the cultural heritage of Western societies, including Religion, History, Philosophy and Ethics."

The following statement is taken from a letter sent to college presidents by the Clerk of the Supreme Court of South Carolina.

“The Constitution of South Carolina imposes upon the Supreme Court the responsibility of determining those persons who shall be admitted to the practice of law in this State. In an effort to improve competency on the part of members of the Bar, the Court has provided in its Rules, among other things, that pre-law student advisors in all colleges and universities in South Carolina should be advised that the Court has found the following subjects highly beneficial in taking the bar examination and for the pursuit of a career as an attorney:

- | | |
|--------------------------|----------------------|
| 1. English Composition | 6. Logic |
| 2. Public Speaking | 7. Literature |
| 3. United States History | 8. Political Science |
| 4. Accounting | 9. Philosophy |
| 5. Economics | |

Students expecting to practice law successfully in South Carolina should be urged to take as many courses as practical in the subjects listed above.”

Recommended Program for Prospective Law School Students:

1. The required Core Curriculum courses.
2. Law schools accept any major. Newberry College students usually major in one of the following: Business Administration, English, History, or Political Science.
3. All prospective law students are strongly urged to take as many of the following courses as possible: Accounting 210; Art 181; Business Administration 210; Economics 210 and 220; English 337, 351, 362, and 458; History 121, 122, 211, 212, 323, and 331; Mathematics 200; Music (MUS) 150; Philosophy 101 and 110; Political Science 121, 122, 343, 348, 461, 462; Speech 110, 203, 310, and 348; and Sociology 101, 208 and 228.

Some of the courses may satisfy Core and/or major requirements.

Charleston School of Law 3 + 3 Program

The Charleston School of Law 3 + 3 Program offers qualified and motivated Newberry College students the opportunity to complete three years of coursework at Newberry College, finish their three years of legal education at Charleston School of Law, and graduate with two degrees. To qualify, students must apply and be admitted to the Program prior to the beginning of the Freshman year at Newberry College. To complete the Newberry College leg of the 3 + 3 program, students must complete 99 hours of coursework; complete the prescribed pre-law curriculum; satisfy all major, FAL, and CACP requirements; pass an annual evaluation of their progress toward the dual degree; and maintain a minimum Newberry College grade point average of 3.3.

3 + 3 Program students must take the following pre-law courses at Newberry College: SPA 101 and 102, PHI 110, POS 121, MAT 200 or SSC 230; HIS 121, ACC 210 or ECO 210, SOC 101 or PSY 120, POS 344, and POS 462. Students are encouraged to take a second year of Spanish, BIO 111; ACC 220, ECO 220, COM 370, HIS 331, PSY 330, POS 348, POS 495 Legal Internship, PHI 220, and SOC 347.

In their third year at Newberry College, 3 + 3 students should prepare for and take the LSAT and apply to the Charleston School of Law.

PRE-PROFESSIONAL HEALTH AND SCIENCE PROGRAMS

Students intending to prepare for any of the health and science programs (**Dentistry, Medicine, Occupational Therapy, Pharmacy, Physical Therapy, and Veterinary Medicine**) should follow the course of study covering their respective pre-professional requirements as stated in the catalogs of the institutions in which they plan to enroll. Dr. Evelyn Swain, Assistant Professor of Chemistry and Dr. Catherine Lovett, Assistant Professor of Biology, will help to guide and counsel students who intend to prepare for entrance into these professional programs.

Of importance for candidates to all professional health programs is the completion of 2-3 volunteer, internship, or job shadowing experiences within the area of intended study. These show the professional schools that candidates are serious about their chosen future career path and have an understanding of their intended profession. Further, applicants are expected to have an excellent oral and written command of the English language. Completion of Core Curriculum courses in English and literature at Newberry College fulfill these requirements.

The recent trends in admission to **Medical** schools have been to reduce the number of courses required for admission. However, a standardized test, the Medical College Admission test (MCAT) is still required. Scores reflect a student's ability in four academic areas: Verbal Reasoning, Physical Sciences, Writing Sample, and Biological Sciences. Thus, students must develop college level skills in biology, chemistry, mathematics, and physics to be prepared for the MCAT. The college recommends a minimum of Biology 121, 122, 215, 216, 301, 315, 322, 331, Chemistry 113, 112, 231, 232, Mathematics 150, 211, 212, and Physics 213, 214. Completion of these courses prior to taking of the MCAT during the fall of the senior year will greatly enhance test scores.

Most medical schools require the completion of 90 semester hours of college work, but do give preference to students with a baccalaureate degree. With the number of courses in the science that are highly recommended, most students choose to have a major in Biology or Chemistry.

Most **Dental** school admission requirements parallel that of medical schools. Completion of the Dental Admission Test (DAT) is required. To be prepared for dental school, students should have completed Biology 121, 122, 215, 216 and at least 8 additional hours from Biology 212, 301, 315, 322, or 331, Chemistry 113, 114, 231, 232, Mathematics 150, 211, and Physics 213, 214. As with medical schools, students must have completed 90 semester hours of coursework to be accepted, with preference given to those holding a baccalaureate degree.

Students seeking to apply to a College of **Veterinary Medicine** should major in biology or chemistry. Completion of courses in biology, chemistry, mathematics, and physics will help prepare students for the Graduate Record Exam (GRE) or Veterinary College Admission Test (VCAT). To be prepared for these standardized tests, it is recommended that students complete Biology 121, 122, 212, 220, 301, 315, 321, 331, 342, Chemistry 113, 114, 231, 232, Mathematics 150, 211, and Physics 213, 214. In order to be accepted into most Veterinary Medical Schools an applicant must have completed 90 semester hours of college work.

South Carolina does not have a veterinary school; hence South Carolina residents must attend an out-of-state veterinary school. However, students may be considered in-state residents for tuition purposes at the University of Georgia, Tuskegee University (Alabama) and Mississippi State University.

The **Pre-pharmacy** program allows students to be eligible for application to the clinical doctorate program in Pharmacy (PharmD). Students are expected to have completed a variety of courses, including Biology 121, 122, 201, 212, 215, 216, Chemistry 113, 114, 231, 232, 321, and Mathematics 150, 200, 211. Completion of the Core Curriculum needs to include Economics 210 or 220 and Psychology 120. Recently, the pharmacy schools of South Carolina have merged into the South Carolina College of Pharmacy; however, campuses are maintained in both Charleston and Columbia. In addition, a new Pharmacy program has opened at Presbyterian College in Clinton, South Carolina and has enrolled its first class starting in fall, 2010.

The health professions programs of **Occupational Therapy** and **Physical Therapy** both require the completion of a bachelor's degree for acceptance. Students applying to an Occupational Therapy program must have taken Biology 121, 122, 215, 216, Mathematics 150, 200, Psychology 120, 230, 231, and Sociology 101. Application to Physical Therapy requires Biology 121, 122, 215, 216, Chemistry 113, 114, Mathematics 150, 200, 211, Physics 213, 214, Psychology 120, 230, 231.

Any student interested in any of the above health sciences and also in doing research in these fields is invited to join the Future Medical Professional Association (FMPA). This organization will offer many opportunities to do volunteer projects, apply for internships, get helpful tips for applications and interviews, overall networking, and also have fun. This organization is co-advised by Dr. Evelyn Swain and Dr. Catherine Lovett. Career services makes available practice entrance exams for students to take multiple times prior to taking the actual exam.

Additionally, Newberry College pre-professional advisory board, pre-professional advisors and mentors, along with career services will guide pre-professional students through undergraduate preparation for graduate school.

NON-TRADITIONAL STUDENTS

Newberry College features a number of academic programs tailored for the non-traditional student. Some programs are offered in the evenings, while others employ a “blended” format, which combines the best of in-class and online instruction and learning.

fastFORWARD constitutes an accelerated adult degree completion program designed to serve working adults with a minimum of two years work experience. Offered exclusively in a “blended” format, learners will generally meet in person for the initial four-hour session of each course with the balance of the course conducted online.

Typically, those who enroll in this program

- have already completed approximately two years of college (or its equivalent),
- maintained a grade point average of at least 2.0 (on a 4.0 scale),
- are required to have earned a minimum of sixty (60) credit hours that can be transferred into the College, and
- are willing and able to spend 15-20 hours in preparation for each week of class.

Those with fewer than sixty credit hours must address an appeal to a special admissions committee. All who are accepted into the ***fastFORWARD*** program need to recognize that they will be required to complete enough hours outside of the program to earn the minimum 126 hours necessary to receive a Newberry College baccalaureate degree. Adult learners who succeed in the ***fastFORWARD*** program are self-directed and goal-oriented individuals. It is possible for some students enrolled in this program to complete their degrees in as little as 18 to 24 months. Persons interested in enrolling or learning more should contact the Office of Admissions or the Director of Adult Education.

fastFORWARD currently offer two degree programs: B.A. in Business/Organizational Management and a B.S. in Early Childhood Education leading to teacher certification.

Detailed information may be found by going to the following web-site:

www.newberryfastforward.com

fastFORWARD Course descriptions may be found on pages 160-161.

ACADEMIC CREDIT FOR LIFE EXPERIENCE

Academic Credit for Life Experience Based Upon Demonstrated Competence

Newberry College recognizes that students sometimes take advantage of an opportunity to master a course of study or acquire skills in settings beyond the traditional classroom. Such settings may include field research, study travel, professional or military training, internships, and other alternative educational experiences. Newberry College thus permits students to earn up to fifteen (15) semester hours of academic credit for life experience by demonstrating an acceptable level of competence in one of the following ways:

- *Approved Standardized Examinations.* Scoring at the approved level on the College Level Examination Program (CLEP-see page 20 for details) or Defense Subject Standardized Tests (DANTES) examinations may earn a student college credit. Confirmation of the student earning this approved score must be approved and recorded by the Newberry College Registrar.
- *ACE Alternative Courses.* Where the American Council on Education (ACE) has evaluated alternative courses—such as those in banking, real estate, military training, or vocational training—the College will adopt the evaluation in the appropriate field as a source for determining what credit may be awarded. ACE credit must be applied for by the student and approved and recorded by the College Registrar.
- *Certificate of Documented Competency.* A student may earn credit hours for a specific course by obtaining from one of the professors assigned by the College to teach that class a Certificate of Documented Competency (CDC). Such documented competency may take the form of scoring at an acceptable level on a test equivalent to the final examination in the course, submitting written papers comparable to those assigned in the traditional course, reporting on research carried out by the student related to the course content, or otherwise indicating to the instructor a level of learning commensurate with the learning objectives of the course for which the student is seeking life credit. The CDC will be awarded at the discretion of the professor when she or he is satisfied that the student has suitably mastered the course content and met the student learning outcomes outlined in the course syllabus. Final approval will be authorized by the Vice President for Academic Affairs and recorded in the Office of the Registrar.
- *Approved Portfolio.* Earning a CDC by preparing a portfolio describing specific work activities, alternate educational experiences, or life experiences that document the prescribed learning outcomes associated with the course for which documented competency is being sought. Material for this portfolio can come from a number of different sources, including workshops, seminars, self-study, non-credit classes, training courses, and work experiences. Note that it is the learning from (and not merely the experience of) these alternate programs or experiences that is evaluated. Appropriate departmental faculty members will evaluate the written portfolio and determine what credit, if any, might be warranted and awarded. Final approval will be authorized by the Vice President for Academic Affairs and recorded in the Office of the Registrar.

Such credit can be awarded only for subject matter or life experience that corresponds to the content of specific courses listed in the Newberry College Catalog. In order to earn such academic credit, students must demonstrate and/or document how their reported competencies correspond to the content of the courses for which they are seeking credit and fulfill the learning outcomes associated with each course

INDEPENDENT STUDY (491-492 courses)

Independent Study (491-492 courses) is an opportunity for advanced students to pursue a research project devoted to a specific topic or problem. The research subject is selected in consultation with a faculty member under whose guidance the study is to be conducted. Departments offer a course in which a student may earn from one to four credits. The credit hours will be determined by the faculty member based on an estimate of the time expected to be invested in the proposed work. Forty-five hours is minimal for each hour of credit.

All independent study courses must involve the student primarily in independent work with regularly scheduled consultation with the instructor. This kind of study may involve independent readings, library research, or laboratory research projects in specific subject areas where the College does not offer courses.

Projects or proposals must be submitted (on a form similar to the current form for internships/externships) at the close of the pre-registration period of the initiation date of the study. Laboratory research projects especially require advance notice in order to attain funding and supplies for the project.

The form should contain at minimum:

- Student's Name
- Instructor's Name
- Title of Independent Study
- Credit Hours
- Date Initiated
- Suggested Completion Date
- Specific objectives of the independent project
- How the objectives (e.g. course requirements) will be accomplished (such as books or articles to be read and discussed, films to be viewed, lectures to be attended, research to be carried out)
- Evidence that objectives have been accomplished such as tests, reports, discussions, etc.)
- How the student learning will be evaluated
- Student-Faculty contact hours
- Signatures of student, instructor, department chair

Copies of the approved independent learning contract must be filed with the Vice President for Academic Affairs and the Registrar prior to the close of pre-registration.

INTERNSHIPS/EXTERNSHIPS (495-496 courses)

Students are placed in a variety of field and workplace settings for credit, in order to gain experience related to classroom learning.

The following policies and procedures apply:

1. Internships and externships are offered through academic departments. Some internships and externships may be limited to students who have declared a major in that department. Others are available to non-majors.
2. Students must pre-register for an off-campus internship or externship and complete all planning for it by the end of the semester immediately preceding the semester in which the internship or externship will be performed. (*Application for an internship or externship that will occur outside of the Fall and Spring Semesters must be made prior to the experience. Credit may be awarded in the following regular semester of enrollment.*) The application will include:
 - approval by sponsoring on-campus professor
 - approval by advisor
 - approval by department chair
 - approval by Vice President for Academic Affairs
3. Departments determine specific eligibility requirements, the amount and type of credit awarded, and the academic requirements. Since internships and externships are part of the academic program, they have academic requirements comparable to other course work.

A list of the objectives of the work experience must be provided to the supervisor in the work place, and that individual and/or the academic supervisor must document that the objectives have been met.

The advisor or instructor of record will contact the work place supervisor before, during and after the experience.

In general, for every one credit hour earned, students will spend a minimum of 45 hours of work.

The amount of credit that can be earned in an internship or externship varies by department and by the nature of the activity. One-, two-, three-, six- and twelve-hour internships/externships are available.

Internships and externships carry either a letter grade or S/U grade. Students should consult the Catalog to determine the type of credit they will receive for a specific course. Information will be with the course listing by department.

(continued on following page)

The experience may be a paid or voluntary position. Ideally the experience should not occur in a setting which is one of general and on-going employment for a student. However, there may be exceptions to this and those exceptions are determined by the advisor, department/division chair, and the Vice President for Academic Affairs.

Students should consult department listings for specific information and work with their advisor in planning an internship or externship experience.

SENIOR ESSAYS (499 courses)

Senior Essays are projects requiring scholarly research. Departments determine specific eligibility requirements, the amount of credit awarded, and the academic requirements. Since Senior Essays are part of the academic program, they have academic requirements comparable to course work. In general, for every one hour credit, students will spend a minimum of 45 hours of work. Students may receive from one to three hours of credit for a Senior Essay.

CONFERENCE COURSES

A Conference Course is any course listed as a regular course in the College Catalog and taught with special arrangements to a limited number of students in an office or conference setting.

A Conference Course may be arranged only under the following conditions:

1. The student requesting the course demonstrates a need to take the course that particular semester due to circumstances beyond his or her control;
2. The student receives written permission to take a Conference Course from the professor teaching the course, the Department Chair, and the Vice President for Academic Affairs. The written permission must be filed with the Registrar prior to registration.

Approval for a Conference Course will not generally be granted if the course is being taught as a regular offering that particular semester or if the student wants to repeat the course to expunge a grade of “D+”, “D”, “F”, or “FA.”

FIELD EXPERIENCE (PRACTICA)

Students in the Teacher Education Program are placed in a school setting, for credit, to observe and to gain practical experience. The Teacher Education Program is outlined on pages 104-114.

VALUES BASED LEARNING PROGRAM

The Values Based Learning Program was established in 2005 with a mission to prepare students to be active, engaged citizens, by incorporating service-learning into their educational experiences in a way that celebrates Martin Luther’s concept of “Christian Vocation.” Luther used this term to indicate that all of us, in whatever roles we play, are called to serve our neighbors and the world and that this service is rooted in our deepest values. Newberry College, with its Lutheran identity, actively promotes service as part of its academic mission and as a way of preparing students for lives of civic engagement. The VBLP takes the lead in this challenge by (1) promoting service-learning, where a community service activity is incorporated into an academic class and connected to the learning goals of the class; (2) working with campus groups and teams to identify and support service activities that include a reflective component; (3) encouraging the development of the skills and attitudes necessary for active citizenship; (4) advising ECHO (Each Committed to Helping Others), the campus service organization; and (5) offering Civic Engagement Fellowships that fund student service programs in the community. The office of Dr. Joseph McDonald, the Director of the Values Based Learning Program, is located in Keller Hall.

Values Based Learning Credits

The Values Based Learning Program also offers students the opportunity to earn recognition for their service-learning activities by accumulating VBL credits. There are three levels of recognition: completing seven credits, completing 10 credits, and completing 13 or more credits. Students earn these VBL credits by completing courses with a service-learning component, by participating with a campus group or team in an activity that the VBLP has designated as a service-learning activity, and through independent projects approved by the VBLP as service-learning projects. The VBLP determines the number of credits that can be earned through the group, team, and individual service projects. For classes, the number of VBL credits equals the number of credit hours offered by the course. Students earning credits must complete at least one 3-hour course offering VBL credit.

Students may fulfill the remaining credits through any combination of the following requirements:

1. Completing ethics courses beyond the Core requirement with a “C” or better.
2. Passing any course designated as offering VBL credit and receiving a grade of “C” or better on the service-learning activity.
3. Participating in service-learning activities undertaken by campus organizations (Greeks, athletics, etc.) for the number of credits determined in advance by agreement with the VBL Program.
4. Devising and completing an independent service-learning project for the number of credits determined in advance by agreement with the VBL Program.

MILITARY SCIENCE/RESERVE OFFICERS’ TRAINING CORPS (ARMY ROTC)

The Army ROTC program at Newberry College is designed to enhance a student’s college education by providing unique training and practical experience in leadership and management techniques essential to success in any career. Upon graduation from Newberry College, contracted Cadets who have successfully completed ROTC training are awarded a commission as a Second Lieutenant in the U.S. Army, U.S. Army National Guard, or the U.S. Army Reserve.

Army ROTC is a chance to develop skills for success such as confidence, self-esteem, motivation, and the ability to lead others and make decisions. If students want to build towards a successful future, Army ROTC is one of the smartest college courses they will ever take. ROTC does not interfere with other academics, athletics, or extracurricular activities, but rather supports in developing well rounded leaders.

Newberry College ROTC is cross-enrolled with Presbyterian College’s Army ROTC program. Freshman, sophomore, and junior level Military Science classes are taught at Newberry College. Senior Cadets meet for class at Presbyterian College along with the Senior Cadets from Lander University. Additionally, labs are conducted at Presbyterian College on Thursday afternoons. Labs are optional for non-contracted students. Labs are fun and challenging and include live firing weapons at the local range, land navigation course, patrolling using paintball, rappelling, and drill and ceremony. Transportation is provided.

Military Science Curriculum

To prepare students to become commissioned officers, the ROTC program combines college courses in military science and leadership with summer training. The military science curriculum consists of a two-year Basic Course and a two-year Advanced Course.

The **Basic Course** is normally taken during the freshman and sophomore years yet is open to all Newberry College students. Classes focus on important life skills as well as basic military skills. Topics include time management, values and ethics, goal setting, decision-making, problem solving, military customs and courtesies, land navigation, marksmanship, and patrolling. **There is no military obligation for participation in the Basic Course.** All ROTC books, uniforms, and equipment will be furnished at no cost to the student. Physical training and Thursday afternoon Lab classes at Presbyterian College are optional for non-contracted Basic Course students; however contracted Cadets are required to attend.

Some or all of the Basic Course requirements may be waived by the Professor of Military Science for students who have completed Junior ROTC programs or have military experience. Attendance at the Leadership Training Course may also be used as credit for the Basic Course.

The **Advanced Course** is limited to contracted Cadets or students who have completed (or have received credit for) the Basic Course requirements and are actively seeking to be a contracted Cadet. The Advanced Course provides instruction in advanced leadership strategies, military history, training management, tactics, logistics, and the military justice system. Physical training and Thursday afternoon Lab classes are mandatory for all Advanced Course Cadets. Cadets assume leadership positions on campus in which they plan, lead, and evaluate training for other Cadets. Additionally, Advanced Course Cadets attend the 30-day Leadership Development and Assessment Course at Fort Lewis, Washington, during the summer between junior and senior years.

The **Minor in Military Science Leadership** is 18 credit hours in advanced military science and related leadership training. Participation in this minor is contingent upon completion of the ROTC basic courses and acceptance by the Professor of Military Science as a contracted cadet in the Army ROTC Advanced Course.

Course Descriptions

See pages 137-139 for Military Science Leadership (MSC) Minor course descriptions. For additional information, contact the Professor of Military Science at 1-800-274-7682.

Please visit the ROTC Web Site at <http://www.newberry.edu/ROTC> or www.highlanderbn.com.

Contracting and Scholarships

Both men and women may enroll in ROTC, contract with the U.S. Army, apply for Army ROTC scholarships, and enter in the commissioning process. In order to become a contracted Cadet, a student must be medically qualified, meet the minimum physical fitness requirements, and have a minimum cumulative GPA of 2.00. To qualify for a scholarship, the student must have a cumulative GPA of 2.50.

There are several types of **scholarships** available. Army ROTC Scholarships include full tuition, fees, a book allowance, and a monthly living allowance. Students also receive room and board from Newberry College as an incentive for winning an ROTC scholarship. High school seniors applying to Newberry College may compete nationally for a four-year scholarship. Candidates interested in a four-year scholarship must apply prior to December of their senior year of high school. Applicants can receive assistance from the Department of Military Science in submitting applications. Newberry College students may apply for 4, 3.5, 3 and 2 year campus based scholarships. Sophomores may apply to attend the Leadership Training Course at Fort Knox, Kentucky, where they may win a two-year scholarship. Similar opportunities may also exist for juniors and select seniors.

All applicants must meet minimum standards in SAT/ACT scores, GPA, physical fitness, and be medically qualified by the U.S. Army. More information may be obtained by contacting the Department of Military Science.

Simultaneous Membership Program

Yet another way to get a head start in the Army and to pay for your education is through the Simultaneous Membership Program (SMP). This program allows students to become members of the Army National Guard or the Army Reserve while enrolled in Army ROTC. SMP students are paid by the Guard/ Reserve, plus they receive the ROTC stipend. Full ride Guaranteed Reserve Forces Duty Scholarships are also available for those that want to graduate, enter the civilian workforce, and serve their country one weekend a month and two weeks each summer as an officer in the National Guard or Reserves.

ROTC For Veterans

Army ROTC can help veterans make the most of their time invested and the experience they gained in the military. Their military experience could fulfill the necessary requirements for the ROTC Basic Course. This means that they could enroll directly in the Advanced Course. In addition to any financial assistance received from ROTC, veterans are still qualified to receive any and all VEAP/GI Bill/Army College Fund benefits to which they are entitled.

Core Curriculum

Satisfactory completion of courses in Military Science that award at least 2 semester hours satisfy the Physical Education requirements in the Core Curriculum in Area G.

ACADEMIC AREAS OF STUDY

DEGREES

Newberry College offers four accredited baccalaureate degrees: the Bachelor of Arts, the Bachelor of Music, the Bachelor of Music Education, and the Bachelor of Science.

Bachelor of Arts (B.A.)

Within the Bachelor of Arts degree program, students may major in one of the following fields: Art (Concentrations in Studio Art and Graphic Design), Church Leadership (Concentrations in Church Administration, Youth Ministry, Music Ministry, Christian Education), Communications, English, History, Music (Applied Music—Band Instrument, Organ, Piano, or Voice; Church Music, and Music Theory), Political Science, Psychology, Religion and Philosophy, Sociology and Theatre (Concentrations in Acting, Directing, and Technical Production). In addition, non-traditional adult students may earn a B.A. in Business with a concentration in Organizational Management through fastFORWARD, a blended online format program.

Bachelor of Music (B.M.)

Students who pursue a major in Musical Performance earn a Bachelor of Music degree. (See pages 142-143.)

Bachelor of Music Education (B.M.E.)

Students who wish to teach either choral or instrumental music generally pursue a Bachelor of Music Education degree. (See pages 143-144)

Bachelor of Science (B.S.)

Within the Bachelor of Science degree program, students may major in Biology, Business Administration, Chemistry, (Biochemistry and Forensic Science Concentrations), Early Childhood Education, Elementary Education, Mathematics, Middle School Education, Nursing, Physical Education (Leisure Services, Sport Management, and Teacher Certification). Students may also receive a Bachelor of Science degree through a cooperative dual-degree program with other universities and institutions, pages 51-52. Non-traditional adult students may also earn a B.S. degree in Early Childhood Education through fastFORWARD, a blended online format program.

MAJORS

Every degree candidate must complete all requirements for one of the major fields of study offered by Newberry College. Major and minor requirements and course descriptions begin on page 63.

Each major is designed to guide students through the acquisition of specialized knowledge of an academic discipline or professional area. Some majors include preparation for specific careers. All majors ensure that students develop the skills of critical thinking, effective communication, and ethical decision-making that are appropriate within the discipline or area.

The program of study required for each major includes a minimum of 30 semester hours of credit beyond the Core Curriculum, at least 12 of which are in upper-level (300-400) courses. Specific course requirements begin on page 69.

Regulations for formal declaration of a major appear on pages 42-43.

Each degree candidate selects a major field of study by the beginning of the junior year. Some major field requirements also satisfy Core Curriculum requirements.

MINORS

A student may elect to pursue an optional minor. The program of study for each minor includes a minimum of 12 semester hours. Some courses in minors may require prerequisites in other fields. Thirty-two minors are offered: Art, Biology, Business Administration, Chemistry, Church Leadership, Church Leadership AIM, Church Music, Coaching, Communications, Computer Science, Creative Writing, Criminal Justice, Education, English, Environmental Science, Graphic Design, History, Jazz Studies, Mathematics, Military Science Leadership, Music, Philosophy, Physics, Political Science, Psychology, Religion, Social Work, Sociology, Spanish, Speech, Sport Management, and Theatre.

Specific course requirements for minors are listed in the section entitled Majors, Minors, and Concentrations beginning on page 68.

The process of acquiring a liberal arts education is, by its nature, a lifelong one. The Core Curriculum, the major, and an optional minor can combine to initiate the student into this continuing quest for knowledge.

The purpose of the minor is to strengthen the bachelor's degree by providing a bridge between the student's field of concentration and the broad-based liberal arts Core curriculum.

The role of the major is to give depth to a student's program of study; viewed from this perspective, the optional minor adds an important measure of breadth. From the standpoint of the Core Curriculum, the minor adds a dimension of depth by allowing the student to pursue a secondary area of concentration.

One of the central objectives of Newberry College is to provide the resources through which the student may "gain a basic knowledge of the arts, humanities, social sciences, and natural sciences as expressions of human culture and as ways of understanding the world and our place in it." By offering the minor, the College lends solid support not only to this objective but also to the liberal arts tradition as a whole.

Minor requirements will be under the College Catalog in effect at the time the Minor Form is signed. Eight hours of the minor must be completed at Newberry College.

ELECTIVES

Each student has the opportunity to select courses that are not a part of the Core, Major or Minor requirements. The student is free to select any course in this Catalog, realizing that certain courses list prerequisites needed before enrollment.

NON-MAJOR AND NON-MINOR COURSES OF STUDY

In addition to majors and minors, the curriculum includes courses in Accounting (ACC), College Life (COL), Economics (ECO), Geography (GEO), Greek (GRE), Honors (HON), Humanities (HUM), Science (SCI), and Social Sciences (SSC), which students may select as electives or as program requirements for various majors and minors. Course descriptions are provided in an alphabetic listing by discipline.

MAJORS, MINORS, and CONCENTRATIONS

1. Department of Biology and Chemistry

| Degree | Major | Concentration | Minors |
|---------------|--------------|-------------------------------|-----------------------|
| B.S. | Biology | Teaching: Secondary Biology | Biology |
| | Chemistry | Biochemistry | Chemistry |
| | | Forensic Science | Environmental Science |
| | | Teaching: Secondary Chemistry | |

2. Department of Business

| Degree | Major | Concentration | Minors |
|---------------|-------------------------|---------------------------|-------------------------|
| B.A. | Business | Organizational Management | |
| B.S. | Business Administration | | Business Administration |

3. Department of Education

| Degree | Major | Concentration | Minors |
|---------------|-------------------------|----------------------|---------------|
| B.S. | Early Childhood | | Education |
| | Elementary Education | | |
| | Middle School Education | | |

4. Department of English, Literature, and Languages

| Degree | Major | Concentration | Minors |
|---------------|--------------|-----------------------------|------------------|
| B.A. | English | Teaching: Secondary English | English |
| | | | Creative Writing |
| | | | Spanish |

5. Department of History and Social Sciences

| Degree | Major | Concentration | Minors |
|---------------|-------------------|------------------------------------|-------------------|
| B.A. | History | Teaching: Secondary Social Studies | History |
| | Political Science | | Political Science |
| | Psychology | | Psychology |
| | Sociology | | Criminal Justice |
| | | | Social Work |
| | | | Sociology |

6. Department of Mathematics, Physics, and Computer Science

| Degree | Major | Concentration | Minors |
|---------------|--------------|---------------------------------|------------------|
| B.S. | Mathematics | Teaching: Secondary Mathematics | Computer Science |
| | | | Mathematics |
| | | | Physics |

7. Department of Military Science

| Degree | Major | Concentration | Minors |
|---------------|--------------|----------------------|-----------------------------|
| | | | Military Science Leadership |

8. Department of Music

| Degree | Major | Concentration | Minors |
|---------------|-----------------|---|---------------------------------------|
| B.A. | Music | Applied Music Church Music Music Theory | Church Music Jazz Studies Music |
| B.M.E. | Music Education | Choral Instrumental Teaching: Music (PK-12) | |
| B.M. | Performance | | |

9. Department of Nursing

| Degree | Major | Concentration | Minors |
|---------------|--------------|----------------------|---------------|
| B.S. | Nursing | | |

10. Department of Physical Education

| Degree | Major | Concentration | Minors |
|---------------|--------------------|--|------------------------------|
| B.S. | Physical Education | Leisure Services Sport Management Teaching: Phy. Ed. (PK-12) | Coaching Sport Management |

11. Department of Religion, Philosophy, and Church Leadership

| Degree | Major | Concentration | Minors |
|---------------|--|--|---|
| B.A. | Religion & Philosophy Church Leadership | Religion Philosophy Church Administration Christian Education Music Ministry Youth Ministry | Religion Philosophy Church Leadership Church Leadership AIM (Associates in Ministry Certification) |

12. Department of Theatre, Visual Arts, and Communications

| Degree | Major | Concentration | Minors |
|---------------|----------------|---|-----------------------|
| B.A. | Theatre | Acting Directing Technical Production | Speech Theatre |
| | Art | Studio Art Graphic Design | Art Graphic Design |
| | Communications | | Communications |

CURRICULUM REQUIREMENTS FOR A NEWBERRY COLLEGE DEGREE

The candidate for a degree from Newberry College qualifies by satisfactorily completing a minimum of 126 semester hours with the proper grade-point average including specified courses, by satisfying the Communication Across the Curriculum Program requirement (page 44) and by fulfilling the Fine Arts and Lectures requirement (page 44). The degree program includes the Core Curriculum, major field requirements, electives, and the Fine Arts and Lectures requirement.

Regardless of which major is chosen, degree candidates include in their program of study specified areas of work designed to broaden training and to provide a foundation on which to build a liberal arts education.

2007 CORE CURRICULUM REQUIREMENTS FOR A NEWBERRY COLLEGE DEGREE FOR STUDENTS WHO ENTERED NEWBERRY COLLEGE ON OR AFTER AUGUST 17, 2007

The Newberry College Core Curriculum requires **52-56** semester hours of **ALL** students in the following areas:

A. COLLEGE LIFE 1-3 hours

1. COL 101, First Year Experience- Introduction (**2 hours**) and
2. COL 102, First Year Experience-Engagement (**1 hour**), or
3. COL 105 (**1 hour - Music majors only**)

B. ORAL AND WRITTEN COMMUNICATION SKILLS 9 hours

1. SPE 110 (**3 hours**)
2. ENG 111, 112 (**6 hours**)

C. HUMANITIES AND FINE ARTS 9 hours

1. One ENG course from ENG 221 or higher (**3 hours**)
2. One designated course from ENG, HUM, PHI, SPA 300 level Literature, ART 211, MUS 150/151, SPE 204 (**3 hours**), or HON 101 or HON 102 (**4 hours**)
(*PHI 110 or HUM 101 do not satisfy the Humanities/Fine Arts requirement of the Core.*)
3. Three semester hours of ART, MUSIC, or THEATRE courses, as designated by department (**3 hours**) Music Education majors take MUS 342.

OR - HON 101 & HON 102 satisfy **all** Core class requirements for **Area C**.

Note: Music majors are encouraged to take art or theatre to broaden their perspectives.

D. NATURAL SCIENCES AND MATHEMATICS 10-12 hours

1. One designated Laboratory Science (BIO, CHE, PHY, or SCI) (**4 hours**)
 2. One designated MAT course (**3-4 hours**)
 3. One additional course from BIO, CHE, PHY, SCI, CSC, MAT, PHI 110, SSC 230, HON 201, or HON 202 (**3-4 hours**)
- **OR - HON 201 & HON 202** satisfy Core requirements for **D1 & D3**

E. HISTORY AND SOCIAL SCIENCES 9 hours

1. HIS 111, 112, 121, or 122 (**3 hours**)
 2. TWO 3-hour courses, selected from TWO different of the following areas:
ECO, GEO, HIS, POS, PSY, SOC (**6 hours**) or HON 301 or HON 302
- **OR - HON 301 & HON 302** satisfy **all** Core class requirements for **Area E**.

F. RELIGION AND ETHICS 12 hours

1. Complete one of the options: 1-a or 1-b (**6 hours**)
 - a) REL 111 and REL 112; or
 - b) REL 110 and any additional religion or ethics course or MUS 341.
2. One of the following Reformation courses: (**3 hours**) HIS 322, REL 203, REL 207, REL 322, REL 380
3. One of the following ethics courses: (**3 hours**)
BUA 311, PHI 120, PHI 220, PHI 312, REL 213, SCI 114

Note: Students taking REL 111 or REL 112 may not take REL 110 or vice versa.

G. PHYSICAL EDUCATION 2 hours

1. Two semester hours selected from:
TWO different PHYSICAL EDUCATION activity courses: PHE 099, PHE 100, PHE 101, PHE 102, PHE 103, PHE 104, PHE 108, PHE 109, PHE 110, PHE 111, PHE 112, PHE 113, PHE 114
or MUE 101 and ONE PHYSICAL EDUCATION activity course;
or MILITARY SCIENCE courses (**2 hours**)

Note: Student athletes participating in varsity level sports at Newberry College earn 1 hour credit for each full season of participation (up to a total of 2 hours), which may be substituted for Physical Education activity courses.

H. OTHER GRADUATION REQUIREMENTS

1. **COMMUNICATION ACROSS THE CURRICULUM PROGRAM**
(CACP) – See requirements page 44.
2. **FINE ARTS & LECTURES EVENTS (FAL)** – See requirements page 44.
3. **TECHNOLOGY** – All students must pass a Basic Use of Computers Competency Test. See requirements page 45.

DEGREE PROGRAMS WITH OTHER UNIVERSITIES, INSTITUTIONS

See pages 51-52.

Forestry and Environmental Management Duke University

Medical Technology Palmetto Baptist Medical Center

PRE-PROFESSIONAL PROGRAMS

See pages 52-53.

Dentistry

Law

Medicine

Occupational Therapy

Pharmacy

Physical Therapy

Veterinary Medicine

INDIVIDUALIZED MAJOR

Students whose interests cross traditional disciplinary and departmental lines, and who are not interested in the possibility of a dual major, may design their own major under the direction of two faculty advisors. A student who undertakes this challenge works with his or her advisors to prepare a proposed study plan that includes the major’s relevance to the student’s academic goals and career interests. (NOTE: Because of accreditation and other issues, individualized majors may not be suitable in certain combinations of disciplines.)

Plans for individualized majors must be approved by two faculty advisors in the disciplines of the proposed degree and the Vice President for Academic Affairs. Approved plans reflect the coherence and depth of a traditional major. Other degree requirements, such as Core Curriculum, remain in effect for students pursuing individualized majors.

Students may apply for an individualized major any time after completion of the first semester of work at the College and not later than the beginning of the junior year. A GPA of at least 2.5 is required for approval. Interested students should consult with their academic advisors or the Vice President for Academic Affairs as early as possible in their careers at the College.

Requirements for the Individualized Major

(1) At least 42 semester hours in courses that constitute a coherent field of study outside of traditional disciplinary lines, including at least three semester hours representing a culminating integrative experience in the major (e.g., a senior essay, an independent study project, or an internship, or other capstone experience).

(2) At least 18 semester hours from a single department.

(3) Approval by two faculty advisors and the Vice President for Academic Affairs.

MAJOR , MINOR, AND CONCENTRATION REQUIREMENTS AND COURSE DESCRIPTIONS

COURSE NUMBERS

A change in course numbering has been indicated in the Catalog by placing the new number followed by the old number in parentheses on the line above the course title, for example, EDU 232 (PSY 332) Students will not receive additional credit for such a course if the course is taken more than one time. In the example, students will not receive credit for both EDU 232 and PSY 332.

098-099 level courses provide developmental studies for students. Placement in these courses is based on ACT/SAT scores. These courses will not be included in the required course load of an average of 30 hours per academic year to acquire or maintain LIFE scholarships.

100 level courses introduce the basic content and fundamental methods of an academic discipline. Whether designed for prospective majors, non-majors, or transients, course content assumes that students have no prior exposure to the field of study. Although enrollment is unrestricted, freshmen and sophomores typically predominate.

200 level courses include broad surveys of the disciplinary tradition and careful elaborations of the principles underlying its subdivisions. Course content requires little experience in the areas and provides students with particular, intentional guidance. Enrollment often includes students from every classification.

300 level courses involve specialized treatment of narrow issues within the discipline or development of professional skills for its practice. Intended for students pursuing a major or minor, course content builds upon the knowledge and abilities acquired in earlier course work. Enrollment comprises juniors and seniors, but some sophomores with appropriate preparation may be admitted.

400 level courses include seminars, independent study courses, and experiential learning opportunities. Course content demands significant amounts of self-directed research by students who are culminating a protracted pursuit of the discipline. Enrollment is restricted to juniors and seniors in the field.

FREQUENCY OF COURSE OFFERINGS

The frequency with which each course is offered is stated in the description of each course. Courses not required for the major, minor, or the Core Curriculum may be offered upon consultation with the department chair and advisor. The courses are designated as “Offered at departmental discretion.”

EXPLANATION OF COURSE LABEL

Each course is labeled with a prefix designating the course type or discipline (ENG—English), a number designating the course level (111—course typically taken by freshmen), the name of the course (Freshman Composition and Introduction to Library Research), and a number in parentheses (3) designating the number of semester hours credit the course awards.

PREREQUISITE AND COREQUISITE DEFINITIONS

Prerequisite is a mandatory course or specified requirement prior to taking an advanced course. Corequisite is an academic course required to be taken in conjunction with another course.

SUBJECT AREA ABBREVIATIONS:

| | | | |
|-----|---------------------------|-----|-----------------------------------|
| ACC | Accounting | HUM | Humanities |
| ART | Art | ISC | International Studies & Commerce |
| BIO | Biology | MAT | Mathematics |
| BUA | Business Administration | MSC | Military Science |
| CHE | Chemistry | MUA | Applied Music |
| COL | College Life | MUE | Music Ensembles |
| COM | Communications | MUS | Music |
| CRW | Creative Writing | NUR | Nursing |
| CSC | Computer Science | OMP | Organizational Management Program |
| ECE | Early Childhood Education | PHE | Physical Education |
| ECO | Economics | PHI | Philosophy |
| EDU | Education | PHY | Physics |
| ELE | Elementary Education | POS | Political Science |
| EMD | Middle School Education | PSY | Psychology |
| ENG | English | REL | Religion |
| FRE | French | SCI | Science |
| FSC | Forensic Science | SOC | Sociology |
| GEO | Geography | SPA | Spanish |
| GER | German | SPE | Speech |
| GRE | Greek | SSC | Social Sciences |
| HIS | History | SWK | Social Work |
| HON | Honors | THE | Theatre |

Accounting (ACC)

Department of Business
Joe Franklin, Department Chair

Accounting Faculty:
Assistant Professor: Leighton Hartzog

See pages 83-84 for Business Administration major and minor requirements

Course Descriptions

ACC 210. Principles of Financial Accounting. (3)

A user-oriented introduction to the financial accounting process and the analysis and interpretation of financial accounting information. Emphasizes the objectives and format of general purpose financial statements; the major financing, investing, and operating activities of the typical firm; and how these activities are reflected in general purpose financial statements.

Offered every semester.

ACC 220. Principles of Managerial Accounting. (3)

Prerequisite: ACC 210.

A user-oriented introduction to traditional and contemporary accounting systems to facilitate managerial planning and control. Emphasizes the analysis and interpretation of internal accounting information to support operational, tactical, and strategic decision-making.

Offered every semester.

ACC 311 Intermediate Accounting I (3)

Prerequisite: ACC 220

An in-depth study of the theory and practice of corporate financial reporting. Focuses on generally accepted accounting principles, which form the foundation for the study of income determination, balance sheet presentation, and cash flow reporting. Deficiencies in current standards, as well as emerging issues, are presented as appropriate. ACC 311 emphasizes the theoretical foundations of general purpose financial reporting, the conceptual framework, the accounting cycle, and asset valuation and disclosure.

Offered on demand.

ACC 331 Fundamentals of Taxation.(3)

Prerequisite: None

A study of the public policy implications of the federal income tax and the impact of taxes on businesses and individuals. Establishes a framework for tax planning and decision making.

Offered on demand.

ACC 462 Auditing. (3)

Prerequisite: ACC 210

Prerequisite or co-requisite: ACC 352

A study of the theoretical concepts and professional standards underlying the attestation process. Focuses on procedures used in the audit process, including evidence gathering, analysis, and reporting. Students are encouraged to take one of the recommended ethics courses either before or in conjunction with ACC 462.

Offered on demand.

Art (ART)

Department of Theatre, Visual Arts, and Communications

Patrick Gagliano, Department Chair

Art Faculty:

Professor: Bruce Nellsmith

Associate Professor: Tania Sosiak

Assistant Professors: Paula Riddle

Adjunct Professor: Marjorie Huwa

All societies and all peoples have for all time created art in order to understand the world, to document the world, and to change the world. Much of what we know of the history, experiences, and evolution of humanity, we have gathered from the study of art, architecture, and artifacts. From cave paintings to Gothic cathedrals to computer imaging, art has defined and will continue to define humanity. The Art curriculum is designed to prepare the student to understand and accept the challenges of the past, embrace the present, and approach the future with integrity and insight.

The Art curriculum is designed to:

- (1) provide students with skills and experience necessary to become active, exhibiting fine artists;
- (2) prepare students to pursue graduate study;
- (3) create young artists with the integrity, quality, and ability to have some positive and progressive impact on the world of art and on their community;
- (4) expose students to a variety of media and new technologies that may serve to expand each artist's vision beyond the traditional art forms.

Although the Art curriculum places an emphasis on traditional forms of art such as painting, sculpture, printmaking, and drawing, students have pursued careers in advertising, museum studies, art history, architecture, commercial and fashion design. Other options include landscape architecture, arts management, graphic design for television and movie studio productions, illustration and layout design for magazines.

Major Requirements

Students pursuing a B.A. degree and majoring in Art have two concentrations from which to choose: Studio Art and Graphic Design. All students majoring in Art must complete a total of 36 semester hours in a prescribed course of study.

Art Major (B.A. degree): Studio Art Concentration (33 hours)

Students majoring in Art with a concentration in Studio Art must complete ART 101, 102, 161, 171, 211, 221, 231, 241; six additional hours in drawing, painting, printmaking, or clay art ceramics; and three elective hours from the Art area, which may include ART 220 and ART 320 for a total of 33 hours. Six hours must be at the 300-400 level.

Art Major (B.A. degree): Graphic Design Concentration (36 hours)

Students majoring in Art with a concentration in Graphic Design must complete ART 101, 161, 211, 220, 221, 261, 264, 320, 361, 461, 464 (6 hours) for a total of 36 hours.

Art Minor in Graphic Design (15 hours)

The Art minor in Graphic Design requires ART 161, ART 220 or 320; ART 261, 361, or 461, and ART 464 for a total of 15 hours.

Art Minor Requirements (15 hours)

The Art minor requires 15 hours in addition to ART 181 or ART 211 for a total of 15 hours.

Core Curriculum

The Art courses meeting the Core Curriculum requirements in the Fine Arts, Area C-3, are Art 101, Introduction to Studio Art and Art 181, Basic Arts Concepts and Techniques.

The Art course that meets the Core Curriculum requirements in the Humanities, Area C-2, is Art 211, Art Awareness.

FEES

- Art 101, 102, 131, 171, 181, 221, 231, 241, 242, 271, 274, 321, 331, 342, 343, 372, 375, 376, 421, 422, 431, 432—A \$75 fee is charged to cover cost of materials.
- Art 161, 261, 361, 461, 464—A fee of \$85 is charged.
- Art 220, 320—A fee of \$95 is charged.

ART STUDY-ABROAD PROGRAM

The Department of Art offers the opportunity to receive academic credit for study abroad through an articulation agreement with the University of Georgia Studies Abroad, Cortona, Italy. Credit may be earned for a summer, a semester, or two semesters. Normally, the cost of tuition, room, and board will not exceed expenses for the same period of time on the Newberry College campus. Most or all academic scholarships and financial aid apply towards the cost of the program. Tuition is paid, just as in a normal semester on campus, at Newberry College.

This opportunity is available to majors and non-majors alike with the recommendation of the Art Faculty.

COURSE SEQUENCE:

Each studio course designated with (3*) carries three semester hours credit and meets for four hours each week. Courses should be taken in numerical sequence in area of study.

Course Descriptions

ART 101. Studio Art I. (3)

A studio course introducing a variety of materials and methods of artistic expression through studio experiences in drawing, printing, painting, and three-dimensional work. This course is designed as an introduction to art for the non-art major as well as the art major.

Art 101 satisfies the Core Curriculum requirement for Fine Arts, Area C-3.

A \$75 fee is charged for cost of materials. Offered every semester.

ART 102. Three Dimensional Design. (3*)

Basic concepts of three-dimensional art and design are investigated via problem solving projects employing a variety of materials, processes and tools.

A \$75 fee is charged for the cost of materials. Offered spring semester.

ART 131. Watercolor I. (3)

Methods and techniques designed to introduce the beginning student to watercolor as both a sketching, problem solving, planning medium for the artist, as well as a medium suitable for finished works.

A \$75 fee is charged for the cost of materials. Offered fall semester.

ART 161. Computer Graphics I. (3)

An introduction to the fundamentals of computer graphics and graphic design. Design problems with an emphasis on building and developing the critical, aesthetic judgments employed by artists as related to composition, design, color, message, etc. Problems are explored within the context of computer software and graphic design.

A fee of \$85 is charged. Offered every semester.

ART 171. Clay Arts/Ceramics I. (3)

Introduction to ceramics including throwing techniques, hand building, and clay as a medium for sculpture. The history of ceramics is examined from its roots as craft or utilitarian vessels, its significance as a surface for decoration, and/or narrative images up to its elevation as a contemporary art form.

A \$75 fee is charged for cost of materials. Offered spring semester.

ART 181. Art Concepts and Techniques. (3)

An Art Appreciation Course. A lecture and studio course covering the techniques and concepts that artists employ including media, methods, theory, composition, style, and content presented within the context of the historical period that best represents the respective subject. Various concepts/exercises are explored up to Contemporary Art.

ART 181 satisfies the Core Curriculum requirement for Fine Arts, Area, C-3.

A fee of \$75 is charged for the cost of materials. Offered every semester.

ART 211. Art Awareness. (3)

A slide lecture/discussion introduction to the visual arts, topical rather than historical in approach. This course is designed to give the student an understanding of the visual arts through the examination of its nature, structure, and criticism.

ART 211 satisfies the Core Curriculum requirements for Fine Arts, Area C-2. Offered every semester.

ART 220 (COM 220). Principles of Digital Photography. (3)

A basic course in capturing and manipulating still images using various techniques and technologies. This course is highly recommended for visual artists for understanding lighting, emotion, action, and story telling in still media. This course will be offered as a course centered around digital photography and Photoshop software.

Recommended for Art majors. A \$95 fee will be charged for this class. Offered spring semester.

ART 221. Drawing I. (3*)

Prerequisites: ART 101 or ART 181 or permission of instructor.

An introduction to basic drawing media and methods consisting of the study of the Masters' drawings, drawing from observation, and abstraction. Emphasis placed on technique, method, composition, abstract qualities, and content.

A \$75 fee is charged for cost of materials. Offered every semester.

ART 231. Painting I. (3*)

Prerequisites: ART 101 or ART 221 or permission of instructor.

An introduction to basic painting media and methods consisting of the study of old and contemporary Masters' works, color theory, composition, and technique. Subjects covered include landscape, still-life, the figure, and abstraction.

A \$75 fee is charged for cost of materials. Offered every semester.

ART 241. Printmaking I. (3)

Prerequisites: ART 101 or ART 221 or permission of instructor.

An introduction to relief, intaglio, and monotype processes.

A \$75 fee is charged for cost of materials. Offered at departmental discretion.

ART 242. Printmaking II. (3)

Prerequisite: ART 241.

Intermediate problems in intaglio. Emphasis is placed on new and experimental methods of printmaking, including intaglio, monotypes, plastic, copper plate etching and aquatints.

A \$75 fee is charged for cost of materials.

Offered at departmental discretion and taught in conjunction with ART 241.

ART 261. Graphic Design I/ Production Practices. (3)

Prerequisites: ART 161, ART 221.

Application of design principles covered in ART 161. Design elements used in identity and campaign research preparation using Photo-shop, Illustrator, Painter, Quark, and MAC applications.

A fee of \$85 is charged. Offered every semester.

ART 264. History of Graphic Design. (3)

A slide and lecture introduction to the history of graphic design. This class will cover graphic design starting with the invention of writing, the invention of the printing press to graphic design in the age of information.

This course will be conducted in chronological order.

Offered fall semester, alternate years.

ART 271. Clay Arts/Ceramics II. (3)

Prerequisite: ART 171.

Intermediate problems in ceramics including more advanced exploration of the clay arts form. Emphasis is placed on the production of larger scale, more finished pieces, and the development of individual concepts and techniques.

A \$75 fee is charged for cost of materials.

Offered at departmental discretion and taught in conjunction with ART 171.

ART 274. Sculpture I. (3*)

Prerequisite: ART 102.

Introduction to sculpting techniques and construction techniques in a variety of media including welded steel, sandstone, clay, wood, and simple casting techniques.

A \$75 fee is charged for cost of materials. Offered at department discretion.

ART 320, Web Design. (3)

Prerequisite: ENG 112.

A course designed around the fundamentals of digital photography, manipulation of graphics, and Web design. This course will focus on two main topics: First, the use of digital photography and graphics in the mass media to provide students opportunities to use these skills in creating Web pages. Second, the theory and practice of Web design. Students will learn the art of writing for web pages as well as the aesthetic and theoretical foundations of Web page design.

A \$95 fee will be charged to cover the maintenance of the digital cameras and the costs for both the digital and graphic design programs. Offered spring semester.

ART 321. Drawing II/Life Drawing. (3*)

Prerequisite: ART 221.

Directed study with an introduction to various media. Emphasis placed on drawing from the live model and anatomy.

A \$75 fee is charged for the cost of materials. Offered at departmental discretion.

ART 331. Painting II/Life Painting. (3*)

Prerequisites: ART 221, 231.

Intermediate problems in painting with an emphasis on the exploration of media. Emphasis on painting from the live model and anatomy.

A \$75 fee is charged for the cost of materials. Offered at departmental discretion.

ART 342, 343. Printmaking III. (3*)

Prerequisite: ART 241.

Advanced problems in printmaking, with an emphasis on developing individual concepts and exploring complex and experimental methods.

A \$75 fee is charged for cost of materials.

Offered at departmental discretion and taught in conjunction with ART 241.

ART 361. Graphic Design II. (3)

Prerequisite: ART 261.

Advanced design solutions and presentation techniques resulting in dynamic layout for print portfolio. The student works closely with professors to produce a Design Portfolio evaluated by a multi-member review panel.

A fee of \$85 is charged. Offered every semester.

ART 372. Art for Early Childhood/Elementary Teachers. (3)

An introduction to the materials and methods of organizing artistic activities for children, including teaching strategies, developmental theories, and historical bases, with studio experiences in art media for children.

Required of all Early Childhood and Elementary Education majors.

A \$75 fee is charged for the cost of materials. Offered every semester.

ART 375, 376. Clay Arts III. (3*)

Prerequisite: ART 271.

Advanced problems in clay arts and ceramics, with an emphasis on the realization and production of a personal oeuvre and the exploration of complex and experimental techniques. The chemistry of glazes, clay bodies, and a variety of firing techniques will also be covered.

A \$75 fee is charged for the cost of materials.

Offered at departmental discretion and taught in conjunction with ART 171.

ART 421, 422. Drawing III. (3*)

Prerequisite: ART 321.

Drawing for the advanced student with an emphasis on developing individual concepts and techniques. A \$75 fee is charged for the cost of materials.

Offered at departmental discretion and taught in conjunction with ART 321.

ART 431, 432. Painting. (3*)

Prerequisite: ART 331.

Painting for the advanced student with an emphasis on individual concepts and techniques. A \$75 fee is charged for the cost of materials.

Offered at departmental discretion and taught in conjunction with ART 331.

ART 461. Advanced Application of Computer. (3)

Advanced application of computer, Design elements will be used in identity and campaign research, development of visual collateral and publications using Photoshop, Illustrator, Quark, and MAC applications. Further development of the student's portfolio will be done in this class. Budget and time constraints will be placed on students for them to have more practical experience.

A fee of \$85 is charged. Offered at departmental discretion.

ART 464. Senior Graphic Design Portfolio. (6)

Prerequisite: ART 361. (For graduating seniors—last semester.)

Comprehensive preparation for all graphic design students. Course will include weekly portfolio review, resume and cover letter preparation specifically geared towards the design industry, networking training and interview preparation. In addition, students will be required to visit various graphic design studios and advertising agencies (various field trips) to get more familiar with what is anticipated from them after graduation.

A fee of \$85 is charged. Offered at departmental discretion.

ART 490. Special Studies. (1-12)

Research, New, Experimental, or Collaborative Art Forms, Study Abroad, or topics that are not covered by the regular curriculum offered by the Department of Art. Proposals for Special Studies require the prior approval of the Chair of the Department and may require the approval of the Vice President for Academic Affairs. Additional costs may apply when studies involve travel or off-campus settings.

This course is repeatable. Six hours required for Graphic Design majors.

ART 491, 492. Independent Study. (1-3, 1-3)

Self-directed study in a specialized area of art.

Enrollment limited to juniors and seniors with permission of Department Chair.

Subject to rules and regulations on page 56.

ART 495. Internship. (1-6)

Internships are directed learning in a professional work environment or non profits organization related to the Visual Arts field. Limited to Art majors and minors. Proposals for an Internship may require the prior approval of the Chair of the Department and may require the approval of the Vice President for Academic Affairs. Additional costs may apply when studies involve travel or off-campus settings.

Subject to rules and regulations on page 57.

Biology (BIO)

Department of Biology and Chemistry
Charles Horn, Department Chair

Biology Faculty:

Professor: Charles Horn

Associate Professor: Bret Clark

Assistant Professor: Catherine Lovett

Adjunct Faculty: Cynthia Aulbach, Gil Anderson, Charles Floyd

The Department offers a course of study designed to enable students to pursue a graduate degree in Biology or Chemistry; teach; pursue a career in Forensic Science; enter an Allied Health program such as Medicine, Dentistry, Pharmacy, Optometry, Physical Therapy; enter Veterinary School; or any other related scientific field.

The completion of the course of study for the Bachelor of Science degree in Biology will prepare a student for professional schools of medicine, dentistry, forestry, and veterinary medicine as well as prepare a student for admission to graduate schools of biology. In addition, the Department offers a prescribed program of courses for students who wish to become certified as secondary-level biology teachers.

Graduates with a Biology degree are expected to: (1) possess an awareness of nature, its laws and its impact on humans; (2) integrate science and technology into their daily activities; (3) properly collect and analyze data; (4) communicate effectively, both orally and in writing, in their chosen field; (5) possess a basic knowledge of their subject matter.

Some of the courses required for biology majors may have prerequisites that will require additional course work; some may fulfill Core requirements.

In order to emphasize the concepts and principles that underlie the topics covered by the department, laboratory investigations are utilized with lectures, discussions, library work, and individual research projects.

Independent study and directed laboratory research are available in connection with some courses. Lectures and seminars are sponsored by the department to complement the curricular programs.

- **Biology:** See pages 76-77 for Biology major and minor and pages 78-83 for course descriptions.
- **Chemistry:** See pages 87-89 for Chemistry major and minor and pages 90-94 for course descriptions.
- **Chemistry Major with Biochemistry Concentration:** See page 88 for Chemistry major with Biochemistry concentration.
- **Chemistry Major with Forensic Science Concentration:** See page 88 for Chemistry major with Forensic Science concentration and pages 90-94 for course descriptions.
- **Chemistry Major with Secondary Education Concentration:** See page 89 for Chemistry major with Secondary Education concentration.
- **Environmental Science:** See page 78 for requirements for Environmental Science minor.
- **Forestry and Environmental Management:** See pages 51-52 for description of Dual-Degree Program with Duke University.
- **Medical Technology:** See page 52 for description of Dual-Degree Program with Palmetto Baptist Medical Center.
- **Science:** See pages 188-189 for courses descriptions.

Biology Major (B.S. degree) Requirements (54 hours)

A Bachelor of Science degree in biology requires a total of 54 hours which includes

- 26 hours of required courses in Biology 121, 122, 201, 212, 322, 331, 481, 482,
- 12 hours of electives in Biology from 200 level or higher, with 8 hours at the 300-400 level;
- 13 hours in Chemistry 113, 114, 231, 241;
- 3 hours in Mathematics 150.

A student who receives a "B" or better grade in Biology 101 or 130 may use that course to fulfill the Biology 121 requirement.

It is recommended that majors complete Mathematics 200 and 211 and Chemistry 211.

Students preparing for professional schools in medicine, optometry, pharmacy, dentistry, and veterinary medicine are advised to take Chemistry through 232 and Physics 213 and 214 (prerequisite: Mathematics 211) prior to the end of their junior year in order to be prepared for professional school entrance examinations.

Students preparing to attend graduate school programs in Biology are advised to take two semesters of a foreign language, Biology 111, Mathematics 200, 211, Chemistry 232, and Physics 213 and 214. A chemistry, mathematics, or physics minor is excellent preparation for graduate programs in Biology. Students seeking to apply to a College of Veterinary Medicine should major in biology or chemistry. They then need to complete courses in biology, chemistry, mathematics, and physics to prepare for the GRE or VCAT.

It is recommended that students beginning the B.S. program take Biology 121 and Chemistry 113 during their first semester.

Biology Teacher Certification (B.S. degree) Requirements (64 hours)

Students who wish to become certified for public school teaching must complete the requirements for teacher certification (page 105) and must take the following

- 38 hours of Biology: 121, 122, 201, 212, 215, 216, 322, 331, 391, and 431;
- 8 hours of Chemistry: 113, 114;
- 7 hours of Mathematics: 150, 200;
- 4 hours of Physics: 101 or 213;
- 7 hours of Science: 110 and 321.

Students who plan to qualify for certification at the secondary level should major in the academic field for which certification will be sought and minor in Education. Graduation with a concentration in Education does not guarantee state certification. In order to be certified by the state of South Carolina, candidates must pass all required PRAXIS II series tests and meet all certification requirements.

Candidates should take EDU 224 and EDU 230 during their freshman year. EDU 232 should be taken during the sophomore year. These classes are prerequisites for all other education courses. All candidates must pass, or exempt, Praxis I reading, writing, and mathematics tests and apply for and be admitted to the Teacher Education Program in order to take 300- and 400-level education courses. Additional courses required for the secondary education concentration are EDU 300, EDU 342, EDU 382, EDU 455, EDU 480, and EDU 483. Schedules for otherwise qualified transfer students will be considered on an individual basis.

All candidates, regardless of major, complete a minimum of 108 hours of field experience in a public school prior to student teaching.

Dual Degree Programs

Newberry College has dual-degree programs with the following institutions:

Forestry and Environmental Management Duke University
Medical Technology Palmetto Baptist Medical Center

Students who attend three years at Newberry College receive a B.S. degree in Biology from Newberry College upon successful completion of one year at the other institution and a degree from the cooperating university or institution after completion of the specialized degree program.

For course requirements and degrees offered, see pages 51-52.

Minor Requirements

Biology Minor (24 hours)

The Biology minor requires 24 hours as follows: Biology 121; 322; 12 additional hours of Biology courses or Science 112 except Biology 101, 102, 110, 111, 391, 481, 482, 491, 492, 495, or 499 (see note at top of next page concerning Biology 101); and Chemistry 113 (as a prerequisite for Biology 322).

A student cannot count both Science 112 and 114 toward the minor. A student who receives a “B” or better grade in Biology 101 or 130 may use that course to fulfill the Biology 121 requirement.

Environmental Science Minor—For Non-Biology Majors (24 hours)

An Environmental Science minor requires 24 hours (including 8 hours applicable to the Core) as follows: Biology 121, 122, 201, Chemistry 113, and Science 110, 112. Any two of these courses fulfill Core requirements for laboratory science. For Biology 121, students may substitute Biology 101 with a grade of “B” or better. Environmental Science students are also recommended to take Biology 322, 402, 431 and Chemistry 114.

Environmental Science Minor—For Biology Majors (12 hours)

Three courses (12 hours) are required beyond the Biology major: Biology 402 and 431 (one must be used for the Biology major) as well as Science 110 and 112.

Core Curriculum

All four-hour Biology courses satisfy the Core Curriculum requirements in Natural Sciences, Area D-1.

All three- and four-hour Biology courses satisfy the Core Curriculum requirements in Natural Sciences, Area D-3.

FEES:

A \$95 fee is charged *each* semester for *each* laboratory course. Lab courses receive four semester hours of credit.

Course Descriptions

BIO 101. Principles of Biology. (4)

An introduction to the major areas of biology including scientific method, cells, reproduction and development, Mendelian genetics, evolution, and biotechnology. Three lecture and three laboratory hours per week. Designed for the non-major.

BIO 101, BIO 121, or BIO 130 can be taken to satisfy the Core Curriculum requirement, Area D, but only one may count for such.

Required of all Early Childhood and Elementary Education majors. Offered every semester.

BIO 102. Diversity of Life. (4)

A study of the structure, function, reproduction and ecology of plants and animal. Emphasis will be on relationships to humans, both biologically and economically. Three lecture and three laboratory hours per week. Designed for the non-major.

Offered at departmental discretion.

BIO 110. Human Heredity. (3)

Prerequisite: BIO 101 or permission of instructor.

A non-laboratory course with emphasis on the transmission and expression of genetic information in humans. Topics include: introduction to Mendelian and molecular genetics; mutation and the genetic code; sex determination; hereditary disorders and genetic counseling; genetic aspects of intelligence and behavior; and the implications of genetic technology. *Designed for any student with an interest in human heredity.*

Offered spring semester.

BIO 111. Latin and Greek Bioscientific Terminology. (1)

A survey of the stem, root, bases, prefixes, and suffixes derived from both Latin and Greek, used in the formation of English biological terminology.

Recommended for all Biology majors.

Offered fall semester.

BIO 121. Biological Science. (4)

An introduction to biological science including scientific methods, biological molecules, cell structure and metabolism, genetics, taxonomy, evolution, and biotechnology. For majors and others who anticipate advanced work in biology.

Three lecture and three laboratory hours per week.

A student must receive a C or better in this course to continue with the Biology major.

BIO 101, BIO 121, or BIO 130 can be taken to satisfy the Core Curriculum requirement, Area D, but only one may count for such.

Offered fall semester.

BIO 122. Zoology. (4)

Prerequisite: BIO 121.

A general study of the animal kingdom, including invertebrates and vertebrates. Diversity, anatomy, physiology, life cycles, and classification will be emphasized. Three lecture and three laboratory hours per week.

Required for Biology major.

Offered spring semester.

BIO 130. Human Biology. (4)

An introduction to the principles of biology using the human as a model organism. The course will cover biomolecules, heredity, development, structure and function of the human body, and the relationship of humans to their environment. Three lecture and three laboratory hours per week.

BIO 101, BIO 121, or BIO 130 can be taken to satisfy the Core Curriculum requirement, Area D, but only one may count for such.

Offered fall semester.

BIO 200. Local Flora. (3)

A study of plants which collectively form the spring or summer flora of South Carolina. Work will emphasize an understanding of flower parts, plant families, and methods of using taxonomic keys to identify plants to scientific name. Included will be information on common names, ecology and economic importance of these plants. Extensive field trips within the piedmont region of the state will be an important component of the course.

Offered only during summer terms.

BIO 201. Botany. (4)

Prerequisite: BIO 121.

A study of the morphology, reproduction, anatomy, physiology, and ecology of fungi and plants. Three lecture and three laboratory hours per week.

Required for Biology major.

Offered fall semester.

BIO 212. Microbiology. (4)

Prerequisite: BIO 121.

A general study of microorganisms, including bacteria and viruses. Topics covered will be prokaryotic cell structure, metabolism, genetics, classification, ecology, and human diseases. Three lecture and three laboratory hours per week.

Required for Biology major.

Offered spring semester.

BIO 215. Human Anatomy and Physiology I. (4)

Prerequisites: BIO 101, BIO 121, or BIO 130 with a grade of "C" or better.

An introductory course in the study of human structures and their functions. Three unifying themes will emphasize the complementarities of structure and function, the interrelationships among organ systems, and the function of tissues, integument, skeletal, muscular, and nervous systems will be addressed. Three lecture and three laboratory hours per week.

Offered fall semester.

BIO 216. Human Anatomy and Physiology II. (4)

Prerequisites: BIO 101, BIO 121, or BIO 130 with a grade of "C" or better.

An introductory course in the study of human structures and their functions. Three unifying themes will emphasize the complementarities of structure and function, the interrelationships among organ systems, and the homeostasis through neural and hormonal integration. The structure and function of the cardiovascular, respiratory, lymphatic, immune, urinary, reproductive, and endocrine systems will be addressed. Human nutrition and metabolism as it relates to these systems will also be addressed. Three lecture and three laboratory hours per week.

Offered spring semester.

BIO 220. Pharmacology and Toxicology. (3)

Prerequisites: MAT 150, BIO 212 (or concurrent), and BIO 216.

A study of pharmacology and its practical application. This course is designed to acquaint the student with the basic understanding of drugs and other substances used in the treatment of disease. Emphasis will be placed on classification of drugs based on their effects and therapeutic usage, source of drugs, standards and regulations, weights and measures, conversions, labeling, and pharmacy maintenance. This course is also an introduction to pharmacological toxicology.

Offered at departmental discretion.

BIO 301. Biochemistry I. (4)

Prerequisites: BIO/CHE 301 and CHE 231 with a grade of "C" or better or permission of instructor.

This course will provide an introduction to biochemistry and cell biology, building on the fundamental concepts from biology and chemistry. The structure and function of amino acids, proteins, carbohydrates, nucleotides and lipids will be covered. Fundamental concepts of cellular structure and function will be reinforced. Understanding of acid-base equilibrium will be extended to biological systems. Enzyme kinetics, catabolic and anabolic pathways will be introduced. Proton, electron transport as well as oxidation-reduction will be covered. Three lecture hours and three laboratory hours per week.

This course is the same as CHE 301. No credit will be awarded to students who have taken CHE 301.

Offered fall semester.

BIO 302. Biochemistry II. (4)

Prerequisites: BIO/CHE 301 and BIO 331 with a grade of "C" or better.

Quantitative aspects of biochemistry, kinetics, thermodynamics and spectroscopy will be covered, as well as biochemical aspects of molecular genetics. Biological polymers will be covered in detail. The hormonal regulation and the integration of metabolism will be covered in detail. Methods of molecular biology will be introduced. Three lecture hours and three laboratory hours per week.

This course is the same as CHE 302. No credit will be awarded to students who have taken CHE 302.

Offered every other spring semester.

BIO 312. Virology. (3)

Prerequisite: BIO 212.

An introduction to viruses, particularly those involved with human disease. Topics to be covered include virus structure and classification, viral-host interactions, and viral replication patterns. Three lecture hours a week; no laboratory.

Intended for Biology majors, particularly those with an interest in health-related professions.

Offered at departmental discretion.

BIO 314. Histology. (4)

Prerequisites: BIO 121 and 122.

Microscopic study of the fundamental tissues of the animal body; the fundamentals of histological techniques to include multiple methods of slide preparation and evaluation of slides. Three lecture and three laboratory hours per week.

Offered at departmental discretion.

BIO 315. Comparative Vertebrate Anatomy. (4)

Prerequisite: BIO 121.

A comparison of vertebrate systems and their phylogenetic relationships. Three lecture and three laboratory hours per week.

Offered fall semester.

BIO 321. Animal Development. (4)

Prerequisite: BIO 121.

A comparative study of invertebrate and vertebrate embryonic development and morphogenesis. Three lecture and three laboratory hours per week.

Offered spring semester.

BIO 322. Genetics. (4)

Prerequisites: 12 hours of Biology, CHE 113.

A study of the structure, function, and inheritance of genes. Laboratory exercises will emphasize independent experimentation and statistical analysis of genetic data. Three lecture and three laboratory hours per week.

Required for Biology major.

Offered spring semester.

BIO 331. Cell Biology. (4)

Prerequisites: BIO 121 and accompanied or preceded by CHE 231 or permission of instructor.

A study of the structure and function of eukaryotic cells, membranes, and organelles. Three lecture and three laboratory hours per week.

Required for Biology major.

Offered fall semester.

BIO 332. Economic Botany. (4)

Prerequisite: BIO 201 or permission of instructor.

A study of plants and their importance to humans, including use for aesthetics, foods, spices, drinks, clothes, homes, industry, medicines, and misused drugs. Labs will include field trips. Three lecture and three laboratory hours per week.

Offered spring semester, even-numbered years.

BIO 342. Immunology. (4)

Prerequisite: BIO 212.

Study of Immunological mechanisms of the vertebrate body to include antigen structure and types, effectors of the immune response, and control of the immune response. Immunodiagnostics, immunity to infectious agents and cancer, and disorders of the immune system will be addressed. Three lecture and three laboratory hours per week. *Offered at departmental discretion.*

BIO 391. Investigative Biology. (2)

Prerequisite: BIO 122, 201, or 212.

Students will design and conduct a scientific investigation. The results of the investigation will be reported in both an oral and written report. Six laboratory hours per week.

Required for students pursuing secondary level teacher certification in Biology.

Offered at departmental discretion.

BIO 401. Advanced Biochemistry and Molecular Biology. (4)

Prerequisites: BIO/CHE 301 with a grade of "C" or better, or permission of instructor.

Macromolecular structures and conformations will be investigated as well as methods of physical biochemistry. Protein-ligand interactions and thermodynamics will be covered. Regulation of metabolic cycles and hormones will be covered. DNA technology and methods of molecular biology will be covered in detail. The biochemistry of selected disease states will be covered in the form of case study investigations with discussions. Three lecture hours and three laboratory hours per week.

This course is the same as CHE 401. No credit will be awarded to students who have taken CHE 401.

Offered every other spring semester.

BIO 402. Field Biology. (4)

Prerequisites: BIO 122 and 201 or permission of instructor.

A study of field and laboratory techniques and taxonomic criteria used in studying groups of plants and animals. Labs will include field work. Three lecture and three laboratory hours per week.

Offered fall semester, even-numbered years.

BIO 412. Molecular Biology. (4)

Prerequisites: BIO 322, CHE 231.

A study of gene structure, organization, and expression in prokaryotes and eukaryotes. Emphasis will be placed on DNA and RNA structure; DNA replication, repair, recombination, and rearrangement; transcription, translation, RNA splicing, and the regulation of gene expression; and recombinant DNA methodology. Three lecture and three laboratory hours per week.

Offered at departmental discretion.

BIO 431. Ecology. (4)

Prerequisites: BIO 122 or 201, CHE 113, and MAT 150 or higher.

A study of the relationship between organisms and the environment in which they live. Labs will include field work. Three lecture and three laboratory hours per week.

Offered fall semester.

BIO 481. Seminar. (1)

Students will critique paper presentations by their peers enrolled in the course, current faculty members, and visiting scholars. This course will be graded pass/fail based on attendance and critiques completed.

This course is the same as CHE 481; no credit will be awarded to students who have taken CHE 481.

Required of all junior Biology majors.

Offered spring semester.

BIO 482. Seminar. (1)

Students will prepare and present a paper on a topic of their choosing in consultation with a departmental faculty member. Topics may be chosen from student research or current research published in a peer reviewed journal or symposium issue (no textbooks). Students will critique papers presented by their peers, current faculty members, and visiting scholars.

This course is the same as CHE 482; no credit will be awarded to students who have taken CHE 482.

Required of all senior Biology majors.

Offered spring semester.

BIO 491, 492. Research in Biology. (1-4, 1-4)

Prerequisite: A minimum of 3.0 GPA in science courses and permission of instructor.

A scientific research project completed under the direction of a Biology faculty member.

Offered on demand.

BIO 495. Internship. (2-4)

Prerequisite: Twenty hours of Biology courses.

Independent work at an off-campus location to apply college course work to a job situation, learn about a possible career and gain career related skills. Approval is required of both a Newberry College biology faculty member and an onsite supervisor.

Subject to restrictions and regulations on page 57.

Offered on demand.

BIO 499. Senior Essay. (1-3)

Prerequisite: A minimum of 3.0 in science courses and permission of instructor.

A scholarly research paper completed under the direction of a Biology faculty member.

Subject to restrictions and regulations on page 58.

Offered on demand.

Business Administration (BUA)

Department of Business

Joe Franklin, Department Chair

Business Faculty:

Professor: Joe Franklin

Assistant Professors: Leighton Hartzog, Gerald Seals, Paul D. Smith

Adjunct Faculty: George Edward Rollins, III, Jr., Fredrick Wiegand

The Department of Business offers a curriculum designed to enable its majors to work in manufacturing, service, and other related industries, and to pursue graduate studies. Upon graduation, departmental majors are expected to: (1) possess a basic knowledge of the functional areas of business; (2) understand the important business and economic issues of society; (3) communicate effectively, both orally and in writing, the results of intellectual inquiry of business and economic issues; (4) use computers to collect and analyze data; and (5) understand the impact of business decisions on society.

All Business majors are required to participate in an event to evidence an understanding of the basic principles and theories of their respective fields.

Course Descriptions

See pages 69-70 for course descriptions in Accounting (ACC).

See pages 84-86 for course descriptions in Business Administration (BUA).

See pages 101-102 for course descriptions in Computer Science (CSC).

See page 103 for course descriptions in Economics (ECO).

See pages 160-161 for course descriptions for Organizational Management (OPM)

Major Field

Business majors study the language, functions, techniques, and creative opportunities involved in the control and operation of the business firm. They also study the theoretical and analytical processes of rational decision making in economic activity.

Business Administration Major (B.S. Degree) Requirements (51 hours)

The major in Business Administration consists of 51 hours including:

- 6 hours: Accounting 210 and 220;
- 33 hours: Business Administration 210, 220, 260, 311, 341, 342, 351, 361, 432, 462 and 472;
- 6 hours: Economics 210 and 220;
- 3 hours: Mathematics 200 or Social Sciences 230;
- 3 hours: from Art 320, Business Administration 273, 274, 373, 374, 473 and 474 or Computer Science 155 or Mathematics 211 or English 371 or any 300- or 400-level Business Administration/ Economics elective.

Business Administration majors are encouraged to take MAT 211, ECO 340, ENG 371, and a CSC elective. *Note: The Mathematics, Social Sciences, and Computer Science courses have Mathematics prerequisites.*

(Economics 210 or 220 partially fulfills the Core requirements in Area E-2; MAT 200 can be used to satisfy the requirements of either Area D-2 or Area D-3.)

Non-Departmental Majors

Non-departmental majors may minor in Business Administration and must take 18-21 hours as prescribed. Some of the courses required for the minor may have prerequisites that will require additional course work; some courses may fulfill Core Curriculum requirements.

Business Administration Minor

In order to declare a Business Administration minor, a student must have at least an overall “C” average in ACC 210 and 220, BUA 210, and ECO 210.

A Business Administration Minor consists of 21 hours: ACC 210 and 220; BUA 210, 220, 260; ECO 210 and 220.

ECO 210 and 220 are prerequisites for all other economics courses. ACC 210 is a recommended prerequisite to all other Economics courses.

Core Curriculum

ECO 210 or 220 partially satisfies the Core Curriculum requirement in History and Social Sciences, Area E.

Course Descriptions

BUA 210. Business Law. (3)

A study of the legal environment of business. Emphasizes the study of administrative law and the agency concept that regulates business. Exposure to topics such as performance contracts, personal property law, negotiable instruments, debtor-creditor relationships, agency law, and employment law.

Offered every semester.

BUA 220 (320). Principles of Marketing. (3)

Prerequisite: ACC 210.

Prerequisite or co-requisite: ECO 220.

An overview of domestic and international marketing focusing on the marketing mix system (i.e., product, price, communication, and distribution). Introduces consumer behavior and marketing research. Ethical issues are integrated into all phases of the course.

Offered every semester.

BUA 260 (360). Principles of Management. (3)

Prerequisite: Sophomore standing and ACC 210 or permission of instructor.

Prerequisite or co-requisite: ECO 220.

An introduction to the management process of planning, organizing, leading, and controlling. Includes contemporary topics such as managing diversity, globalization, and ethical issues.

Offered every semester.

BUA 273, 274. Students in Free Enterprise, I, II. (1, 1)

BUA 273 Prerequisite: Permission of instructor.

BUA 274 Prerequisite: BUA 273 and permission of instructor.

An introductory course for the first-year SIFE student. Focuses on the SIFE mission, objectives, and programs. Students will assist with SIFE programs and participate in community outreach programs.

BUA 273 offered fall semester.

BUA 274 offered spring semester.

BUA 311. Business Ethics. (3)

Prerequisites: ACC 210 and BUA 210.

A study of the moral and ethical environment in which businesses operate and its relationship with the legal environment. Examines the necessity for firms to develop and abide by an ethic of social responsibility in addition to traditional profit maximization goals.

Offered fall semester.

BUA 341 (340). Corporate Finance. (3)

Prerequisites: ACC 210; ECO 220; MAT 200 or SSC 230.

A study of the major financing investment, and dividend policies adopted by corporations to maximize shareholder value. Focuses on the financial environment of the firm, working capital management, capital budgeting, and other financial policies.

Offered fall semester.

BUA 342. Personal Finance. (3)

A study of personal financial matters including long term financial planning techniques, insurance, investments, income taxes, consumer purchases, use of credit and budgeting.

Offered spring semester.

BUA 351. Management Information Systems. (3)

Prerequisite: ACC 210. Prerequisite or co-requisite: BUA 260.

An overview of the methods organizations use to gather, organize, and disseminate information to facilitate effective and efficient managerial decision making. Includes information systems theory and practices as they relate to prevailing organization theory.

Offered fall semester.

BUA 361 (461). Human Resource Management. (3)

Prerequisites: ACC 210, BUA 210 and BUA 260.

A study of the management of the workforce. Includes motivation and job satisfaction theory, wage and salary administration, incentive plans, manpower planning, recruiting and hiring, and retirement programs.

Offered fall semester.

BUA 362. Production and Operations Management. (3)

Prerequisites: ACC 220; ECO 220; MAT 200 or SSC 230.

Prerequisites or co-requisites: BUA 220; BUA 260.

A study of the management of the conversion process in manufacturing and service organizations within a total quality management framework. Includes inventory and materials management, project planning and management, process design and management, and capacity management.

Offered at departmental discretion.

BUA 363 Small Business Management. (3)

A study of small business matters including entrepreneurship, forms of ownership, innovative products, franchising, sources of funding, and creating a business plan.

Offered at departmental discretion.

BUA 373, 374. Students in Free Enterprise III, IV. (1, 1)

BUA 373 Prerequisites: BUA 274 and permission of instructor.

BUA 374 Prerequisites: BUA 373 and permission of instructor.

A continuation of BUA 274. Students will assume added responsibilities for developing programs to meet the SIFE mission and objectives and conduct research necessary to produce teaching programs.

BUA 373 offered fall semester.

BUA 374 offered spring semester.

BUA 432. International Business. (3)

Prerequisites: BUA 210, BUA 220, and BUA 260.

Prerequisite or co-requisite: BUA 341.

A study of the international dimensions of business and how they affect the activities of the firm.

Emphasizes global and domestic factors affecting management decisions to move domestic operations abroad or vice versa, as well as the development and management of multinational corporate strategies.

Offered spring semester.

BUA 462. Organization Behavior. (3)

Prerequisite: BUA 260.

An examination of human behavior in organizations. Emphasizes organizational culture, performance management systems, leadership, and the future of human relationships in work environments.

Offered spring semester.

BUA 472. Strategic Management. (3)

Prerequisites: ACC 210; BUA 220; BUA 260; BUA 341; and senior standing.

A capstone course integrating all the functional areas of business. Focuses on the ways in which management strategies and policies affect total enterprise performance.

Offered spring semester.

BUA 473, 474. Students in Free Enterprise V, VI. (1, 1)

BUA 473 Prerequisites: BUA 374 and permission of instructor.

BUA 474 prerequisites: BUA 473 and permission of instructor.

A continuation of BUA 374. Students will assume leadership positions and be responsible for developing the programs for regional and international competition.

BUA 473 offered fall semester; BUA 474 offered spring semester.

BUA 480, 481. Selected Topics in Business. (3, 3)

Prerequisites: Permission of instructor.

An in-depth study of selected contemporary issues of significant import to any of the various sub-disciplines within business.

Offered at departmental discretion.

BUA 491, 492. Independent Study. (1-3, 1-3)

Independent study in a selected field or problem area of business related fields. The topic or problem to be studied will be chosen in consultation with departmental faculty under whose guidance the study will be conducted.

Subject to regulations and restrictions on page 56.

BUA 495, 496. Internships in Business Administration. (1-3, 1-3)

Prerequisite: Permission of instructor and department chair.

Students work part or full time in business and industry applying the concepts that they have learned in the classroom. Students become familiar with how the basic managerial functions are applied in a business or industrial setting.

Limited to majors in the department, subject to regulations and restrictions on page 57.

Offered after the completion of the student's junior year.

BUA 499. Senior Essay. (1-3)

Prerequisite: Permission of the instructor and senior standing.

Students undertake a project requiring scholarly research.

Subject to regulations and restrictions on page 58.

Chemistry (CHE)

Department of Biology and Chemistry
Charles Horn, Department Chair

Chemistry Faculty:

Associate Professors: Christina McCartha, Sid Parrish

Assistant Professor: Evelyn Swain

Adjunct Faculty: James Chocklett

Science Lab Manager: Marcus Johnson

The study of Chemistry at Newberry College offers opportunities for students to learn by asking questions and finding the answers. The department is focused on an active learning environment. The curriculum provides students with an opportunity to receive training in the central physical science while pursuing a liberal arts education. The program is designed based on American Chemical Society standards which gives students the training needed for- graduate school in chemistry related fields (forensic, physical, inorganic, organic, analytical, or environmental chemistry; biochemistry, molecular biology) or for those entering the work force immediately after graduation. Additionally, the Bachelor of Science degree in Chemistry will prepare a student for professional schools of medicine, dentistry, pharmacy, veterinary medicine as well as physical and occupational therapy. Students are introduced to the principles and applications of modern chemistry and provided extensive practical experience with research-quality instruments. Currently our department possesses a GC, HPLC, FT-IR, UV-VIS, AA, NMR, and GC-MS and all of these are used by students throughout their 4 year curriculum and in independent research projects. In addition, contemporary equipment and experimental methods routinely used in biochemistry, molecular biology and forensics are introduced in the classroom and laboratory. Chemistry, Chemistry with Forensic Chemistry concentration, Chemistry with Secondary Education concentration, and Chemistry with Biochemistry concentration majors gain a basic knowledge of analytical, inorganic, organic, biochemistry and physical chemistry. Additional courses are offered in environmental chemistry with minors available in Biology, Chemistry, and Environmental Science.

The Forensic Chemistry concentration is the first of its kind in South Carolina, Georgia, and North Carolina. Forensic Chemistry courses provide students with the opportunity to solve simulated cases and then defend their results, as if they were practicing professional forensic chemists. In addition to classroom and laboratory courses taught on the Newberry College campus, students will have ample opportunities for internships and job shadowing at a variety of sites within South Carolina, including the State Law Enforcement Division (SLED) offices in Columbia. Graduates will have a strong background in inquiry-based science and critical thinking skills, providing them with skills to be competitive in the job market, professional programs, and graduate school.

As of January 2009, Chemistry major with Secondary Education concentration is a newly approved degree at Newberry College through the South Carolina Department of Education. One of the most critical needs areas in the nation are highly qualified math and science teachers in particular Chemistry teachers. The concentration is designed as Chemistry major, so the student may pursue any pathway of a traditional Chemistry major with the versatility to also teach chemistry in high school, therefore increasing the student's marketability in this economy.

As of August 2010, Chemistry major with biochemistry concentration is a newly approved major at Newberry College. The Biochemistry concentration will be extremely beneficial to our chemistry majors, so they can develop expertise in methods used for DNA analysis. Moreover, students in pre-professional fields of study (medicine, dentistry, pharmacy, etc), will benefit from these courses, as biochemistry is at the forefront of biomedical research in the fight against diabetes, Alzheimer's disease and heart disease, to name a few.

Independent study and directed laboratory research are available in connection on campus as well as in collaboration with local universities and laboratories. Students may elect to work on lab development, investigative chemistry, undergraduate research, or an internship off campus.

Lectures and seminars are sponsored by the department to complement the curriculum. In addition, the nationally recognized Newberry College American Chemical Society Chapter routinely travel to local, regional, and national meetings to present their work.

Some of the courses required for the Chemistry major may have prerequisites that will require additional course work; some may fulfill Core requirements.

Course Descriptions

See pages 78-83 for course descriptions in Biology (BIO).

See pages 90-94 for course descriptions in Chemistry (CHE).

See pages 109-114 for course descriptions in Education (EDU).

See page 124-125 for course descriptions in Forensic Science (FSC).

See pages 134-136 for course descriptions in Mathematics (MAT).

See page 172 for course descriptions in Physics (PHY).

See pages 191-194 for course descriptions in Sociology (SOC).

Chemistry Major (B.S. degree) Requirements (68 hours)

A Bachelor of Science degree in Chemistry requires 68 semester hours including 48 semester hours of required chemistry courses:

- 38 hours of Chemistry: 113, 114, 211, 231, 232, 241, 242, 301, 321, 375, 445, 481, 482, 483;
- 10 hours (3 courses) from: Chemistry 302, 322, 330, 376, 401, 446, 480;
- 20 hours: Biology: 121; Mathematics: 211, 212; Physics: 213, 214;

Students are encouraged to take Chemistry 290, 391, and/or 491 to help develop laboratory and analytical thinking skills. Students attending graduate school are encouraged to take as many chemistry courses as possible. Students beginning the chemistry program should take Chemistry 113 and 114, Mathematics 150 and 211 during their freshman year.

Chemistry Major with Biochemistry Concentration (75-76 hours)

A Bachelor of Science degree in Chemistry with Biochemistry concentration requires 75-76 semester hours including:

- 38 hours of Chemistry: 113, 114, 211, 231, 232, 241, 242, 301, 321, 375, 445, 481, 482, 483;
- 10 hours of Biochemistry: Chemistry 302, 401, 491;
- 3-4 hours (1 course) from: Chemistry 322, 330, 376, 446, 480;
- 3 hours of Sociology: 246 or 347;
- 8 hours of Biology: 121, 331;
- 8 hours of Mathematics: 211, 212;
- 8 hours of Physics: 213, 214.

Students are encouraged to take Chemistry 290, 391, and/or 491 to help develop laboratory and analytical thinking skills. Students attending graduate school are encouraged to take as many chemistry courses as possible. Students beginning the chemistry program should take Chemistry 113 and 114, Mathematics 150 and 211 during their freshman year.

Chemistry Major with Forensic Science Concentration (78 hours)

A Bachelor of Science degree in Chemistry with Forensic Science concentration requires 78 semester hours including:

- 46 hours of Chemistry: 113, 114, 211, 231, 232, 241, 242, 301, 321, 322, 375, 445, 481, 482, and 483;
- 7 hours of Forensic Science: 211, 212, and 342;
- 6 hours (2 courses) from: Chemistry 302, 330, 376, 401, 446, 480, 491; Forensic Science 495;
- 3 hours of Sociology: 246 or 347.
- 4 hours of Biology: 121
- 8 hours of Mathematics: 211, 212;
- 8 hours of Physics: 213, 214.

(Chemistry Major with Forensic Science Concentration-continued)

Students are encouraged to take Chemistry 290, 391, and/or 491 to help develop laboratory and analytical thinking skills. Students attending graduate school are encouraged to take as many chemistry courses as possible. Students beginning the chemistry program should take Chemistry 113 and 114, Mathematics 150 and 211 during their freshman year.

Chemistry Major with Secondary Education Concentration (98 hours)

A Bachelor of Science degree in Chemistry with Secondary Education concentration requires 41 semester hours of chemistry; 22 hours of additional science and mathematics; and 36 hours of education courses including:

- 41 hours of Chemistry: 113, 114, 211, 231, 232, 241, 242, 301, 321, 330, 375, 391, and 445;
- 4 hours of Biology: 111, 121;
- 4 hours of Mathematics: 211;
- 8 hours of Physics: 201, 202 or 213, 214;
- 6 hours of Science: 114, 321;
- 36 hours of Education: 224, 230, 232, 300, 342, 382, 455, 480, and 483.

Students are also highly encouraged to take Chemistry 290, 391, and/or 491 to help develop laboratory and analytical thinking skills. Students attending graduate school are encouraged to take as many chemistry courses as possible. Students beginning the chemistry program should take Chemistry 113 and 114, Biology 121, Mathematics 150 and 211 during their freshman year.

Students who plan to qualify for certification at the secondary level should major in the academic field for which certification will be sought and minor in Education. Graduation with a concentration in Education does not guarantee state certification. In order to be certified by the state of South Carolina, candidates must pass all required PRAXIS II series tests and meet all certification requirements.

Candidates should take EDU 224 and EDU 230 during their freshman year. EDU 232 should be taken during the sophomore year. These classes are prerequisites for all other education courses. All candidates must pass, or exempt, Praxis I reading, writing, and mathematics tests and apply for and be admitted to the Teacher Education Program in order to take 300- and 400-level education courses. Additional courses required for the secondary education concentration are EDU 300, EDU 342, EDU 382, EDU 455, EDU 480, and EDU 483. Schedules for otherwise qualified transfer students will be considered on an individual basis.

All candidates, regardless of major, complete a minimum of 108 hours of field experience in a public school prior to student teaching.

Chemistry Minor Requirements (26 hours)

The Chemistry minor requires 25 hours as follows:

- Chemistry 113, 114, 211, 231, 241;
- one course from Chemistry 301, 321, or 445;
- two electives from Chemistry 232, 301, 302, 321, 322, 330, 375, 376, 445, 446, 480.

Chemistry 445 and 446 have prerequisites in mathematics and physics that require additional course work. Some of this work may fulfill Core requirements.

Core Curriculum

All four-hour **Chemistry** courses satisfy requirements in the Core Curriculum in Natural Sciences and Mathematics, Area D.

Forensic Science courses 211, 212 may satisfy the Core Curriculum requirements in Natural Sciences and Mathematics, Areas D-1 and D-3.

LABORATORY FEES:

A \$95 fee is charged *each* semester for *each* chemistry course *except* Chemistry 481, 482, 483, and 495.

A \$95 laboratory fee is charged for Forensic Science 212.

A \$150 laboratory fee is charged for Forensic Science 342.

Course Descriptions

CHE 101. Concepts in Chemistry I. (4)

Prerequisite: MAT 099 or higher.

The first in a two course series that focuses on the chemistry of the human body. Topics covered will include atomic structure and bonding, structure and reactivity of molecules, acid-base theory, stoichiometry, solution chemistry and an introduction to organic chemistry. This course is specifically designed to meet the needs of any non-science major, including pre-nursing students.

Three lecture and three laboratory hours per week.

CHE 101 or CHE 113 can be taken to satisfy the Core Curriculum requirement, but only one may count for such. Offered fall semester.

CHE 102. Concepts in Chemistry II. (4)

Prerequisite: CHE 101 with a "C" or better

The second of a two course series that focuses on the chemistry of the human body. Topics covered will include basic organic reactions, the structure and function of biomolecules, the production and consumption of energy in biochemical processes, and basic drug chemistry. This course is specifically designed to meet the needs of any non-science major, including pre-nursing students.

Three lecture and three laboratory hours per week.

CHE 102 or CHE 114 can be taken to satisfy the Core Curriculum requirement, but only one may count for such. Offered spring semester.

CHE 113. General Chemistry I. (4)

Prerequisite: MAT 099 or higher.

An introductory course in chemistry designed for science majors. Emphasizes chemical reactions, atomic and molecular structure, bonding, states of matter, solution chemistry, and descriptive aspects of organic chemistry. Three lecture and three laboratory hours per week.

CHE 101 or CHE 113 can be taken to satisfy the Core Curriculum requirement, but only one may count for such. Offered fall semester.

CHE 114. General Chemistry II. (4)

Prerequisite: CHE 113 with a grade of "C" or better.

A continuation of Chemistry 113. Emphasizes thermodynamics, gas behavior, kinetics, chemical equilibria, acid-base and precipitation reactions. Three lecture and three laboratory hours per week.

Offered spring semester. CHE 102 or CHE 114 can be taken to satisfy the Core Curriculum requirement, but only one may count for such.

CHE 210. Scientific Glassblowing. (1)

Co-requisite: CHE 231

This course is designed to teach students the basics of manipulating molten glass. Students will learn to repair glassware commonly used in the chemistry laboratory. Organic Chemistry I is a pre-requisite so students have experience using the pieces of glassware that they will be forming and repairing. The course will be graded solely on a student portfolio due at the end of the semester. One lecture hour and two lab hours per week.

Offered every semester.

CHE 211. Laboratory Safety. (1)

Prerequisite or co-requisite: CHE 113

A laboratory safety course with emphasis on precautionary labels, material safety data sheets, personal protective equipment, handling laboratory equipment safely; safe handling, storage, and disposal of chemicals; emergency equipment, and safety planning. Course is designed for science majors. Two laboratory hours per week.

Required for Chemistry major, minor, and concentrations. Recommended for all other science majors. Offered at departmental discretion.

CHE 231. Organic Chemistry I. (3)

Prerequisite: CHE 102 with a grade of "B" or better or CHE 114 with a grade of "C" or better.

Co-requisite: CHE 241

A study of the structure and bonding in alkanes, alkenes, aromatics, and alkynes; functional groups; stereochemistry; organic reactions and mechanisms. Three lecture hours per week.

Offered fall semester.

CHE 232. Organic Chemistry II. (3)

Prerequisite: CHE 231 with a grade of "C" or better.

A study of nucleophilic substitution, electrophilic substitution, elimination, addition, and rearrangement reactions; and multistep syntheses. Three lecture hours per week.

Offered spring semester.

CHE 241. Organic Chemistry Laboratory I. (2)

Prerequisite: CHE 102 with a grade of "B" or better or CHE 114 with a grade of "C" or better.

Corequisite: CHE 231

The laboratory will include hands-on experimentation with basic chromatography, spectroscopy, microscale and macroscale techniques including recrystallization, distillation, and extraction. Four laboratory hours per week.

Offered fall semester.

CHE 242. Organic Chemistry Laboratory II. (2)

Prerequisite: CHE 231 and CHE 241 with a grade of "C" or better.

Prerequisite or Corequisite: CHE 232

Laboratory will emphasize critical thinking through extensive practice in synthesis, problem solving, spectroscopy, and chemical analysis. Four laboratory hours per week.

Offered spring semester.

CHE 290. Laboratory Development. (1)

Prerequisite: CHE 113 and Departmental permission.

An opportunity for science majors to gain experience in the scientific method. Students will research, develop and test, and implement new chemistry laboratory experiments under the supervision of departmental faculty. Three laboratory hours per week.

Offered every semester.

CHE 301 (401). Biochemistry I. (4)

Prerequisites: BIO 121 and CHE 231 with a grade of "C" or better or permission of instructor.

This course will provide an introduction to biochemistry and cell biology, building on the fundamental concepts from biology and chemistry. The structure and function of amino acids, proteins, carbohydrates, nucleotides and lipids will be covered. Fundamental concepts of cellular structure and function will be reinforced. Understanding of acid-base equilibrium will be extended to biological systems. Enzyme kinetics, catabolic and anabolic pathways will be introduced. Proton, electron transport as well as oxidation-reduction will be covered. Three lecture hours and three laboratory hours per week.

This course is the same as BIO 301. No credit will be awarded to students who have taken BIO 301.

Offered fall semester.

CHE 302. Biochemistry II. (4)

Prerequisite: BIO/CHE 301 and BIO 331 with a grade of "C" or better.

Quantitative aspects of biochemistry, kinetics, thermodynamics and spectroscopy will be covered, as well as biochemical aspects of molecular genetics. Biological polymers will be covered in detail. The hormonal regulation and the integration of metabolism will be covered in detail. Methods of molecular biology will be introduced. Three lecture hours and three laboratory hours per week.

This course is the same as BIO 302. No credit will be awarded to students who have taken BIO 302.

Offered every other spring semester

CHE 321. Analytical Chemistry I. (4)

Prerequisite: CHE 114 with a grade of "C" or better.

The theory and practice of modern quantitative analytical chemistry. Students will learn the basic theory behind quantitative solution preparation and wet chemistry reactions. Students will also learn basic statistical analysis skills used in an analytical laboratory. In lab special attention will be paid to proper technique and students will continue to develop the skills necessary to be a competent chemist. Three lecture and three laboratory hours per week. *Offered fall semester.*

CHE 322. Analytical Chemistry II. (4)

Prerequisite: CHE 321.

The theory and practice of Instrumental Analysis. In this course students will learn the basic spectroscopic and chromatographic techniques which are replacing classical methods due to their speed and accuracy. The course will emphasize the molecular interactions which take place during an analysis and the design and maintenance of each instrument. Lab will focus on the application of different instruments to solve contemporary chemical problems. Three lecture and three laboratory hours per week.

Offered spring semester, even-numbered years.

CHE 330. Environmental Chemistry. (4)

Prerequisite: CHE 114.

The theory and application of chemistry to the environmental field. Covered topics include the environmental chemistry of water, soil, and air. The laboratories will use standard analytical and instrumental methods of detection. Quantitative analysis of soil, sediment, and water samples taken from the local environment will be performed in the laboratory. Three lecture and three laboratory hours per week.

Offered at departmental discretion.

CHE 375. Advanced Inorganic Chemistry. (4)

Prerequisite: CHE 114 with a grade of "C" or better.

An intermediate study of atomic and molecular structures, bonding, crystalline structures, and preparations and reactions of inorganic compounds with an emphasis on transition metal coordination compounds. Three lecture and three laboratory hours per week. *Offered at departmental discretion.*

CHE 376. Structural Organic Analysis. (4)

Prerequisites: CHE 231, CHE 241, and to be accompanied or preceded by CHE 232, CHE 242.

Data interpretation and identification by instrumental methods including IR spectroscopy, UV-VIS spectroscopy, mass spectrometry, and NMR spectroscopy.

Three lecture and three laboratory hours per week. *Offered at departmental discretion.*

CHE 391. Investigative Chemistry. (2)

Prerequisites: CHE 231 or CHE 321.

Students will conduct several inquiry-based experiments. Students will design and conduct a scientific investigation. The results of the investigation will be reported in both oral and written reports. Six hours of laboratory per week.

Offered at departmental discretion.

CHE 401. Advanced Biochemistry and Molecular Biology. (4)

Prerequisites: BIO/CHE 301 with a grade of "C" or better, or permission of instructor.

Macromolecular structures and conformations will be investigated as well as methods of physical biochemistry. Protein-ligand interactions and thermodynamics will be covered. Regulation of metabolic cycles and hormones will be covered. DNA technology and methods of molecular biology will be covered in detail. The biochemistry of selected disease states will be covered in the form of case study investigations with discussions. Three lecture hours and three laboratory hours per week.

This course is the same as BIO 401. No credit will be awarded to students who have taken BIO 401.

Offered every other spring semester

CHE 445. Physical Chemistry I. (4)

Prerequisites: CHE 114 with a grade of "C" or better and MAT 212 with a grade of "C" or better.

Recommended: PHY 213

Fundamentals of theoretical chemistry emphasizing the understanding and use of laws and theories of chemistry and physics. Topics include states of matter, physical and chemical properties of solids and solutions, chemical thermodynamics, and chemical equilibria. Three lecture and three laboratory hours per week. *Offered fall semester, even-numbered years.*

CHE 446. Physical Chemistry II. (3)

Prerequisites: CHE 445 with a grade of "C" or better. Recommended: PHY 214

A continuation of the fundamentals of theoretical chemistry emphasizing the understanding and use of laws and theories of chemistry and physics. Topics include electrochemistry, kinetics, quantum chemistry, molecular structure and molecular spectroscopy. Three lecture hours per week.

Offered spring semester, odd-numbered years.

CHE 480. Special Topics in Chemistry. (3-4)

Prerequisite: By permission of instructor.

The topic will be determined by the Instructor. Three lecture hours a week (three hours credit), or three lecture and three laboratory hours per week (four hours credit).

Offered at departmental discretion.

CHE 481. Seminar. (1)

Prerequisite: Junior Chemistry major.

Required of all Junior Chemistry majors.

Students will critique paper presentations by their peers enrolled in the course, current faculty members, and visiting scholars. This course will be graded pass/fail based on attendance, selection of a senior level project, and critiques completed.

Offered spring semester.

CHE 482. Seminar. (1)

Prerequisite: CHE 481.

Required of all Senior Chemistry majors.

Students will prepare and present a paper on a topic of their choosing in consultation with a departmental faculty member. Topics may be chosen from student research or current research published in a peer reviewed journal or symposium issue (no textbooks). Students will critique papers presented by their peers, current faculty members, and visiting scholars.

This course is the same as BIO 482; no credit will be awarded to students who have taken BIO 482.

Offered spring semesters 2011, 2012.

CHE 482. Seminar. (1)

Prerequisite: CHE 481.

Required of all Senior Chemistry majors.

Students will prepare a written summary of the project selected in CHE 481 including a summary of the background of the project, purpose of the research, hypothesis and results, and the work they completed. Topics may be chosen from student research or current research published in a peer reviewed journal or symposium issue (no textbooks).

Offered fall semester (starting Fall 2012).

CHE 483. Senior Capstone. (1)

Prerequisite: CHE 482 with a grade of "C" or better.

Required of all Senior Chemistry majors.

The students will present a 30 minute oral presentation which will include the background of the research, purpose of the research, hypothesis and results based on the paper completed in CHE 482. Students will critique presentations by their peers, current faculty members, and visiting scholars.

Offered spring semester (starting Spring 2013).

CHE 491. Research in Chemistry. (2-6)

Prerequisite: A minimum of "B" in science courses and permission of instructor.

A scientific research project completed under the supervision of a Chemistry faculty member.

Subject to rules and regulations on page 56.

Offered on demand.

CHE 495. Internship. (2-4)

Prerequisite: 20 hours of chemistry courses.

Independent work at an off-campus location to apply college course work to a job situation, learn about a possible career and gain career related skills. Approval is required of both a Newberry College chemistry faculty member and an onsite supervisor.

Subject to rules and regulation on page 57.

Offered on demand.

College Life (COL)

Director of the First Year Experience Program: Patrick Gagliano

COL 101. First Year Experience – Introduction (2)

COL 101 is a seminar course designed to introduce students to the Newberry College experience and prepare them for the academic expectations, social adjustments, values explorations, and service that will be essential for success. Using the theme "composing the self", the seminar examines the values and goals that the college celebrates: value of a liberal arts education, academic freedom, intellectual dialogue, openness to different points of view, citizenship, service, values development, ethical decision making, respect for diversity, and the Lutheran understanding of vocation.

Required of all freshmen during their first fall semester at Newberry College

College Life satisfies 2007 Core Curriculum requirements in College Life, Area A.

Offered fall semester.

COL 102. The First Year Experience – Engagement (1)

Prerequisite: COL 101

COL 102 continues the themes from COL 101 with a special focus on "engaging our world." Discussions and activities will examine the relationship between the self and the broader world of the Newberry campus, the larger Newberry community, and the world.

Required of all students during the spring semester following successful completion of COL 101 at Newberry College.

College Life satisfies 2007 Core Curriculum requirements in College Life, Area A.

Offered spring semester.

COL 105. The First Year Experience for Music Majors (1)

This is a special section of the First Year Experience designed for music majors only. It includes a synthesis of the material from COL 101 and 102, with the addition of subjects relevant to developing musicians such as musical expectations, practicing, avoiding performance injuries, and careers in music.

Offered fall semester.

COL 201. Peer Mentoring I. (2)

Prerequisite: COL 102 and permission of First Year Experience Mentor.

This course is designed for students who are serving as peer mentors in COL 101 Introduction to First Year Experience. The goal of the course is to provide teaching and learning about being effective peer mentors and to give peer mentors an opportunity to reflect on their experiences. Training includes effective communication techniques, conflict resolution, leadership, knowledge of campus resources, and more.

To be taken concurrently with specific COL 101 section. Graded on pass/fail basis.

Offered fall semester.

COL 202. Peer Mentoring II. (1)

Prerequisite: COL 201 and permission of First Year Experience Mentor.

This course continues the training for students who served as peer mentors in COL 101 and are serving as peer mentors in COL 102 The First Year Experience – Engagement. Special attention will be paid to techniques and activities that relate to the theme of “Engaging the World.”

To be taken concurrently with specific COL102 section

Graded on pass/fail basis. Offered spring semester.

COL 210. Building Your Personal Brand-Planning for Personal and Career Success. (1)

This course is designed for sophomores. Its purpose is to help students define success for themselves and create a plan and network of supports to achieve their goals.

COL 220. Foundations for Life and Money. (1)

This course is designed for freshmen and sophomores. Its purpose is to help students understand budgeting, saving, building wealth, debt, choosing loans, and the job market.

COL 300. Learning Leadership. (1)

Course will explore basic theories and concepts of leadership and personal values. Participants will identify personal leadership styles and skills and learn how to adapt and use them effectively in various life situations. This course is highly interactive and experiential in nature. Participants will be required to participate in many varied exercises.

Offered spring semester.

COL 310. Preparing for Internships or Graduate School. (1)

This course is designed for juniors. Its purpose is to prepare students for internships or applying to graduate schools. Students will prepare resumes, participate in mock interviews, prepare for pre-employment and admission testing.

COL 401: Career Success Seminar. (1)

Students will create and prepare to execute a successful career plan. Topics will include personal branding, defining success, and dressing for success. Activities will include resume writing and critique, interview preparation and mock interviews, and networking.

The course will be graded Pass/Fail.

The class will meet once a week for 8 weeks with two required out-of-class events.

The class is open to Sophomores, Junior, and Seniors

Offered spring semester.

Communications (COM)

Department of Theatre, Visual Arts, and Communications
Patrick Gagliano, Department Chair

Communications Faculty:

Associate Professor: Jodie Peeler

Assistant Professor: Al de Lachica

Adjunct Faculty: Mike Quinn

The curriculum of the Communications major combines technical training with a strong education in the theory, history, law and ethics of mass communication. The department is located in the Langford Communications Center, a facility equipped with a television studio and control room, digital editing suites, audio production facilities, a radio station, a computer lab and photographic darkrooms.

The Department of Communications offers students many opportunities to build their intellectual and professional skills in the areas of writing, conceptualization, and production of complicated media packages. The college's cable television station, radio station, student newspaper and Internet magazine give students opportunities for practical experience in their chosen fields, and internships with business and industry are also available.

Upon graduation students are expected to (1) possess general knowledge of the history of the communications industry and appreciate the ramifications of possible future developments; (2) have developed basic writing and production skills suitable for graduate programs and entry into the communications industry; (3) understand the role of conceptualization in any setting and be able to further develop such skills where needed; and (4) evaluate media productions based on the needs of the audience, a set of objectives, and relevant ethical and legal ramifications.

Communications Major (B.A. degree) Requirements (41 hours)

Requirements for a major in Communications include 41 hours of Communications as follows:

- 18 hours: COM 110, 121, 221, 231, 370, 480;
- 5 hours: COM 101 Communications lab;
- 18 hours in Communications, including 9 hours in courses at the 300 level or higher.

Students are encouraged to structure their academic program based on their individual interests and career goals.

Students interested in **Journalism** are strongly encouraged to take COM 321 and COM 495; ENG 371 and 458; ART 220; ART 320, and to consider electives in BUA, ECO, POS or SOC.

Students interested in **Public Relations** are strongly encouraged to take COM 241, 341, 441 and 495; SOC 101; SSC 230; and consider electives in POS, SOC or COM.

Students interested in **Electronic Media** are strongly encouraged to take COM 309, COM 323 and COM 423; SPE 202; THE 101, THE 103 & 104, and THE 212.

In addition, students who are considering **graduate school** are urged to take COM 391, COM 440 and COM 460.

COMMUNICATIONS MINOR REQUIREMENTS (20 HOURS)

The Communications minor includes 20 hours as follows: COM 110, 121, 231, 370; two hours of COM 101; and six additional hours in communications courses.

FEES

A \$75 fee is charged for each semester of COM 231, 311, 322, 323, 422, 423, 430, 431, 491, 492, and 499.

Course Descriptions

COM 101. Communications Lab. (1)

A lab designed to build the level of involvement of students within both departmental and non-departmental communication activities. Communications majors are required to take this class five times for credit. Communications students must spend at least one semester in each of the following media: print, audio, video, public relations.

Students may take more than one COM 101 section per semester only with permission from Communications faculty. Offered every semester.

COM 110. Introduction to Communication Arts. (3)

A survey course in the history, development, and current problems of the mass media (newspaper, magazines, radio, television, books, film, recorded music, and the Internet). Development in telecommunications technology will also be included.

Offered every semester.

COM 121. Introduction to Media Writing. (3)

Prerequisite: ENG 111

An introductory survey of writing for communication arts. Students will be exposed to several types of media writing, including art writing, screenplays, writing news for broadcast and print media, and writing press releases and advertisements. The course will also examine legal and ethical problems of media writing. Students will be expected to begin and maintain portfolios of their work.

Offered every semester.

COM 221. Intermediate Media Writing. (3)

Prerequisites: COM 121, ENG 112.

An intermediate media writing course for students planning to major in communications. Students will research, prepare, write and edit news, feature and advertising scripts for radio and television programs. Legal and ethical aspects of media writing are also examined.

Offered fall semester.

COM 231. Introduction to Video Production. (3)

Prerequisites/Corequisites: ENG 111.

A beginning course in the design and production of video programs. Practical experience will include designing and producing programs using portable and editing equipment. Documentary and informational program formats may be included in this course. The Langford Communications Center's facilities will be used for this course.

A \$75 lab fee is charged for this course.

Offered every semester.

COM 241. Introduction to Public Relations. (3)

Prerequisite: COM 121.

Introduction to the theory of persuasive communications forms, including the history, law, ethics, campaign techniques, and professional applications needed to understand how campaigns are produced and followed.

Offered spring semester

COM 309. Production Planning and Management. (3)

Prerequisites: COM 121, 231

Introduction and analysis of procedures in planning and monitoring media productions. Analysis of factors influencing the content, style, and costs for various types of programs, budgeting, schedules, logistics, and basic legal requirements.

Offered spring semester, even-numbered years.

COM 311. Aesthetics of Design for Television. (3)

Prerequisite: COM 231

A course for students interested in the art of graphic design and video, especially how they combine in set design, lighting, graphic arts, storyboarding, and theatrical directing.

Offered spring semester, odd-numbered years. A \$75 lab fee is charged for this course.

COM 321. Advanced Media Writing. (3)

Prerequisite: COM 221.

An advanced media writing course intended for students planning to pursue careers in journalism. Students will be given reporting assignments for the school newspaper and online magazine, and will learn advanced fundamentals of reporting, writing and media editing. Students will also examine legal and ethical problems involved in journalism.

Offered spring semester.

COM 322. Audio Production I. (3)

Prerequisite: COM 231.

An intermediate course in the design and production of audio programs. Practical experience will include designing and producing more complex programs using studio and editing equipment. Music and reporting as well as other program formats may be included in this course. The facilities of the Langford Communications Center will be used for this course.

A \$75 lab fee is charged for this course.

Offered spring semester, odd numbered years.

COM 323. Studio Production. (3)

Prerequisite: COM 231

An intermediate course in the design and production of programs using studio equipment. Practical experience will include designing and producing complex programs suitable for public showing or web streamed over the campus website.

A \$75 lab fee is charged for this course.

Offered spring semester.

COM 341. Public Relations Research, Measurement, and Evaluation. (3)

Prerequisites: COM 241.

Methods of human studies research targeted to the understanding of how people think and act, including such methods as survey research, focus groups, statistical analysis of data, and an understanding of how research can be used to guide campaigns.

Offered fall semester, odd-numbered years.

COM 370. Communications Law and Ethics. (3)

Prerequisite: COM 110, 121.

An examination of the legal and ethical issues involved in mass communications. Historical and contemporary examples are used. Independent research is expected.

Offered spring semester.

COM 391. Advanced Research Skills in Communications. (3)

This course will expose students to the types of research likely to be encountered by a Communications student in an advanced degree program. The course includes an overview of the critical reference sources in Communications, searching paper and electronic resources such as indexes and journal databases, on-line catalogs of various kinds, government document resources, and planning and executing a comprehensive literature search. Recommended for students planning to attend graduate school.

Offered at departmental discretion.

COM 422. Audio Production II. (3)

Prerequisite: COM 322.

Advanced audio production using digital media tools to produce significant audio based programs.

A \$75 lab fee is charged for this course.

Offered fall semester, even-numbered years

COM 423. Advanced Video Production. (3)

Prerequisite: COM 323

Study and practice of production skills and strategies in both studio production and in independent or non-studio production for television. Practical experience will include designing and producing professional programs suitable for public showing or web streamed over the campus website.

A \$75 lab fee is charged for this course.

Offered fall semester, even-numbered years.

COM 430. Advanced Communications Studies I. (3)

Prerequisites: Four COM 101 credits, COM 121, COM 231.

This capstone course allows students to work on a single, complex, professional multimedia experience that integrates all of their previous studies into one class. Capstone classes at Newberry have worked on college admissions videos, extensive community service websites, and other long format projects. It is recommended that students who enroll in COM 430 in the fall follow it with COM 431 in the spring. Public Relations students can take COM 441 instead of COM 430

A \$75 lab fee is charged for this course.

Offered fall semester.

COM 431. Advanced Communications Studies II. (3)

Prerequisites: COM 430 or COM 441.

The second semester of COM 430. Usually taken during the next semester after the student takes COM 430. COM 431 continues the major project started in the fall with COM 430 to its completion. In addition, public relations students may take COM 431 after taking COM 441.

A \$75 lab fee is charged for this course.

Offered spring semester.

COM 440. Critical Analysis of Mass Media. (3)

Prerequisites: COM 110, 121, and junior standing.

A critical examination of the production, social, legal and ethical aspects of mass media. Theories of mass media will be presented and used for the analysis of specific examples. Students will be required to conduct individual studies of selected aspects of mass media. Recommended for students moving on to graduate school.

Offered fall semester, odd-numbered years.

COM 441. Public Relations Campaigns. (3)

Prerequisite: COM 341.

This is an advanced seminar on the theory and practice of media campaigns as used by public relations professionals. Students will actively develop and deploy a public relations campaign.

Offered spring semester, even-numbered years.

COM 460. Introduction to Communication Theory. (3)

Prerequisites: COM 110, 121, and junior standing.

An introduction to the theories of mass communications. Students will begin to understand and comprehend the cognitive ideas and theories that guide media research. This course will be significantly useful for those students considering graduate school.

Offered fall semester; odd-numbered years.

COM 480. Senior Seminar. (3)

Prerequisites: COM 110, COM 121, and senior standing.

An extensive study of important communications issues. Examples include the First Amendment and mass media, new communication technology, intellectual property rights, and ethics in mass media. Independent research and class presentations are expected.

Offered fall semester.

COM 490. Special Studies. (3)

Prerequisite: Permission of Instructor.

Studies in specific disciplines taught on an individual basis or in various settings including study-abroad programs. This course is repeatable up to two times total.

There may be additional cost in undertaking special studies abroad.

COM 491. Independent Study. (1-3)

A course of directed readings with a term paper or production of a significant independent work in communications. Students may take each section of independent study once for credit.

A \$75 fee is charged to cover the maintenance of the production equipment. The cost of tape and other production materials is additional.

Subject to rules and regulations on page 56.

COM 492. Independent Study. (1-3)

A course of directed readings with a term paper or production of a significant independent work in communications. Students may take each section of independent study once for credit.

A \$75 fee is charged to cover the maintenance of the production equipment. The cost of tape and other production materials is additional. Subject to rules and regulations on page 56.

COM 495. Internship. (1-3)

Internships are directed learning in a professional work environment related to the communications field. Limited to Communications majors and minors.

Subject to regulations and restrictions on page 57.

COM 496. Internship. (1-3)

Internships are directed learning in a professional work environment related to the communications field. Limited to Communications majors and minors.

Subject to regulations and restrictions on page 57.

COM 499. Senior Project. (1-3)

Prerequisite: Permission of the instructor and senior standing.

Students undertaking a project requiring scholarly research and /or professional production.

A \$75 fee is charged to cover the maintenance of the production equipment. The cost of tape and other production materials is additional.

Subject to regulations and restrictions on page 58.

Computer Science (CSC)

Department of Mathematics, Physics & Computer Science
Randy Key, Department Chair

Computer Science Faculty:
Professor: Victor Terrana

Computer Science Minor Requirements (15 hours)

The Computer Science minor requires 15 hours:

- 6 hours: CSC 156, 340;
- 9 hours: Select from CSC courses or PHI 110.

Note: Computer Science 155 is a prerequisite for all higher numbered Computer Science courses, except CSC 340, which has a prerequisite of CSC 156.

Course Descriptions

CSC 155. Object-Oriented Programming in JAVA I. (3)

Prerequisite: MAT 099 or placement.

This course is intended for Mathematics and Computer Science majors or those seeking a minor or concentration in Computer Science. Fundamental programming concepts using the object oriented paradigm present in Java will be emphasized. Topics include: classes, control structures, arrays, recursion, methods and functions.

CSC 156. Object-Oriented Programming in JAVA II. (3)

Prerequisite: CSC 155.

This course continues and extends the topics covered in CSC 155. Advanced programming methodology in concepts will be emphasized. Topics include: recursion, language libraries, introductory data structures, overloading, inheritance, method and variable access.

CSC 300. Computational Graphics. (3)

Prerequisite: CSC 155.

Co-requisite: CSC 156.

An extension and thorough treatment of graphical topics covered in CSC 155 and CSC 156 from the programmer's perspective. The Java programming language will be used,

CSC 340. Data Structures. (3)

Prerequisite: CSC 156.

A course in advanced program design emphasizing efficiency both in the use of structures and in algorithm construction. Topics include linked lists, stacks, queues, trees, sorting and accessing data, implementation independence and data encapsulation.

CSC 351. Client Server and Networking Technologies. (3)

Co-requisite: CSC 340.

Application of client server technology to distributed communications and data management; fundamentals or networking including topologies, protocols, strategies and security of networks; structure of open systems including Internet, Intranet and Extranet concepts.

CSC 362. Web Database Applications. (3)

A theoretical and practical treatment of web database application development. Topics include designing relational databases and web application architecture.

CSC 430. Operating Systems and Hardware. (3)

Prerequisite: CSC 340.

An introduction to hardware, software, firmware, and process management. Other topics will include process concepts, concurrent programming, deadlock, storage management, virtual storage, processor management, and other state-of-the-art development in operating systems.

CSC 490. Special Topics in Computer Science. (3)

Prerequisite: Permission of instructor.

Topics to be selected by the instructor. Students may receive credit for more than one CSC 490 course, but students may not repeat the topics.

CSC 491, 492. Independent Study. (1-3, 1-3)

Independent study in a selected field or problem area of computer science. The topic or problem to be studied will be chosen in consultation with the Department of Mathematics, Computer Science, and Physics staff member under whose guidance the study will be conducted.

Open to students of demonstrated ability who have departmental approval.

Subject to regulations and restrictions on page 56.

CSC 495, 496. Internship. (1-3, 1-3)

Internships or practical experience in an approved program of study.

Subject to regulations and restrictions on page 57.

Creative Writing (CRW)

Department of English, Literature and Languages

Dale K. Brown, Department Chair

See Department of English, Literature and Languages, page 115 for requirements for the Minor in Creative Writing.

Course Descriptions

CRW 302/CRW 303. Fiction Writing I, II. (3, 3)

Prerequisite: English 242.

Workshops in fiction writing for intermediate and advanced students.

Courses taught concurrently.

Courses do NOT satisfy Core Curriculum requirements for Humanities/Fine Arts, Area C-1 or C-2.

Offered at departmental discretion based on student need.

CRW 312/CRW 313. Poetry Writing I, II. (3, 3)

Prerequisite: English 242.

Workshops in poetry writing for intermediate and advanced students. Courses taught concurrently.

Courses do NOT satisfy Core Curriculum requirements for Humanities/Fine Arts, Area C-1 or C-2.

Offered at departmental discretion based on student need.

CRW 480. Selected Topics in Creative Writing. (3)

Prerequisite: English 242.

A study of a selected topic in Creative Writing in a workshop format. Versions of this course might include "Creative Non-Fiction," "Writing the Memoir," "Dramatic Writing," "Writing for Children," "Genre Fiction," and "Song-writing." May be repeated for credit under different topics.

Course does NOT satisfy Core Curriculum requirements for Humanities/Fine Arts, Area C-1 or C-2.

See page 115. Offered fall semester at departmental discretion based on student need.

Economics (ECO)

Department of Business
Joe Franklin, Department Chair

Adjunct Faculty: Fredrick Wiegand

See pages 83-84 for Business Administration major and minor requirements

Course Descriptions

ECO 210. Principles of Macroeconomics. (3)

A study of the basic facets of demand and supply, national income accounts, business cycles, and monetary forces as they affect the U.S. economy. Briefly examines other major economic systems.

Partially meets Core Curriculum requirements in History and Social Sciences, Area E-2.

Offered every semester.

ECO 220. Principles of Microeconomics. (3)

Prerequisites: ACC 210, ECO 210.

A study of the basic economic factors relevant to the firm. Includes various cost and revenue concepts, demand and supply, utility, and indifference curve analysis.

Partially meets Core Curriculum requirements in History and Social Sciences, Area E-2.

Offered every semester.

ECO 310. Intermediate Microeconomics. (3)

Prerequisites: ACC 210, ECO 210, ECO 220.

Theory of production; market structures, equilibrium of the firm and the industry; the pricing of factors of production; analysis of consumer behavior; general equilibrium analysis; welfare economics.

Offered at departmental discretion.

ECO 320. Intermediate Macroeconomics. (3)

Prerequisites: ACC 210, ECO 210, ECO 220.

Analysis of classical and Keynesian aggregative systems. Post-Keynesian developments in the analysis of the consumption, investments, and liquidity preference functions. Development of growth theories.

Offered at departmental discretion.

ECO 340. Money and Banking. (3)

Prerequisites: ACC 210, ECO 210, ECO 220.

The nature of money, its functions, and its institutions. The role of money in the modern economy, the role of the Federal Reserve System, the

IS-LM model, and the difference between monetary and fiscal policy as they attempt to enable the United States to reach its economic objectives.

Offered at departmental discretion.

ECO 410. Managerial Economics. (3)

Prerequisites: ACC 210, ECO 210, ECO 220.

This course builds on the concepts of economics presented at the principles level. It applies economic theory and methods to business and administrative decision making. It shows how management decision problems such as make or buy, inventory level and advertising are combined with the theories of the firm and market structure and pricing as well as the decision sciences lead to optimal solutions for managerial decisions.

Offered at departmental discretion.

Education (ECE) (EDU) (ELE) (EMD)

Department of Education

Cindy Johnson-Taylor, Department Chair

Education Faculty:

Associate Professors: Cindy Johnson-Taylor

Assistant Professors: Jennifer Morrison, Virginia Riddle, Renee Stubbs, Lisa Waller

Adjunct Faculty: Thomas Crump, Lynn Dowd, Sherrie Kennedy, Joseph Pitts

Teaching Fellows Campus Director: Lynn Dowd

Call Me Mister Collaborator: Reggie Wicker

PRAXIS Advisor: Charles Hatch

Vision and Mission of the Teacher Education Program

Motto: Building Better Communities, One Teacher at a Time

Vision: Newberry College teacher candidates and graduates will be recognized as models of life-long learning, service, leadership, and professional behavior in the campus, public school, local, state, and global communities.

Conceptual Outcomes: Our graduates will exemplify

Teacher as Learner

Teacher as Servant

Teacher as Leader

Teacher as Professional

The mission of the Teacher Education Program mirrors the mission of Newberry College for intellectual and personal development of its students. The Newberry College Teacher Education community provides each candidate the opportunity to become a highly qualified teacher who is a caring, reflective, life-long learner with the knowledge, skills and dispositions necessary to instruct future generations of students.

Guiding Principles:

Best Practice - The teacher candidate applies appropriate current research, technology, and various other methodologies to teaching accurate and comprehensive content in the field of specialization.

Collaboration - The teacher candidate works with all stake holders to provide a safe, nurturing, and positive learning environment for every student.

Content – The teacher candidate demonstrates mastery of knowledge in the specific subject areas.

Diversity - The teacher candidate recognizes differences inherent among individuals and cultures and adapts content and instructional techniques to provide for the interests and needs of all learners.

Ethics - The teacher candidate accepts responsibility for choices in selection of content and personal interactions, respects the worth of each individual, and exhibits professional standards of behavior.

This mission will be accomplished by providing a curriculum that will engage the teachers of tomorrow in pedagogy of how to create a learner-centered environment and meet the needs of a diverse student population. Through close collaboration with all stakeholders, including area public schools, candidates will be immersed in authentic classroom experiences throughout the program.

Graduates of Newberry College's education program have become leaders throughout the state. Many have been recognized by their peers as Teacher-of-the-Year or hold National Board Certification. Currently, more than 1,700 Newberry graduates teach in elementary and secondary schools throughout the state. Students may prepare to teach Early Childhood Education, Elementary Education, Middle Level Education, Secondary Biology, Chemistry, English, Social Studies, and Mathematics, and PK-12 Physical Education or Music. The requirements for a teaching credential in South Carolina are subject to change by the State Board of Education and by the South Carolina General Assembly during the period of preparation for such a credential. The College may, therefore, change the Teacher Education Program to comply with changing requirements of the State at any time, and cannot assume responsibility for such changes or additional courses that new state rules or policies require.

Accreditation

The Department of Education at Newberry College is accredited by the National Council for Accreditation of Teacher Education (NCATE), www.ncate.org. This accreditation covers initial teacher preparation programs at Newberry College. In fact, Newberry College was the first private school in South Carolina to receive NCATE accreditation. Newberry College is also a member of the American Association of Colleges for Teacher Education.

The Early Childhood Education Program began in the fall of 2006 and is seeking all appropriate accreditations. The Elementary Education Program is nationally recognized by the Association for Childhood Education International. The English Education Program is nationally recognized by the National Council of Teachers of English. The Biology Education Program is nationally recognized by the National Science Teachers Association. The Mathematics Education Program is nationally recognized by the National Council of Teachers of Mathematics. The Social Studies Program is nationally recognized by the National Council for the Social Studies. The Physical Education Program is nationally recognized by the American Alliance for Health, Physical Education, Recreation, and Dance and the National Association for Sport and Physical Education. The Music Education Program is accredited by the National Association of Schools of Music. **The newest programs in Middle Level Education and Chemistry Education will be accredited by the appropriate organizations once the programs have enough graduates to apply for accreditation.**

Education Program Requirements

Students must successfully complete the entire **Early Childhood** program or **Elementary Education** or **Middle Level Education** program, including the internship, to graduate with a B.S. in Education. Graduation with a B.S. in Early Childhood, Elementary Education, or Middle Level Education program, does not guarantee state certification. In order to be certified by the state of South Carolina, candidates must pass all required PRAXIS II series tests and meet all certification requirements.

Students who plan to qualify for certification at the **secondary or PK-12 level** should major in the academic field for which certification will be sought and minor in Education. Students may prepare for high school certification in Biology, Chemistry, English, Mathematics, or Social Studies (history major). Students may prepare for PK-12 certification in Music or Physical Education. Graduation with a concentration in Education does not guarantee state certification. In order to be certified by the state of South Carolina, candidates must pass all required PRAXIS II series tests and meet all certification requirements.

Candidates should take EDU 224 and EDU 230 during their freshman year. EDU 232 should be taken during the sophomore year. These classes are prerequisites for all other education courses. All candidates must pass, or exempt, Praxis I reading, writing, and mathematics tests and apply for and be admitted to the Teacher Education Program in order to take 300- and 400-level education courses. Additional courses required for the secondary education concentration are EDU 342, EDU 382, EDU 455, EDU 480, EDU 483 and PHE 210. Schedules for otherwise qualified transfer students will be considered on an individual basis.

All candidates, regardless of major, complete a minimum of 108 hours of field experience in a public school prior to student teaching.

Explanation of grade levels:

| | |
|-----------------------|---|
| PK-12 | Primary/Kindergarten - 12 th grade |
| Early Childhood | Grades PK - 3 |
| Elementary | Grades 2 - 6 |
| Middle School | Grades 5-9 |
| Secondary | Grades 9 - 12 |

Education Candidate Examinations

All teacher candidates are required by the State of South Carolina State Department of Education to pass Praxis I Reading, Writing, and Mathematics tests in order to be accepted into a Teacher Education program (unless exempted*). **Candidates should have passed all three tests by the end of the first semester of their sophomore year, when they submit their application for admission to Teacher Education, in order to be on schedule for completion.** If candidates have not passed all three tests after three attempts they should talk with their academic advisor and the chair of the Department of Education immediately to discuss a change of major or program. **Failure to follow college and state deadlines may result in a delay of one or more semesters in a candidate's program and planned graduation.**

***The state of SC has approved an exemption of PRAXIS I for students who scored 24 or higher on the ACT, 1100 or higher on the 2-part SAT or 1650 or higher on the 3-part SAT.**

Early Childhood Education Majors

- **Required Professional Education Courses for Early Childhood Education**

EDU 224, EDU 230, EDU 232, ECE 233, ECE 251, EDU 300, EDU 341, ECE 252, ECE 352, EDU 382, ECE 437, ECE 438, ECE 439, EDU 480, and EDU 483.

- **Additional Required Courses Above Core Requirements:**

ART 372, MAT 222, MUS 370, PHE 255, PHE 210, and SCI 120.

- **Recommended Elective Courses:**

Option 1: SPA 101, SPA 102, and SPA 105;

Option 2: ELE 221, ELE 353—Leads to add-on certification in ELE.

- In Area C of the Core, candidates must take ENG 251 for C:1, ART 211 for C:2 and MUS 153 for C:3;
- In Area D of the Core, candidates must take BIO 101 for D:1, MAT 221 for D:2 and SCI 110 for D:3;
- In Area E of the Core, candidates must take HIS 122 for E:1, and PSY 120 and SOC 101 or 102 for E:2;

Elementary Education Majors

- **Required Professional Education Courses for Elementary Education Majors:**

EDU 224, EDU 230, EDU 232, ELE 221, EDU 300, EDU 341, ELE 353, EDU 382, ELE 448, ELE 449, ELE 457, EDU 480, and EDU 483.

- **Additional Required Courses Above Core Requirements:**

ART 372, MAT 222, MUS 370, PHE 255, PHE 210, SCI 120.

- **Recommended Courses for Optional Electives:**

Option 1: SPA 101, SPA 102, and SPA 105;

Option 2: ECE 233, ECE 300, and ECE 437—Leads to add-on certification in ECE.

- In Area C of the Core, candidates must take ENG 251 for C:1, ART 211 for C:2 and MUS 153 for C:3;
- In Area D of the Core, candidates must take BIO 101 for D:1, MAT 221 for D:2 and SCI 110 for D:3;
- In Area E of the Core, candidates must take HIS 122 for E:1, and PSY 120 and GEO 135 for E:2;

Middle Level Education Majors

- **Required Professional Education Courses for Middle Level Education Majors:** EDU 224, EDU 230, EDU 232, EDU 300, EDU 342, EDU 382, EDU 455, EMD 335, EMD 336, EDU 480, and EDU 483.
- Middle Level majors must be highly qualified in English/Language Arts and one other content area. (Math, Science or Social Studies) and therefore will take two middle level methods classes. All majors take EMD 436 and one other course from EMD 437, 438 or 439 depending on the areas of concentration.
- In Area E of the Core, candidates must take HIS 122, SOC 101 and a social science elective
- All majors take the following English/Language Arts classes: ENG 231 or 232, ENG 251, ENG 322, ENG 350, and ENG 458.
- Candidates with a math concentration take: MAT 200, MAT 211, MAT 227, MAT 334, and MAT 335
- Candidates with a science concentration take: BIO 121, CHE 113, SCI 110, and SCI 120.
- Candidates with a social studies concentration take: ECO 210, GEO 135, HIS 111 or 112, HIS 310 and HIS 320.
- Middle Level majors should visit the Education office in 212 McClurg to obtain the appropriate degree planning sheet.

Admission to the Teacher Education Programs

Each student interested in preparing for a teaching certificate should apply to the Department of Education for acceptance into the Teacher Education Program. Applications should be submitted as soon as the student meets all admission requirements. Admission to the teacher education program is contingent upon successful completion of the PRAXIS I tests of reading, mathematics, and writing. Passing standards are established by the State of South Carolina. **Failure to follow required college and state deadlines may result in a delay of one or more semesters in a candidate's program and planned graduation.**

Requirements for Admission to the Teacher Education Program:

1. Formal application submitted in Live Text. Application for Admission to the Teacher Education Program is posted in Live Text.
2. Satisfactory completion of 45 semester hours of college work with a grade of C or better in EDU 224, EDU 230, and EDU 232.
3. Passing scores on PRAXIS I reading, mathematics, and writing tests with Newberry College listed as a score recipient or evidence of exemption based on college entrance exams (24 or higher on the ACT, 1100 or higher on the two part SAT, 1650 or higher on the three part SAT).
4. Minimum overall grade point average (GPA) of 2.50.
5. Signed disclosure form included as part of application.
6. Reflective essay following a writing prompt. The essay will deal with learning in the Core classes, education classes and field experiences and how these learning experiences have informed the teacher candidate.
7. Evidence of positive professional dispositions for teaching.
8. Successful completion of all Level I and Level II CACP requirements.
9. Application for Admission to the Teacher Education program is posted in Live Text.
10. Approval of the Teacher Education Committee.

Candidates must have official passing scores on PRAXIS I tests of reading, writing, and mathematics sent to Newberry College before applying for admission to the Teacher Education Program (state rule) or being allowed to take 300- and 400-level education courses.

Admission to the Internship

A separate Application for Admission to the Internship (EDU 480) must be submitted by the teacher candidate and approved by the Teacher Education Committee at least one semester prior to enrollment in the Internship.

Failure to follow required college and state deadlines will result in a delay of one or more semesters in a candidate’s program and planned graduation.

South Carolina state law requires that all candidates for the internship submit official fingerprint cards and be cleared through SLED (South Carolina Law Enforcement Division) and the FBI before being allowed to intern. Fingerprints may not be submitted after state deadlines have passed. All candidates must understand that prior criminal records will likely prevent them from participating in the internship and completing an education program. Those with questions should request a meeting with the Chair of the Department of Education early in their college program. Candidates should pay particular attention to their college email, Department of Education TV monitor and website for information on state fingerprinting deadlines.

Requirements for Admission into the Internship (EDU 480):

1. Completed application submitted in Live Text.
2. Minimum GPA of 2.50 in the major with a minimum grade of “C” in each course.
3. Minimum GPA of 2.50 in professional education courses with a minimum grade of “C” in each course.
4. Recommendation from faculty advisor and department chair in the major.
5. Completion of all education and major required courses except EDU 480 and EDU 483.
6. Evidence of positive professional dispositions for teaching.
7. Successful completion of all CACP Level III requirements.
8. Disclosure Form included as part of the application.
9. Resume to include activities and experiences related to the teaching profession. A template will be provided.
10. Approval of the Teacher Education Committee.

Because the internship is in essence a full time position, candidates are required to complete all CACP papers and all but three Fine Arts and Lecture requirements prior to the internship.

NOTE – Candidates must show evidence of having taking PRAXIS II and PLT exams prior to graduation.

Education Program Completion

To become a program completer and be recommended for certification, teacher education candidates must meet the following requirements:

1. Successful completion of all College degree requirements.
2. Successful completion of all Core, subject area, education, and education-required courses with an overall GPA of at least 2.5.
3. Successful completion of EDU 480 Internship and EDU 483 Internship Seminar with grades of at least “C”.
4. Recommendation by the Newberry College Department of Education for certification by the South Carolina State Department of Education, made in conjunction with cooperating teachers and college supervisors of the internship.
5. Successful completion of Praxis I tests of reading, writing, and mathematics; and successful completion of all required Praxis II exams in the candidate’s area of specialty, plus the Principles of Teaching and Learning test. See the Department of Education for a list of required tests. Praxis II examination must be passed within the academic year during which the candidate completes the internship (by July 1).

Other Teacher Education Programs at Newberry College

- Biology (Secondary), page 77
- Chemistry (Secondary), page 89
- English (Secondary), page 115
- Mathematics (Secondary), page 133
- Music (PK-12), pages 143-144
- Physical Education (PK-12) page 162
- Social Studies (Secondary), page 126

FEES: A \$125 fee is charged for the internship (EDU 480).

Early Childhood Education (ECE)

Course Descriptions

Field experiences in the public schools are an integral part of the teacher education program. All teacher candidates participate in a minimum of 108 hours of field experience prior to the internship.

ECE 233. Early Childhood Curriculum and Assessment. (3)

Prerequisites: EDU 224 and EDU 230.

A study of the theories, design, implementation and evaluation of early childhood curriculum and assessment. This course focuses on the goals, benefits and uses of developmentally appropriate curriculum, effective instructional strategies and assessment.

Required of all Early Childhood Education candidates. Offered fall semester.

ECE 251. Mathematical Concepts for Young Children. (3)

Prerequisites: EDU 224 and EDU 230.

Intended to introduce candidates to a study of the principles of mathematical development in the preoperational and concrete operational stages of early childhood (PK-3). The context will focus on the inquiry approach, use of manipulatives, and integration of mathematics into other subject areas.

Required of all Early Childhood Education candidates. Offered spring semester.

ECE 252. Language Development and Communication Skills: Young Children. (3)

Prerequisites: ECE 233 and ECE 251.

This course will provide a study of the principles of language development in early childhood and the complex connections between linguistic development and the child's family and community. The content will focus on language development, cultural, and linguistic diversity (PK-3).

Required of all Early Childhood Education candidates. Offered fall semester.

ECE 352. Literacy Development in Young Children. (3)

Prerequisites: Admission to Teacher Education and ECE 252.

This course will provide candidates content knowledge and experiences in developing literacy programs for young children, ages PK-3. The content will focus on developmentally appropriate approaches, strategies, and tools used in the acquisition of reading, writing, and speaking skills.

Required of all Early Childhood Education candidates. Offered spring semester.

ECE 437. Teaching an Integrated Curriculum. (3)

Prerequisite: Admission to Teacher Education

This course emphasizes the use of content knowledge, best practices and proven theories in an interdisciplinary approach to teaching language arts, social studies, mathematics, science, health, and the arts in early childhood classroom. Candidates will demonstrate their ability to combine their knowledge to create an engaged, integrated curriculum to enhance a positive learning environment for children.

Required of all Early Childhood Education candidates. Offered fall semester.

To be taken in the fall prior to the internship.

ECE 438. Methods and Materials for Social Studies. (3)

Prerequisite: Admission to Teacher Education.

This course provides teacher candidates with an in-depth study of methods and materials used for teaching social studies to primary students (PK-3). Emphasis will be on the use of a variety of instructional strategies to meet the diverse needs of primary students in the areas of history, geography, economics, political science, and social studies.

Required of all Early Childhood Education candidates. Offered fall semester.

ECE 439. Methods and Materials for Science and Mathematics. (3)

Prerequisite: Admission to Teacher Education.

This course is a study of methods and materials used for teaching mathematics and sciences in the K-3 classroom. Emphasis will be on the integration of math and science content, promotion of positive attitudes toward the teaching of the content areas, concept development, questioning techniques, and multimedia teaching strategies for meeting the needs of individuals and groups.

Required of all Early Childhood Education candidates. Offered spring semester.

Education (EDU)

EDU 224. Foundations of Teaching and Learning. (3)

A survey course focusing on the foundations of education, including the characteristics and expectations of the profession. Content includes the historical, philosophical, legal, governance and societal influences on American schools. Emphasis is placed on the Newberry College Conceptual Framework Standards and Dispositions for Teaching.

Required of all education candidates.

Candidates should take EDU 224 and EDU 230 in different semesters. Offered every semester.

EDU 230. Human Development and Learning. (3)

A study of the development of the learner through the lifespan, with emphasis on childhood and adolescence in the school setting. Topics include: physical, social, emotional, language, and cognitive development. This course emphasizes the relationship between development and learning and individual differences in personality, achievement, learning ability, and moral development.

Required of all education candidates.

Candidates should take EDU 224 and EDU 230 in different semesters. Offered every semester.

EDU 232. Working with Exceptional and Diverse Learners. (3)

Prerequisites: EDU 224 and EDU 230.

This course is designed to provide teacher candidates with strategies to understand how our diverse society influences teaching and learning in the classroom. This course will emphasize understanding how students' learning is influenced by individual experiences, talents, disabilities, gender, language, culture, social status, and family values. Special attention will be given to exceptional learners including categorical labels, educational law, and instructional accommodations. This course will encourage teacher candidates to reevaluate personal beliefs and possible prejudices that may adversely affect the learning process and gain an appreciation for all facets of diversity that will be encountered in their classrooms.

Required of all education candidates.

NOTE: All candidates must pass or exempt Praxis I Reading, Writing, and Mathematics tests and be admitted to the Teacher Education Program to be eligible to take 300-level and 400-level education courses. Students can request approval for a one-time waiver if the circumstance warrants this exception. A waiver can be obtained from the Department of Education Office and allows a student to take one restricted course before being admitted to the Teacher Education Program provided there are extenuating circumstances.

EDU 300 Assessment for Learning. (3)

Prerequisite: Admission to Teacher Education.

This course is designed to assist teacher candidates in understanding the choices involved in selecting instructional strategies and options for assessment and evaluation. Content will include the history and purpose of assessment and will explore the relationships between curriculum, instruction and assessment. Candidates will study the diverse functions of various assessments, methods of assigning grades, and how to use data from state, national and teacher-made assessments to make instructional decisions.

Required of all teacher candidates except for BME. BME candidates should take MUS 341.

EDU 341. Classroom Environment for Early Childhood and Elementary Classrooms. (3)

Prerequisite: Admission to Teacher Education.

Intended to introduce candidates to the principles used in creating a positive environment in early childhood and elementary grades. Emphasis is placed on state and national curriculum standards; lesson design, implementation, assessment, characteristics of successful researched-based instructional approaches; successful classroom management approaches and current trends and issues in education.

Required of all Early Childhood and Elementary education majors. PK-12 candidates may take either EDU 341 or EDU 342.

Offered fall semester.

EDU 342. Classroom Environment for Middle and High School Classrooms. (3)

Prerequisite: Admission to Teacher Education.

Intended to introduce candidates to the principles used in creating a positive environment in the middle and high school grades. Emphasis is placed on state and national curriculum standards; lesson design, implementation, assessment, characteristics of successful researched-based instructional approaches; successful classroom management approaches and current trends and issues in education.

Required of middle level and secondary candidates; PK-12 candidates may take either EDU 341 or EDU 342.

Offered spring semester.

EDU 382. Technology and Teaching. (3)

Prerequisite: Admission to Teacher Education.

A study of principles of instructional design and the integration of multimedia tools to the learning environment. Participants will evaluate and develop multimedia and web-based instructional applications.

Required of all teacher education candidates except B.M.E.

B.M.E. candidates should take MUS 382.

Offered every semester.

EDU 455. Content Area Literacy in Middle and High Schools. (3)

Prerequisite: Admission to Teacher Education.

A study of the content and process of using literacy strategies to improve content area instruction at the middle and secondary school levels. Requires 24 hours of field experience in public schools including teaching using literacy strategies.

Required of all candidates in secondary and PK-12 programs except B.M.E.

Offered fall semester.

EDU 480. Internship. (All Programs). (12)

Prerequisites: Completion of all major courses and admission to the Internship by the Teacher Education Committee.

Co-requisite: EDU 483

This course is designed to provide experience useful in stimulating and guiding the learning activities of students, developing teaching skills of a high order, and promoting professional attitudes that are necessary for successful teaching, and completing a unit work sample to demonstrate impact on student learning.

Candidates spend 14 weeks in 2 public school placements except for secondary majors who stay in the same placement for the entire 14 weeks.

Offered only with Education 483: Internship Seminar.

Required of all candidates in all education programs.

A \$125 fee is charged for this course.

Offered every semester.

EDU 483. Internship Seminar (All Programs). (3)

Prerequisites: Completion of all major courses and admission to the Internship by the Teacher Education committee. The candidate must provide evidence of having taken or registered for Praxis II tests.

Co-requisite: EDU 480

Seminar activities prior to the internship and weekly seminars on campus during the internship. Emphasis on developing a Unit Work Sample, Resumes and Interviewing, Lesson Planning, and Professional Portfolio completion.

Offered only with Education 480: Internship.

Required of all candidates in all education programs.

Offered every semester.

EDU 491, 492. Independent Study. (1-3, 1-3)

Independent Study in a selected field or problem area of education. The topic or problem will be chosen in consultation with the Department of Education faculty member under whose guidance the study will be conducted.

Special permission is required.

Subject to regulations and restrictions on page 56.

EDU 495, 496. Internship. (1-3, 1-3)

Internships or practical experience in an approved program of study.

Limited to majors in the department.

Subject to regulations and restrictions on page 57.

Elementary Education (ELE)

ELE 221 Children's Literature. (3)

A survey of prose and verse representing a range of periods for children, with emphasis on teaching methods and curricular integration.

Required of all Elementary Education majors.

Offered Spring Semester.

ELE 353. Teaching of Reading in the Elementary Schools. (3)

Prerequisite: Admission to Teacher Education.

A study of the content and process of the teaching of reading including phonemic awareness, phonics, comprehension and vocabulary and fluency skills in grades 2-6.

Required of all Elementary Education majors.

Offered spring semester.

ELE 448. Methods and Materials for Elementary Social Studies. (3)

Prerequisite: Admission to Teacher Education.

This course provides teacher candidates with an in-depth study of methods and materials used for teaching social studies to elementary students (grades 2-6). Emphasis will be on the use of a variety of instructional strategies to meet the diverse needs of elementary students in the areas of history, geography, economics, political science, and social studies. Literature integration into the social studies curriculum will be emphasized in the course.

Required of all Elementary Education candidates.

Offered fall semester.

ELE 449. Methods and Materials for Elementary Mathematics and Science. (3)

Prerequisite: Admission to Teacher Education.

A study of methods and materials for teaching mathematics and science (grades 2-6). Emphasis is on course integration, promotion of positive attitudes toward the teaching of the content areas, concept development, questioning techniques, and multimedia teaching strategies for meeting individual and group needs.

Required of all Elementary Education candidates.

Offered spring semester.

ELE 457. Reading Diagnosis and Remedial Treatment. (3)

Prerequisite: Admission to Teacher Education.

A study of the diagnostic-prescriptive approach to the teaching of reading (grades 2-6). Special emphasis is placed on understanding and utilizing various diagnostic instruments and implementing remedial techniques.

Required of all Elementary Education majors.

Offered fall semester.

NOTE: Methods courses (ENG 335, MAT 336, SCI 321, and SSC 335) required for Secondary School majors, are listed in the departmental course descriptions.

Middle Level Education (EMD)

EMD 335. Middle School Curriculum and Organization (3)

Prerequisite: Admission to the professional education program.

A study of school organization and curriculum developmentally appropriate for middle level students. Specific topics include interdisciplinary teaching teams, flexible grouping and scheduling, vertical articulation, activity and advisory programs, and community building. Candidates also are introduced to the NMSA standards.

EMD 336. Nature and Needs of the Middle School Child

Prerequisite: Admission to the professional education program.

This course is designed to develop an in-depth understanding of the specific nature of early adolescence, the specific needs of young adolescents and the importance of collaborating with families and the entire community.

EMD 436. Methods of Teaching Middle Level Language Arts (3)

Prerequisite: Admission to the professional education program.

This course introduces the teacher candidate to the NCTE standards, language arts curriculum, teaching techniques, and evaluation practices through an examination of the language arts content found in the typical middle school classroom.

EMD 437. Methods of Teaching Middle Level Science (3)

Prerequisite: Admission to the professional education program.

This course introduces the teacher candidate to the NSTA standards, science curriculum, teaching techniques, and evaluation practices through an examination of the science content found in the typical middle school classroom.

EMD 438. Methods of Teaching Middle Level Social Studies (3)

Prerequisite: Admission to the professional education program.

This course introduces the teacher candidate to the NCSS standards, social studies curriculum, teaching techniques, and evaluation practices through an examination of the social studies content found in the typical middle school classroom.

EMD 439. Methods of Teaching Middle Level Mathematics (3)

Prerequisite: Admission to the professional education program.

This course introduces the teacher candidate to the NCTM standards, mathematics curriculum, teaching techniques, and evaluation practices through an examination of the mathematics content found in the typical middle school classroom.

English (ENG), French (FRE), German (GER), Spanish (SPA)

Department of English, Literature and Languages

Dale K. Brown, Department Chair

English Faculty:

Associate Professors: Dale K. Brown, Warren S. Moore, III

Assistant Professors: John Carenen, Steven Gilbert, Kristi Pope Key, Marilyn Seymour

Adjunct Faculty: Karri Scollon

The study of English literature and language might be viewed as the ultimate interdisciplinary curriculum. Understanding literary texts of the past and present demands that the reader come to terms with the linguistic, historical, philosophical, psychological, social, scientific, spiritual and moral conditions in which those texts were created. Study of literary expression at the college level also demands that students develop their own communication skills more fully. The Department of English, Literature, and Languages provides Core courses that challenge students to explore the artistic and practical potential of language and to develop their own linguistic awareness and abilities.

The English curriculum requires students to study literature of different periods, genres, and national traditions. All English majors complete surveys of American and British literature before selecting upper-level electives that enable students to consider specific genres, movements, and the literatures of different cultures.

Students may choose to major in English, to major in English with Teacher Certification, to minor in English, or to minor in Creative Writing. English majors and minors include not only those preparing to teach English, but also students interested in careers emphasizing written communication and students who wish to use English as the liberal arts foundation for other pre-professional education. The Creative Writing minor fosters exploration and development of written creative expression and increases students' awareness and knowledge of contemporary creative writing.

English Major (B.A. Degree) Requirements (48 hours)

- English 221, 222, 231, 232, 251
- English 337, 458, 460
- 4 English electives
- Six hours of French, German, or Spanish
- Six hours from **HIS111/112, 121/122** (*one of these will partially satisfy Core requirements for E-1*), HIS211/212, HIS250, HIS321, HIS322, HIS323, HIS324, HIS331, HIS333/334, HIS340, HIS381

English Major with Teacher Certification Requirements

English majors who plan to teach in South Carolina secondary schools must take the following courses and complete the course requirements for teacher certification:

- English 221, 222, 231, 232, 251
- English 322, 335, 337
- English 458, 460, 461
- One English elective
- Spanish 101 and 102
- History 111, History 122, and History 212
- Six hours from Theatre 110, Music 150, or Art 181
- Minimum GPA of 2.50 in the major with at least a “C” in each major course

Teacher EducationCandidates should take EDU 224 and EDU 230 during their freshman year. EDU 232 should be taken during the sophomore year. These classes are prerequisites for all other education courses. All candidates must pass, or exempt, Praxis I reading, writing, and mathematics tests and apply for and be admitted to the Teacher Education Program in order to take 300- and 400-level education courses. Additional courses required for the secondary education concentration are EDU 300, EDU 342, EDU 382, EDU 455, EDU 480, EDU 483, and PHE 210. Schedules for otherwise qualified transfer students will be considered on an individual basis.

All candidates, regardless of major, complete a minimum of 108 hours of field experience in a public school prior to student teaching.

English Minor Requirements (18 hours)

The English minor requires 18 hours (in addition to the Core requirements of English 111 and 112) as follows:

- ENG 221 or ENG 222, ENG 231 or 232, and ENG 251 for a total of nine hours.
- Three other courses from ENG 221 or higher.

Creative Writing Minor Requirements (18 hours)

The Creative Writing minor is distinct from a minor in English. It may be taken along with any major. Students select an emphasis in either poetry or fiction. The minor requires 18 hours (in addition to ENG 111 and 112): 6 hours in designated literature courses and 12 hours in writing workshops.

- 3 hours: English 242 (requires permission of instructor)
- 6 hours: Creative Writing 302/303: Fiction Writing I and II *or* Creative Writing 312/313: Poetry Writing I and II
- 3 hours: Creative Writing 302 or 312 or Creative Writing 480 (3 hours in a genre outside of chosen poetry or fiction emphasis) Students selecting an emphasis in fiction (302 and 303) would have to take a poetry or special topics course as the fourth workshop. Poetry students would have to take a fiction or special topics course. This strategy was designed to bring some diversity to each student’s course of study.
- 6 hours: English 322, 337, 350, 351, 361, 362, 363, 364, 365, or 480

Core Curriculum

ENG 111 and 112 satisfy Core Curriculum requirements in Oral and Written Communication Skills, Area B-2.

English courses which **do not** satisfy Core Curriculum requirements are listed on the following page.

The following English courses **do not** satisfy Core Curriculum requirements:

- ENG 099, Basic Composition and Grammar (does not satisfy Area B-2)
- ENG 242, Creative Writing (does not satisfy Areas C-1 or C-2)
- ENG 322, Adolescent Literature (does not satisfy Areas C-1 or C-2)
- ENG 335, Methods of Teaching English (does not satisfy Areas C-1 or C-2)
- ENG 371, Business Communication (does not satisfy Areas C-1 or C-2)
- ENG 458, Advanced Grammar and Composition (does not satisfy Areas C-1 or C-2)
- ENG 461, History of the English Language (does not satisfy Areas C-1 or C-2)
- CRW 302/303, Fiction Writing I and II (does not satisfy Areas C-1 or C-2)
- CRW 312/313, Poetry Writing I and II (does not satisfy Areas C-1 or C-2)
- CRW 480, Special Topics in Creative Writing (does not satisfy Areas C-1 or C-2 [2005])

Course Descriptions

ENG 099. Basic Composition and Grammar. (3)

A concentrated review of grammar, language mechanics, and paragraph writing. Placement of new Newberry College students in English 099 is determined by English Department assessment procedures. English 099 is a prerequisite for English 111 for these students.

Does NOT satisfy the Core requirement in Oral and Written Communication Skills, Area B-2.

Graded on S-U basis.

Offered every semester.

ENG 111. Freshman Composition and Introduction to Library Research. (3)

Prerequisite: ENG 099 (unless exempt; see ENG 099).

Introduction to college-level written discourse, applicable across the disciplines. Selected readings and basic library research.

A grade of “C” or higher is required before the student can take English 112.

Required of ALL students unless exempted by examination.

Satisfies Core Curriculum requirements in Oral and Written Communications Skills, Area B-2.

Offered every semester.

ENG 112. Introduction to Literature and the Research Paper. (3)

Prerequisite: ENG 111.

Literary genres, selected readings, and research paper writing.

A prerequisite for all higher numbered English courses except by special permission of the department chair.

A grade of “C” or higher is required before the student can take English courses at the 200, 300, or 400 levels.

Required of ALL students unless exempted by examination.

Satisfies Core Curriculum requirements in Oral and Written Communications Skills, Area B-2.

Offered every semester.

ENG 221. Survey of English Literature through the 18th Century. (3)

Prerequisite: ENG 112.

Selections from British writers from the Old English period through the eighteenth century.

Either ENG 221/222 or ENG 231/232 is recommended for all Elementary Education majors.

Satisfies Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered fall semester.

ENG 222. Survey of English Literature from the 19th Century to the Present. (3)

Prerequisite: ENG 112.

Selections from British writers from the nineteenth century through the present.

Either ENG 221/222 or ENG 231/232 is recommended for all Elementary Education majors.

Satisfies Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered spring semester.

ENG 231. Survey of American Literature through the Civil War. (3)

Prerequisite: ENG 112.

Selections from American writers from the Colonial period through the Civil War.

Either ENG 221/222 or ENG 231/232 is recommended for all Elementary Education majors.

Satisfies Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered fall semester.

ENG 232. Survey of American Literature from the Civil War to the Present. (3)

Prerequisite: ENG 112.

Selections from American writers from the Civil War to the present.

Either ENG 221/222 or ENG 231/232 is recommended for all Elementary Education majors.

Satisfies Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered spring semester.

ENG 242. Creative Writing. (3)

**Prerequisite: ENG 112 (This requirement may be waived based on quality of a student's writing portfolios.)*

An introduction to Creative Writing in a workshop environment. Students will write and read fiction, poetry, and creative non-fiction.

Note that ENG 242 is the **only** creative writing course that may be used toward the English major. Requires permission of instructor.

Does NOT satisfy Core Curriculum requirements for Humanities and Fine Arts, Areas C-1 or C-2.

Offered fall or spring semester of each academic year based on departmental needs.

ENG 251. World Literature. (3)

Prerequisite: ENG 112.

Selected works of literature from countries other than the United Kingdom and the United States. All literature will be in English or in English translations.

ENG 251 is required for Elementary & Early Childhood majors.

Satisfies Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered fall semester (and spring semester, if English and Education department chairs determine its need).

ENG 322. Young Adult Literature. (3)

Prerequisites: ENG 112, EDU 224, EDU382

A survey of international literature (prose and verse representing a range of periods) for middle and high school students with emphasis on teaching methods and curricular issues.

Required for teacher certification in English.

Does NOT satisfy Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered on the basis of need as determined by the English and Education department chairs.

ENG 335. Methods of Teaching English. (3)

Prerequisites: ENG 112, EDU 224, EDU 300, EDU 382

Students study educational theories and methods used in teaching English/ Social Studies at the secondary level; construct unit and lesson plans based upon the theories and methods studied; review and practice reading analysis techniques, writing skills, and technical terminology used at the secondary level; participate in activities that simulate classroom situations; and teach lessons in middle and/or secondary schools.

Required for teacher certification in English.

Requires 24 hours field experience involving teaching in the public schools.

Does NOT satisfy Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered on the basis of need as determined by the chairs/coordinators of Education, English, History, and Political Science.

ENG 337. Shakespeare. (3)

Prerequisite: ENG 112.

A study of the career, times, and works of William Shakespeare, including selected non-dramatic poetry and five plays, including at least one in each dramatic mode: comedy, tragedy, history, and romance.

Required for English majors, Theatre/Speech majors, and teacher certification in English.

Satisfies Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered spring semester, odd-numbered years or on the basis of need as determined by the Department of English, Literature, and Languages.

ENG 341. Period Studies in Early English Literature. (3)

Prerequisite: ENG 112.

Study of a selected topic in English literature through the eighteenth century. Versions of this course include “Chaucer and His Contemporaries,” “English Renaissance Literature,” “Restoration and Enlightenment Literature.” This course may be repeated for credit so long as the student does not repeat the same topic.

Satisfies Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered spring semester, odd-numbered years.

ENG 342. Period Studies in Later English Literature. (3)

Prerequisite: ENG 112.

Study of a selected topic in English literature of the last two centuries. Versions of this course include “English Romanticism,” “Victorian Literature,” “English Literature: 1900-1918.” This course may be repeated for credit so long as the student does not repeat the same topic.

Satisfies Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered spring semester, even-numbered years.

ENG 350. African American Literature. (3)

Prerequisite: ENG 112.

From nineteenth-century slave narratives through the Harlem Renaissance and into contemporary writing, this course will provide an overview of some of the major works of African American literature. Students will focus on specific literary works by authors including—but not limited to—Harriet Jacobs, Frederick Douglass, Charles Chesnutt, Nella Larsen, Zora Neale Hurston, James Baldwin, Langston Hughes, Alice Walker, Richard Wright, Gloria Naylor, Randall Keenan and Toni Morrison.

Satisfies Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered spring semester, even-numbered years.

ENG 351. Southern Literature. (3)

Prerequisite: ENG 112.

A study of selected Southern writers from the nineteenth century to the present.

Satisfies Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered fall semester, even-numbered years.

ENG 360. Studies in Narrative Film. (3)

Prerequisite: ENG 112.

In the past century, cinematic media have replaced prose genres as our culture's dominant narrative form, leading some to describe film as "the literature of the twentieth century." This course applies narrative paradigms drawn from literary, dramatic, and media criticism to achieve a formal understanding of the unique capacities of narrative film. It will provide a framework for understanding how film works by emphasizing both its narrative and visual components as well as the techniques filmmakers use to convey their messages.

Satisfies Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered spring semester, even-numbered years.

ENG 361. The Early Novel. (3)

Prerequisite: ENG 112.

A study of the novel as a literary art form from its origins to the mid-nineteenth century. All novels are in English or English translation.

Satisfies Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered fall semester, even-numbered years, on the basis of need as determined by the Department of English, Literature, and Languages.

ENG 362. The Modern Novel. (3)

Prerequisite: ENG 112.

The novel from the mid-nineteenth century through the present. Includes American, British, European, and non-western writers.

Satisfies Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered spring semester, odd-numbered years.

ENG 363. The Short Story. (3)

Prerequisite: ENG 112.

A study of short fiction as an art form. Includes American, British, European and non-western writers.

Satisfies Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered fall semester, even-numbered years.

ENG 364. Topics in Modern Literature. (3)

Prerequisite: ENG 112.

Study of a selected topic in modern literature in English. Versions of this course include "American Writers of the Twenties," "Modern Poetry in English." This course may be repeated for credit so long as the student does not repeat the same topic.

Satisfies Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered fall semester, odd-numbered years.

ENG 365. Topics in World Drama. (3)

Prerequisite: ENG 112.

Study of a selected topic in world drama. Versions of this course include "Classical Drama," "Medieval/Renaissance Drama (excluding Shakespeare)," "Modern Drama." This course may be repeated for credit so long as the student does not repeat the same topic.

Satisfies Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered fall semester, odd-numbered years.

ENG 371. Business Communication. (3)

Prerequisite: ENG 112.

The techniques of exposition, document design, and technology applied to letters and memoranda and to business and technical reports.

Does NOT satisfy Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered spring semester, odd-numbered years.

ENG 458. Advanced Grammar and Composition. (3)

Prerequisite: ENG 112.

Application of the principles of English grammar to the forms of discourse. The fundamentals of style. A variety of writing assignments for different purposes and audiences.

Required of English majors and for teacher certification in English. Required weekly tutoring as a writing assistant in the Writing Center. (Values Based Learning credit).

Does NOT satisfy Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered fall semester, odd-numbered years.

ENG 460. Literary Criticism. (3)

Prerequisite: ENG 112.

A study of literary criticism from theoretical, practical, and historical perspectives.

Required of English majors and for teacher certification in English.

Satisfies Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered spring semester, even-numbered years.

ENG 461. History of the English Language. (3)

Prerequisite: ENG 112.

An introduction to English linguistics focusing on the stages and dialects of English throughout the world from the Anglo-Saxon period to the present. Emphasis is placed on the aesthetic, grammatical, and syntactic implications of the formation and history of English as well as on pedagogical issues in applied linguistics.

Required for teacher certification in English.

Does NOT satisfy Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2.

Offered spring semester, odd-numbered years or on the basis of need as determined by the Department of English.

ENG 480. Selected Topics. (3)

Prerequisite: ENG 112.

A study of various movements and genres of interest to the undergraduate student.

May satisfy Core Curriculum requirements for Humanities and Fine Arts, Area C-1 or C-2, depending upon topic. (Check course registration information.)

Offered at departmental discretion.

ENG 491. Independent Study. (1-3)

An intensive yet informal program of reading, writing critical papers, and conferring with a member of the Department of English faculty. Open only to the major who has shown a marked ability to go beyond the requirements of the English courses previously taken.

Subject to rules and regulations on page 56.

ENG 495, 496. Internship. (1-3) (1-3)

Internships or practical experience in an approved program of study. Limited to majors in the department.

Subject to regulations on page 57 for Experiential Learning as stated in the Newberry College Catalog.

ENG 499. Senior Essay. (1-3)

A project requiring scholarly research.

Subject to rules and regulations on page 58.

Foreign Languages

Department of English, Literature and Languages

Dale K. Brown, Department Chair

Foreign Language Faculty:

Associate Professor: Gregory Cole (Spanish)

Adjunct Faculty: as needed

The Department offers a minor in Spanish and coursework in French and German based on student need. Language study prepares students for Business, Health and Social Sciences, Education (Elementary, Early Childhood, Middle Schools, and Secondary), Tourism and Travel, Government, Law, and for graduate schools that require a working knowledge of a foreign language for advanced degrees.

Contemporary technology is bringing the Spanish, French, and German speaking peoples to our work place and into our very homes. The College's Foreign Language program can make it possible for students to welcome them in their own language.

Introductory language and culture courses (101-102) are generally concerned with elementary language fundamentals as well as aspects of past and contemporary Hispanic, French, and German civilizations. They are designed primarily for students with little or no previous language training.

Students who have had two or more years of high school foreign language instruction should take the Foreign Language Placement Test.

Intermediate language courses (201-202) consist of thorough review and expansion of grammatical and syntactical usage learned in 101-102. In addition, more emphasis is placed on acquiring vocabulary, on reading in the foreign language, and on improving listening and speaking skills.

Study-Abroad Programs

The Department offers the opportunity to receive academic credit for study in a foreign country for a summer, a semester or two semesters.

Through Central College, Pella, Iowa, Newberry College is a member of a consortium offering a variety of foreign study programs. Many other study-abroad programs are available through different universities. In addition, the faculty will advise and assist students in enrolling directly in a study-abroad program of their choice. Normally, the cost of tuition, room, and partial board will not exceed expenses for the same period of time on the Newberry campus. Courses offered abroad are taught in the native language. Qualified students may enroll in these and other accredited programs. Students interested in making the study-abroad program a part of their Newberry College experience should contact Dr. Greg Cole.

Course Descriptions

French (FRE)

FRE 101, 102. Elementary Language and Culture. (3, 3)

Essentials of French grammar, pronunciation, vocabulary, with practice in listening, reading, writing, and speaking at a basic level. Selected readings on civilization and culture.

Offered both semesters (101 and 102) as needed.

FRE 201, 202. Intermediate Language Study. (3, 3)

Prerequisite: FRE 102 or equivalent.

Review and expansion of elementary grammar and vocabulary with continued practice in listening, speaking, and writing; more selected readings concerning civilization and culture.

FRE 201 offered fall semester as needed.

FRE 202 offered spring semester as needed.

German (GER)

GER 101, 102. Elementary Language and Culture. (3, 3)

A basic course in German for students with little or no high school experience, stressing basic grammar, listening, speaking, reading, and writing skills in German.

GER 101 offered fall semester; GER 102 offered spring semester. Courses offered as needed.

GER 201, 202. Intermediate Language Study. (3, 3)

Prerequisite: GER 102 or equivalent.

Review and expansion of elementary grammar and vocabulary with continued practice in listening, speaking, and writing; more selected readings concerning civilization and culture.

GER 201 offered fall semester as needed.

GER 202 offered spring semester as needed.

Spanish (SPA)

Department of English, Literature and Languages

Dale K. Brown, Department Chair

Spanish Faculty:

Associate Professor: Gregory Cole

Spanish Minor Requirements (19 hours)

Requirements for a minor in Spanish are 19 hours: SPA 101, 102, 103 (1 hour), 201, 202, and 6 hours in Spanish from the following: SPA 301, 302, 303, 304, 305, 306 and 307.

NOTE: Spanish minors who exempt SPA 101 or SPA 101/SPA 102 will exempt either three or six hours in the minor. Exemption is based on scores of examinations administered by the College, Advanced Placement credit, or CLEP scores.

Course Descriptions

SPA 101. Elementary Language and Culture. (3)

Elementary Spanish present the essentials of grammar, pronunciation, and vocabulary, with practice in listening, reading, writing, and speaking at the basic level. Brief cultural readings with class discussion.

Does NOT meet core requirements Area C-2.

Offered during fall semester and during Summer Session I.

SPA 102. Elementary Language and Culture. (3)

Prerequisite: Spanish 101 or placement.

The second semester of elementary Spanish continues to present essentials of grammar, pronunciation, and vocabulary, with practice in listening, reading, writing, and speaking. Brief cultural readings with class discussion.

Does NOT meet core requirements Area C-2.

Offered during spring semester and during Summer Session I.

SPA 103. Round Table. (1)

One hour a week of conversation and vocabulary building. The goal of this activity is to achieve greater fluency in the spoken language. A maximum of three hours can be earned.

Mandatory one semester for minors.

Does NOT meet core requirements Area C-2.

Offered every semester.

SPA 105. Spanish for Teachers. (3)

Prerequisite: SPA102 or equivalent; student in Teacher Education program

Intensive study of aural/oral skills designed to help future teachers communicate effectively with Hispanic students and parents.

Does NOT meet core requirements Area C-2.

Offered at departmental discretion.

SPA 201, 202. Intermediate Language Study. (3, 3)

Prerequisite: SPA 102 or equivalent.

Intermediate Spanish reviews and expands grammar study, combining cultural and literary readings with class discussion to continue development of speaking and analytical skills.

SPA 201 offered fall semester. SPA 202 offered spring semester.

SPA 301, 302. Spanish and Spanish-American Civilization and History. (3, 3)

Prerequisite: SPA 202 or equivalent.

Chronological study of Spanish or Spanish-American culture and its manifestations (politics, socio-economic life, art, music, literature). Spain and Spanish-America offered alternately.

Offered at departmental discretion.

SPA 303, 304. Survey of Spanish and Spanish-American Literature. (3, 3)

Prerequisite: SPA 202 or equivalent.

Study of the literature of the Spanish-speaking world from its beginnings to the present.

Offered at departmental discretion.

SPA 305. Conversation and Composition. (3)

Prerequisite: SPA 202 or equivalent.

Intensive course in the development of aural-oral and written skills.

Offered at departmental discretion.

SPA 306. Contemporary Hispanic Literature. (3)

Prerequisite: SPA 202 or equivalent.

Readings from the 20th century to the present.

Offered at departmental discretion.

SPA 307. An Introduction to Business Spanish. (3)

Prerequisite: SPA 202 or equivalent.

Basic business vocabulary and usage, and reading and writing skills for everyday office operations. Students acquire practical skills that can enable them to participate in the Spanish speaking business world.

Offered at departmental discretion.

SPA 313, 314. Advanced Conversation in Literature & Culture I, II. (3, 3)

Prerequisite: SPA 305 or equivalent.

Intensive study of aural-oral skills, with additional practice in the Spanish sound system.

Offered at departmental discretion.

SPA 490. Special Studies. (1-12)

Studies in specific disciplines taught on an individual basis or in various settings, including study-abroad programs. May repeat two times maximum. Proposals for Special Studies require prior approval of the Department Chair and the Vice President for Academic Affairs. Additional costs may apply when studies involve travel or off-campus settings.

SPA 491, 492. Independent Study. (1-3, 1-3)

Prerequisites: senior standing and minimum of two 300 level Spanish courses.

Independent Study courses may be taken for six hours maximum. SPA 491 or 492 are intensive reading and research courses designed for the senior year. Regular consultations with professor and Level 3 research paper required.

Offered with approval of the professor. Subject to rules and regulations on page 56.

SPA 499. Senior Essay. (1-3)

Prerequisites: senior standing and minimum of two 300 level Spanish courses.

A project requiring scholarly research.

Offered with approval of the professor. Subject to rules and regulations on page 57.

Forensic Science (FSC)

Department of Biology and Chemistry

Charles Horn, Department Chair

Forensic Chemistry Faculty:

Associate Professor: Sid Parrish

See Chemistry Major with Forensic Science Concentration, pages 88-89.

Course Descriptions**FSC 211. Introduction to Forensic Science. (3)**

Prerequisites: A grade of "C" or better in SCI 120 or CHE 101 or 113; BIO 101, 121, or 130.

An introductory course with emphasis on the terminology and techniques used in forensic chemistry. Topics will include crime scene analysis and reconstruction, DNA evidence, trace analysis, laboratory equipment, analysis of data, and other relevant forensic topics involved with current events. Three lecture hours per week. The optional laboratory portion is FSC 212.

Beneficial for Pre-Law students and Criminal Justice minors.

Offered fall semester.

FSC 212. Introduction to Forensic Science Laboratory. (1)

Prerequisites: A grade of "C" or better in SCI 120 or CHE 101 or 113; BIO 101, 121, or 130.

Co-requisite: FSC 211 (lecture portion of course)

An introductory forensics laboratory course with emphasis on laboratory techniques used in forensic science. Activities and discussions will be conducted which parallel the topics covered in FSC 211. Topics will include crime scene analysis, DNA evidence, trace analysis, laboratory equipment, analysis of data, and other relevant forensic topics involved with current events. Three laboratory hours per week.

Beneficial for Pre-Law students and Criminal Justice minors.

A \$95 lab fee is charged for this course.

Offered fall semester.

FSC 342. Forensic Chemistry Laboratory Techniques. (3)

Prerequisites: A grade of "C" or better in FSC 211, FSC 212, CHE 231 and CHE 321 or CHE 376.

Recommended: CHE 322

A continuation of FSC 212. Students will apply contemporary chemical techniques to analyze data collected from a simulated crime scene. Students will be required to analyze, applying apply instrumental techniques learned in previous chemistry courses and analyze their results. Data analysis will involve instrumentation used in forensic chemistry laboratories across the country. Eight hours of laboratory per week.

A \$150 lab fee is charged for this course.

Offered spring semester.

FSC 495. Forensic Science Internship. (2-4)

Prerequisites: A grade of "C" or better in FSC 211, FSC 212, FSC 342, and 16 hours of chemistry courses. Independent work at an off-campus location to apply college course work to a job situation, learn about a possible career and gain career related skills. Approval is required of both a Newberry College departmental faculty member and an onsite supervisor.

Subject to restrictions and regulations on page 57.

Offered on demand.

Geography (GEO)

Department of History and Social Sciences

Timothy G. Elston, Department Chair

Adjunct Faculty: Natalie Jenson

Course Description**GEO 135. Geography. (3)**

This course provides students with an introduction to the study of geography as a scholarly discipline and to the methodology of this field. It focuses on the physical and human dimensions of geography throughout the World by examination of significant, representative nations and regions.

Satisfies Core Curriculum requirements in History and Social Sciences, Area E-2.

The course is open to all students, but it is particularly relevant for those seeking secondary Social Studies certification and for Elementary Education majors.

Greek (GRE)

Department of Religion, Philosophy, and Church Leadership

Mike R. Beggs, Department Chair

Course Description**GRE 101, 102. Elementary Biblical Greek. (3, 3)**

Essentials of Greek grammar, pronunciation, vocabulary building, and exercises in translating Greek into English. This course of study focuses on developing the linguistic skills necessary for research in the Bible and its related literary and socio-historical context.

Satisfy departmental requirements to complete one year of language study.

Offered at discretion of Religion, Philosophy, and Church Leadership Department.

History (HIS)

Department of History and Social Sciences

Timothy G. Elston, Department Chair

History Faculty:

Professor: Jesse L. Scott

Associate Professor: Timothy Elston

Assistant Professor: Karl Rohr

Adjunct Faculty: Michele Coffey

The study of history as an organized body of knowledge is a vital and integral part of a liberal arts education. The courses offered by the Department are designed to give students a broader understanding of other cultures as well as a deeper appreciation of their own heritage, and to provide the basis for a thoughtful evaluation of the trends and developments of the contemporary world. Upper-level courses in particular also provide training in the methods of scholarly research and critical analysis.

Under a program approved by two national accrediting organizations in the field of Education, all Newberry College students seeking secondary certification to teach Social Studies must complete all of the requirements for a History major. History has long been one of the preferred undergraduate majors for those

planning a career in the legal profession, and several of our graduates have been successful in winning full-tuition scholarships to law schools. Others have continued their education in graduate school studies in a variety of disciplines, including history, education, journalism, and library science. Many use their undergraduate training for what it is, a solid liberal arts education with specialization in a field that emphasizes perspective, analytical insight, ability to synthesize, and effective communication skills.

History Prerequisites

No History course except those numbered 480 and above carries a prerequisite, but it is anticipated that most beginning students will take the introductory-level courses: HIS 111, HIS 112, HIS 121, and HIS 122.

Each course is treated as an entity so that it is not necessary to take courses in chronological order nor to take an entire sequence. For example, a student may take HIS 112 before taking HIS 111 or take HIS 212 without having taken HIS 211. When HIS 480 is offered, the sequential schedule for some other history courses may be temporarily altered.

History Major (B.A. Degree) Requirements (36- 42 hours)

Requirements for a major in History include 36-42 hours of History as follows: HIS 111, 112, 121, 122, 450, and 21 additional semester hours in History. At least 12 semester hours must be earned in courses numbered 300 and above. Further, students majoring in History must complete two semesters (6 hours) of a foreign language. This requirement can be met by demonstrating competency through placement tests or AP credit.

History Majors have the option of taking Constitutional Law (POS 343) and one of the following Church History classes (REL 203, REL 207, or REL 310) as hours toward the history major.

Teacher Education Requirements for Social Studies Certification in South Carolina

Students who plan to teach history or social studies at the secondary level must satisfy all of the requirements for the history major (36-42 hours) and must include HIS 240 or HIS 250, and at least one 300- or 400-level course in both American and European History among their electives.

The South Carolina Department of Education requires that History teachers be certified in the more broadly based field of "Social Studies" rather than the more narrowly defined field of "History." Therefore, students must also take the following courses as preparation for the comprehensive Social Studies certificate necessary to teach in South Carolina: ECO 210; POS 121; GEO 135; SOC 101. (Note that GEO 135 may count toward the 36-42 hours required for a History Major). These courses should be completed (or at least in process) before taking the Praxis II exam during the Junior year. In order to be certified by the state of South Carolina, candidates must pass all required PRAXIS II series tests and meet all certification requirements.

In addition, students must fulfill all of the Education course requirements for secondary certification. The 40 hours of education courses must include the Social Sciences Methods course, SSC 335. Students should note that to complete a degree in History and the South Carolina certification mandates now requires a minimum of 132 hours. Candidates should take EDU 224 and EDU 230 during their freshman year. EDU 232 should be taken during the sophomore year. These classes are prerequisites for all other education courses. All candidates must pass, or exempt, Praxis I reading, writing, and mathematics tests and apply for and be admitted to the Teacher Education Program in order to take 300- and 400-level education courses. Additional courses required for the secondary education ~~minor~~ concentration are EDU 300, EDU 342, EDU 382, EDU 455, EDU 480, EDU 483, and PHE 210. Schedules for otherwise qualified transfer students will be considered on an individual basis.

All candidates, regardless of major, complete a minimum of 108 hours of field experience in a public school prior to student teaching.

History Minor Requirements (18 hours)

The History minor requires 18 credit hours and may include hours earned to satisfy Core requirements. At least nine hours must be taken in courses numbered 211 or higher, and a distribution requirement must be fulfilled.

Credit must be earned for at least two of the following courses in History: HIS 111, 112, 211, 212, 220, 240, 250, 320, 321, 322, 323, 324, and 360.

Credit must be earned for at least two of the following courses in History: HIS 121, 122, 310, 330, 331, 332, 333, 334, 340, 351, 352, and 381.

The remaining two courses may be chosen from any of those offered by the Department except HIS 110.

Core Requirements

Core Curriculum requirements (History and Social Sciences, 2007 Area E1) stipulate that each student must successfully complete one of the following History courses: 111, 112, 121, or 122. Any additional History course, except HIS 110, but including another of the survey courses listed above, may be taken to fulfill part of the History and Social Sciences distribution requirement in the History and Social Sciences Core, Area E 2.

Course Descriptions

HIS 111, 112. A Survey of Civilization. (3, 3)

A two-semester study of the civilizations of the world divided at approximately 1500 A.D.

History 111 and 112 are required of all students in the Teacher Education Programs and for all history majors.

HIS 121, 122. The United States. (3, 3)

A two-semester survey of the political, economic, and social history of the United States divided at the Civil War.

History 121, 122 are required for all history majors.

HIS 121 offered fall semester; HIS 122 offered spring semester.

HIS 211, 212. British History. (3, 3)

The first semester will provide a survey of the Roman, Anglo-Saxon and Norman periods and emphasize the development of English jurisprudence and parliamentary government through the Glorious Revolution. The second semester begins with the Hanoverians and emphasizes Great Britain's rise as a world power. Socio-economic political issues of the 19th and 20th centuries receive particular attention.

Recommended for English majors and Pre-Law students.

HIS 211 offered fall semester, odd-numbered years; HIS 212 offered spring semester, even-numbered years.

HIS 220. Tsars and Commissars. (3)

A survey of Russia from the late 19th century through the revolutions of the early 20th century and the development of the Soviet Union.

Offered at departmental discretion.

HIS 240. Asian History. (3)

A survey of the history of Asia, emphasizing the civilizations of China, Japan, and Korea. The course concentrates upon the period since 1500 AD, with particular emphasis upon the period since 1850.

Offered at departmental discretion.

HIS 250. Latin American History. (3)

A survey of the history of Latin America since 1800. While the course will center on a discussion of the difference between economic growth and development in this regional context, it will also consider a variety of themes including national independence movements, the region's troubled relationship with the United States, the role of the Catholic Church, and the land question.

Offered at departmental discretion.

HIS 310. South Carolina History. (3)

The economic, political, social and environmental history of South Carolina from colonization to the present.

Offered at departmental discretion.

HIS 320. The Ancient World. (3)

A survey of the ancient world of Egypt, Mesopotamia, Israel, Phoenicia, Persia, Crete, Greece, and Rome.
Offered at departmental discretion.

HIS 321. The Middle Ages and The Renaissance. (3)

A survey of Europe analyzing the Church, feudalism, manorialism, the origin of the nation state, and the challenge of secularism and humanism during the millennium following the end of the Roman Empire.
Offered at departmental discretion.

HIS 322. The Reformation and Early Modern Europe. (3)

A survey of the religious and cultural fragmentation of Europe, the growth of the nation state, and the development of absolute monarchism.

Offered alternate years.

History 322 is accepted for credit toward a Religion and Philosophy major.

HIS 323. Modern Europe. (3)

An analysis of European social, political, and economic development from the Enlightenment to 1850.

Offered alternate years.

HIS 324. The Decline of European Power. Europe in the 20th Century. (3)

An analysis of the major elements of Europe's fall from world leadership from 1850 to the present.

Offered alternate years.

HIS 330. Colonial America. (3)

The course includes the crucial interaction of Native Americans, African-Americans and the rival European empires.

Offered at departmental discretion.

HIS 331. The New Nation. (3)

A history of the United States from the Revolutionary War through the Age of Jackson.

Offered spring semester, even-numbered years.

HIS 332. The Civil War. (3)

An in-depth study that uses diaries, letters and secondary sources to help students understand the causes, courses and consequences of the Civil War, including military strategies and the African-American experience.

Offered at departmental discretion.

HIS 333, 334. America Comes of Age. The United States in the 20th Century. (3, 3)

The first semester covers the period from the Populist Revolt in the 1890's through the New Deal in the 1930's. The second semester deals with the period from World War II to the present.

HIS 333 offered fall semester, even-numbered years;

HIS 334 offered spring semester, odd-numbered years.

HIS 340. A History of African Americans. (3)

Beginning with a summary of the African background, this course provides a survey of the Black American experience within the comprehensive context of the history of the United States.

Offered at departmental discretion.

HIS 351, 352. American Diplomacy. (3, 3)

The principles and practices of American foreign policy from the Revolution to the present. The first semester: foreign policy to 1914; the second semester: The United States as a world power.

HIS 351 and 352 are accepted as credits for a Political Science major.

Offered at departmental discretion.

HIS 360. Germany, Then and Now. (3)

Germany from the Brandenburg-Prussia era to the present.

Offered alternate years.

HIS 381. The Antebellum South. (3)

An analysis of the pre-Civil War south that includes studies of environment, politics, economics, daily life, the African-American experience and the crucial role of women.

Offered at departmental discretion.

HIS 430. Nazi Germany and the Holocaust. (3)

A study of Nazi Germany (1933-1945) and the Holocaust (1942-1945).

Offered at departmental discretion.

HIS 450. Historiography. (3)

The methodology of historical research and analysis.

Required of all history majors. Offered fall semester.

HIS 480. Seminar on Selected Topics. (3)

Open to advanced juniors and seniors with permission of the instructor.

A single topic of interest to faculty and students will be selected. Examples include the History of Science, Vietnam, the Crusades, the Muslim World, Women in History, Film and History, Native American History.

Offered at departmental discretion.

HIS 491, 492. Independent Study. (1-3, 1-3)

Independent study in a selected field or problem area of history. The topic or problem to be studied will be chosen in consultation with the department staff member under whose guidance the study will be conducted.

Open to students of demonstrated ability who are approved by the Department.

Subject to rules and regulations on page 56.

HIS 495, 496. Internship. (1-3, 1-3)

Internships or practical experience in an approved program of study.

Limited to majors in the department. Subject to regulations and restrictions on page 57.

HIS 499. Senior Essay. (1-3)

A project requiring scholarly research. *For majors only.*

Subject to rules and regulations on page 57.

Honors (HON)

Summerland Honors Program

Charles Horn, Director

Honors Faculty:

Professors: Charles Horn, Jesse Scott

Associate Professor: Timothy Elston

Assistant Professor: Kristi Key

Summerland Honors Program Description

See page 50 for a description of the Summerland Honors Program.

Summerland Honors Program Requirements

Students who are recognized at Commencement as having completed the Summerland Honors Program must complete 25 hours in Honors courses and must achieve at least a minimum cumulative GPA of 3.25 in Honors courses as well as their overall coursework.

Course Descriptions

HON 101. In Search of Ourselves. (4)

This semester is an historically based immersion in literary, philosophical, religious and artistic expressions of various aspects of human identity (e.g., human nature, love, alienation). Participating faculty will provide an orientation to particular disciplines involved in this semester's study. Specific themes may vary from year to year.

On-campus service component: each student will engage in service and/or participation with a faculty member or program in the area of arts and humanities. Students will choose from a list of opportunities compiled by the arts and humanities faculty in consultation with the Honors Committee. Honors 101 and 102 satisfy Core Curriculum requirements for Humanities/Fine Arts, Areas C-1, C-2, and C-3.

Offered fall semester.

HON 102. Images of the Human Soul. (4)

Building upon the study of the first semester, this course analyzes issues of human identity in today's world (e.g., human rights, postmodernism, morality). This semester will also provide a synthesis of various disciplines involved in the study. Themes may vary from year to year.

On-campus service component: requirements the same as Honors 101.

Honors 101 and 102 satisfy Core Curriculum requirements for Humanities/Fine Arts, Areas C-1, C-2, and C-3.

Offered spring semester.

HON 201. Looking Through a Lens and Living in Harmony with Nature. (4)

An examination of the scientific approach to understanding and predicting the natural world and essence of humanity. What is the Scientific Method, how did it emerge, and in what way(s) has science produced and also been produced by the human community? The sub-disciplines of biology, chemistry, environmental science, and physics will be explored, details of which may vary from year to year.

The laboratory component will emphasize use of the scientific method to investigate natural phenomena.

Community Service is an integral component of this course.

Honors 201 and 202 satisfy Core Curriculum requirements in Mathematics and Natural Sciences, Area D-1 and D-3.

Offered fall semester.

HON 202. Science, Technology and Values, A Closer Look at Today and the Future. (4)

Building upon the previous semester's study, students will confront one or several contemporary issues in science (e.g., natural disasters and society, genetic engineering, preserving the rain forest, can science solve every problem?). What is the place of science in the human community, and in what ways does science reveal and define nature?

The laboratory component will be used specifically to investigate problems in our world and how the scientific method can be used to investigate possible solutions.

Community Service is an integral component of this course.

Honors 201 and 202 satisfy Core Curriculum requirements in Mathematics and Natural Sciences, Area D-1 and D-3.

Offered spring semester.

HON 301. A Not So Distant Mirror: The Past as Prologue. (4)

This course explores the origins and evolution of human communities using the methods and studies of social scientists. Study will be focused around broad themes that may vary from year to year (e.g., the individual in community, the social contract, cooperation and conflict).

Off-campus service component: Each semester students will engage in programs of service to those in need

in local communities. Students will choose programs according to their interests and available opportunities (e.g., middle school mentoring programs, housing project tutoring, adult literacy). Honors 301 and 302 satisfy Core Curriculum requirements in History and Social Sciences, Areas E-1 and E-2. Offered fall semester.

HON 302. Our Many Faces: Facing the Music. (4)

This course continues the quest for identity by examining communities of the 20th century. As we shape our future in all arenas (e.g., social, economic, political, religious), what questions must we ask, what values must we act upon, what road must we take? As well, what are the possibilities for the future based on our study of the continuities and changes evident in the human story? Particular themes may vary from year to year. *Off-campus service component: Each semester students will engage in programs of service to those in need in local communities. Students will choose programs according to their interests and available opportunities (e.g., middle school mentoring programs, housing project tutoring, adult literacy). Honors 301 and 302 satisfy Core Curriculum requirements in History and Social Sciences, Areas E-1 and E-2. Offered spring semester.*

HON 401. The Human Character: Pulling It All Together. (1)

The “capstone experience” structured around a one hour seminar during Fall Semester of the senior year provides an opportunity for individual and collective reflection on the preceding three year experience. Above all, this is to be a time for reflection, for perhaps considering a portfolio and for revisiting any especially meaningful experiences. In short, it is to be a time for “pulling it all together.” Perhaps to focus our endeavor students will be asked to read a selected title with us (e.g., Mitch Albom, *Tuesdays With Morrie*, or Robert Coles, *The Call of Service*, and to ponder some essential questions: Who am I? Who are we? What time is it? Where are we? And what are we doing?)
Offered fall semester.

Humanities (HUM)

Department of Religion, Philosophy, and Church Leadership
Mike R. Beggs, Department Chair

Humanities courses are designed as interdisciplinary courses drawing upon the resources of two or more disciplines in the examination of an issue pertinent to a liberal arts education. These are by no means the only interdisciplinary courses offered at Newberry but those listed under the Humanities heading are coordinated through the Department of Religion, Philosophy, and Church Leadership. For other courses offered by the Department of Religion, Philosophy, and Church Leadership see pages 169-171 and 180-188.

Course Descriptions

HUM 100. Colloquium. (1)

Weekly presentation and discussion of scholarly work by faculty, guests, and students pursuing a major or minor in the Department of Religion, Philosophy, and Church Leadership. Others permitted with Religion & Philosophy faculty approval.
Offered every semester.

HUM 101. Theory and Practice of Community Service. (3)

An in-depth examination of the history, philosophy, pedagogical role, and methods of community service. Requires participation in community service. Open to sophomores and higher.
Does Not satisfy either Core requirement in the Humanities and Fine Arts, Area C.. Offered at discretion of the Department of Religion, Philosophy, and Church Leadership.

HUM 201. Service and Reflection. (3)

Open to sophomores and higher.

An examination of the relationship between community service and contemporary thought. Literary, philosophical, political and sociological texts may be examined to assist in the moral and social reflection about serving others. Requires participation in community service.

Offered at discretion of the Department of Religion, Philosophy, and Church Leadership.

HUM 250. Masterworks of Civilization. (3)

Prerequisite: ENG 112.

A cross-cultural study of selected works of literature, religion, and philosophy from antiquity to the present.

HUM 250 satisfies Core Curriculum requirements for Humanities/Fine Arts, Area C-2.

Offered at discretion of the Department of Religion, Philosophy, and Church Leadership.

HUM 300. Profiles in Leadership. (2)

Students will engage in a study of the traits and theories of leadership and their usefulness in solving human problems and dilemmas. The human side of leadership will be examined through materials drawn from religion, philosophy, history, science, business, sports, biography, film and drama. This wide-ranging investigation will focus on strategies for developing effective leadership styles. This course will examine the conduct and communication of exemplary leaders in Western Society as a means of exploring the virtues and traits recognized as being the most important for successful leadership.

Offered at discretion of the Department of Religion, Philosophy, and Church Leadership.

HUM 495. Internship. (3)

Internships or practical experience in an approved program of study.

Subject to regulations and restrictions on page 57.

International Studies and Commerce (ISC)

Course Descriptions**ISC 495 or 496. Internships. (1-3, 1-3)**

Internships or practical experience in an approved program of study. Where appropriate, students may substitute internships in Business Administration (BUA 495 or 496), History (HIS 495 or 496), Political Science (POS 495 or 496), or Sociology (SOC 495 or 496).

Subject to rules and regulations on page 57.

ISC 499. Senior Essay. (3)

A project requiring scholarly research.

Subject to rules and regulations on page 57. Offered as needed.

Mathematics (MAT)

Department of Mathematics, Physics, and Computer Science

Randy Key, Department Chair

Professors: Victor Terrana, Otis Walker

Assistant Professor: Randy Key

Adjunct Faculty: Charles Beam, Barbara Kyzer, Marcia Ringer

The Department of Mathematics, Computer Science, and Physics offers a major in Mathematics and minors in Computer Science, Mathematics, and Physics.

The programs of study offered by the department seek to implement the College's objective that its graduates be proficient in critical analysis, that they communicate effectively, and that they be adequately prepared for a profession/vocation.

In addition to being competent in the College-wide goals, successful majors are expected to:

- (1) demonstrate knowledge in multiple areas of Mathematics;
- (2) apply quantitative reasoning, logic and mathematical skills to the solution of problems arising from diverse disciplines;
- (3) write computer programs in a high level language;
- (4) apply concepts to successfully teach in secondary schools;
- (5) prepare for graduate school.

Mathematics Major (B.S. degree) Requirements (39 hours)

Students seeking a major in Mathematics must take a minimum of 39 hours, which includes:

- Computer Science 155 or above;
- Mathematics 200, 211, 212, 227, 300, 334, and 433;
- 12 semester hours of advanced course work in Mathematics from MAT 335, 338, 341, 342, 428, 443, and 445. This may include three additional hours of 156-400 level Computer Science courses or PHI 110 (Logic).

Teacher Certification Requirements for Mathematics Majors

Mathematics majors planning to teach in South Carolina secondary schools must take CSC 155 or above, MAT 200, 211, 212, 227, 300, 334, 335, 336, 433, plus six semester hours of advanced course work from MAT 338, 341, 342, 428, 443, and 445 or three additional semester hours from the list above and three additional hours of Computer Science courses.

It is recommended that majors take PHY 213, 214, and one course in Economics.

Some of the courses required for the major may have prerequisites that will require additional course work; some may fulfill Core Curriculum requirements in Mathematics and Natural Sciences, Areas 2 and 3.

EDU 224 and EDU 230 should be taken in different semesters during the freshman year. These classes are prerequisites for all other education courses. All candidates must pass, or exempt, Praxis I reading, writing, and mathematics tests and apply for and be admitted to the Teacher Education Program in order to take 300- and 400-level education courses. Additional courses required for the secondary education minor are EDU 232, EDU 300, EDU 342, EDU 382, EDU 455, EDU 480, EDU 483, and PHE 210. Schedules for otherwise qualified transfer students will be considered on an individual basis.

All candidates, regardless of major, complete a minimum of 108 hours of field experience in a public school prior to student teaching.

Mathematics Minor Requirements (18 hours)

The Mathematics minor requires 18 hours as follows: MAT 211 and 212 plus a minimum of ten hours selected from MAT 200, 227, 300, 334, 335, 338, 341, 342, 428, 433, 443, and 445.

MAT 150 is a prerequisite to MAT 211. MAT 150 can be used to meet the Mathematics Core requirement, D-2, and D-3.

Core Curriculum

Mathematics courses, except those listed below, satisfy the Core Curriculum requirements in Mathematics, Areas D-2 and D-3.

The following mathematics courses do NOT satisfy Core Curriculum requirements, Areas D-2 and D-3: MAT 098, Mathematical Skills; MAT 099, Algebra; MAT 221, Basic Concepts of Mathematics; MAT 222, Geometry for the Early Childhood/Elementary Teachers; MAT 336, Program of Mathematics in the High School.

Mathematics 222 will meet Core Curriculum requirements, Area D-2, only for Early Childhood/Elementary Education majors.

Course Descriptions

MAT 098. Mathematical Skills. (3)

A course in basic mathematical skills. Required for those students who lack the minimum competency necessary for success in Mathematics 099, 121, 122, 221, and 222.

This course does NOT satisfy the Core Curriculum requirement in Area D-2.

Not open for credit to students with credit in Mathematics beyond MAT 098.

MAT 099. Algebra. (3)

Prerequisite: MAT 098 or placement by examination only.

A basic skills course in algebra designed to improve mathematical skills of those students who need, but are not ready to begin a course in precalculus, computer science, business, or statistics.

This course does NOT satisfy the Core Curriculum requirement in Area D-2.

Offered every semester.

MAT 121, 122. Mathematics for the Liberal Arts. (3, 3)

Prerequisite: MAT 099 or suitable placement by examination.

A course on the methods and ideas of mathematics as they relate to the liberal arts. Topics such as sets, logic, mathematics and the fine arts, properties of functions, elementary probability and statistics, game theory, social choice, financial mathematics, number theory, graph theory, and binary operations will be covered.

MAT 121 offered fall semester; MAT 122 offered spring semester.

MAT 150. Precalculus Mathematics. (4)

Prerequisite: MAT 099 or suitable placement by examination.

An integrated treatment of algebra and trigonometry sufficient to prepare qualified students to begin a calculus sequence in their freshman year. Concepts of set and function are developed at the outset and used throughout the course.

Offered every semester.

MAT 200. Applied Statistics. (3)

Prerequisite: MAT 099 or suitable placement by examination.

A data-oriented approach to statistics by arguing from the sample to the population. Topics include combinatorics, random variables, sampling distributions, estimation, tests of statistical hypotheses, regression, correlation, ANOVA, and nonparametric methods.

Offered spring semester.

MAT 211: Calculus I—Differential Calculus. (4)

Prerequisite: MAT 150 or placement by the department.

A first semester calculus course. Topics include limits, applications and methods for differentiation in a single variable, and an introduction to integration.

Offered every semester.

MAT 212: Calculus II—Integral Calculus. (4)

Prerequisite: MAT 211 or placement by the department.

A second semester calculus course. Topics include techniques and applications for integration and an introduction to sequences.

Offered every semester.

MAT 221. Basic Concepts of Mathematics. (3)

A study from the early childhood and elementary school teacher's point of view of the structure of numbers, numeration systems, fundamental operations and set theory.

Required of all Early Childhood and Elementary Education majors.

A grade of "C" or better is required for Elementary Education majors.

Does NOT satisfy Core Curriculum requirements for Areas D-2 and D-3.

Offered fall semester.

MAT 222. Geometry for Early Childhood/Elementary Teachers. (3)

A study to develop geometric intuition and insight of such concepts as congruence, measurement, parallelism, and similarity.

Required of all Early Childhood and Elementary Education majors.

A grade of "C" or better is required for Elementary Education majors.

Does NOT satisfy Core Curriculum requirements for Areas D-2 and D-3.

Mathematics 222 will meet Core Curriculum requirements, Area D-2, for only Early Childhood/Elementary Education majors.

Offered spring semester.

MAT 227. Discrete Mathematics. (3)

Prerequisite: MAT 099 or suitable placement by examination.

Topics covered include number theory, formal logic, induction, combinatorics, probability, discrete random variables, and Boolean algebra.

MAT 300. Calculus III: Multivariable Calculus. (4)

Prerequisite: MAT 212. (PHY 213 may be taken concurrently with MAT 300.)

A study of infinite series and linear algebra treatment of multivariable calculus.

MAT 334. Linear Algebra. (3)

Prerequisite: MAT 212 or permission of department.

Topics include the theory of finite dimensional vector spaces and matrices treated from the standpoint of linear transformations.

Required for state teacher certification in Mathematics.

MAT 335. Modern Geometry. (3)

Prerequisite: MAT 121 or higher.

A study of modern geometry including history, current axiom systems, and alternate developments of geometry using coordinates, vectors, and groups.

Required for state teacher certification in Mathematics.

MAT 336. Methods of Teaching Secondary Mathematics. (3)

Prerequisite: MAT 150 or higher.

This course is designed to give teacher candidates practical training in the teaching of mathematics on the secondary level (9-12). Teacher candidates will become familiar with the national and state curriculum standards for mathematics instruction. They will develop an understanding of instructional strategies, activities, and materials essential for effective teaching of mathematics in secondary schools. Twenty-four hours of field experience will be required.

Required for teacher certification in Mathematics. Open only to students in the Teacher Education Program.

Does NOT satisfy Core Curriculum requirements for Areas D-2 and D-3.

MAT 338. Vector Analysis. (3)

Prerequisite: MAT 300.

A study of the algebra of vectors and the calculus of vector-valued functions. Topics include vector identities, space curves, and the gradient, divergence, and curl of vector functions. Also considered are line and surface integrals including the Divergence Theorem, Green's Theorem, and Stoke's Theorem.

Offered at departmental discretion.

MAT 341. Differential Equations. (3)

Co-requisite: MAT 300.

Methods for the solution of differential equations of the first order and special equations of the second order.

MAT 342. Applied Mathematics. (3)

Prerequisite: MAT 341 or permission of instructor.

Topics include curvilinear coordinate systems, Fourier Series, and transforms. Boundary value problems of interest to science and mathematics students. An introduction to the calculus of residues. Laplace transforms and the inversion integral.

Offered at departmental discretion.

MAT 428. Discrete and Continuous Probability. (3)

Prerequisite: MAT 212.

A study of chance from a theoretical perspective. Topics include: random variables, moment-generating functions, conditional probability and stochastic independence, sampling distributions, the Central Limit Theorem.

MAT 433. Modern Abstract Algebra. (3)

Prerequisite: MAT 212 or consent of the department.

Topics include groups, rings, and fields.

Required for state teacher certification in Mathematics.

MAT 443. Mathematical Analysis. (3)

Prerequisite: MAT 300.

Topics include the study of point sets on the line and in the plane, continuity of functions in these spaces, Stieljes integration, function spaces, and convergence.

Offered at departmental discretion.

MAT 445. Complex Analysis. (3)

Prerequisite: MAT 300.

A study of the algebra and calculus of complex numbers. Specific topics include analytic and elementary functions, mappings by elementary functions, the Cauchy integral formula, Taylor and Laurent Series, and residues and poles.

Offered at departmental discretion.

MAT 490. Special Topics in Mathematics. (3)

Prerequisite: Permission of instructor.

Topics to be selected by the instructor. Students may receive credit for more than one MAT 490 course, but students may not repeat the topics.

MAT 491. Independent Study. (1-3)

Independent study in a selected field or problem area of mathematics. The topic or problem to be studied will be chosen in consultation with departmental faculty under whose guidance the study will be conducted.

Subject to rules and regulations on page 56.

MAT 495, 496. Internship. (1-3, 1-3)

Internships or practical experience in an approved program of study.

Limited to majors in the department.

Subject to regulations and restrictions on page 57.

MAT 499. Senior Essay. (1-3)

A project requiring scholarly research.

Topics to be selected by the instructor. Students may receive credit for more than one MAT 490 course, but students may not repeat the topics.

Subject to rules and regulations on page 58.

Military Science (MSC)

LTC Shane Baker, Professor of Military Science

Instructors: CPT Lawrence Carrigan, Senior Military Science Instructor TBA, SFC Jason Mayfield

Written and oral communications, physical training, first-aid, navigation, leadership and ethics are taught throughout the four-year program.

Military Science Leadership Minor

| Required Courses | Credits |
|---|------------------------|
| MSC 301 Adaptive Team Leadership | 4 |
| MSC 302 Applied Team Leadership | 4 |
| MSC 410 Advanced Army Physical Fitness | 1 |
| *Choose ONE : HIS 324, 332, 333, 334, 351, or 352 | 3 |
| *Choose ONE : SPE 110 or 202 | 3 |
| *Choose ONE : POS 348, PHI 220, BUA 260, HUM 300, or PSY 330 | <u>3</u> |
| <i>*Course substitutions must be approved by the Professor of Military Science.</i> | 18 Credit Hours |

Course Descriptions

MSC 101. Leadership and Personal Development. (2)

MSC 102. Introduction to Tactical Leadership. (2)

(2 hour lecture) *No military obligation incurred.*

MSC 101 introduces cadets to the personal challenges and competencies that are critical for effective leadership. Cadets learn how the personal development of life skills such as critical thinking, goal setting, time management, physical fitness, and stress management relate to leadership, officership, and the Army profession.

MSC 102 provides an overview of leadership fundamentals such as setting direction, problem-solving, listening, presenting briefs, providing feedback, and using effective writing skills. Cadets explore dimensions of leadership values, attributes, skills, and action in the context of practical, hands-on, and interactive exercises.

Satisfies Core Curriculum requirements in Physical Education, Area G.

Class meets twice a week at Newberry College.

MSC 101 offered fall semester; MSC 102 offered spring semester.

MSC 101L, 102L. Basic Leadership Lab I. (1)

No military obligation incurred. Co-requisite: MSC 101 or 102.

ROTC labs bring together all elements of classroom instruction into field training focusing on basic knowledge and comprehension of the Army leadership dimensions. Labs are designed to introduce the freshman cadet to drill and ceremony, marksmanship, land navigation, first aid, small unit tactics, obstacle course training, and water survival. Required for contracted cadets.

Labs meet once a week at Presbyterian College.

MSC 101L offered fall semester. MSC 102L offered spring semester.

MSC 105. Foundations of Leadership (Compressed). (3)

This course is offered by exception only through prior approval of the Professor of Military Science and Leadership. This course merges the MSC 101 and 102 courses in a compressed period. The course accomplishes all enabling learning objectives and terminal learning objectives of two semesters. Military obligation is incurred due to linkage to follow on courses and commissioning.

MSC 201. Innovative Team Leadership. (2)

MSC 202. Foundations of Tactical Leadership. (2)

(2 hour lecture) *No military obligation incurred.*

MSC 201 explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and historical leadership theories that form the basis of the Army leadership framework (trait and behavior theories). Cadets practice aspects of personal motivation and team building in the context of planning, executing, and assessing team exercises.

MSC 202 examines the challenges of leading tactical teams in the complex contemporary operating environment (COE). The course highlights dimensions of terrain analysis, patrolling, and operation orders. Further study of the theoretical basis of the Army leadership framework explores the dynamics of adaptive leadership in the context of military operations.

Satisfies Core Curriculum requirements in Physical Education, Area G.

Class meets twice a week at Newberry College; Lab, once a week at Presbyterian College.

MSC 201 offered fall semester; MSC 202 offered spring semester.

MSC 201L, 202L. Basic Leadership Lab II. (1)

No military obligation incurred. Co-requisite: MSC 201 or 202.

ROTC labs bring together all elements of classroom instruction into field training focusing on basic knowledge and comprehension of the Army leadership dimensions. Labs are designed to reinforce the sophomore cadet's introduction to drill and ceremony, marksmanship, land navigation, first aid, small unit tactics, obstacle course training, and water survival. Required for contracted cadets.

MSC 201L offered fall semester. MSC 202L offered spring semester.

MSC 205. Leadership and Teamwork. (3)

This course is offered by exception only through the prior approval of the Professor of Military Science and Leadership. This course merges MSC 201 and 202 courses in a compressed period. The course accomplishes all enabling learning objectives and terminal learning objectives of two semesters. Military obligation is incurred due to linkage to follow on courses and commissioning.

MSC 210. Basic Army Physical Fitness. (1)

No military obligation incurred. Co-requisites: MSC 101, 102, 201, or 202.

ROTC physical fitness training develops, improves, and maintains the high level of physical strength and stamina required to be successful as a military officer. Training includes basic nutrition and fitness, running, upper body exercises, flexibility, and recreational activities. Course may be repeated for credit. This is a requirement for contracted cadets.

Partially Satisfies Core Curriculum requirements for Physical Education, Area G.

MSC 250. ROTC Leadership Training Camp (LTC). (Up to 8)

Prerequisite: Approval of the Professor of Military Science.

Four week, summer internship, at Fort Knox, KY. This is the accelerated version of the first two years of ROTC offered on campus and is meant to provide the best leadership development available. Students must have at least two years remaining before graduation. Travel pay and salary provided. Camp graduates are eligible for enrollment in advanced military science and may be offered a two year scholarship upon graduation. This course exposes the student to army life and allows them to decide if they want to pursue contracting and commissioning but does not commit a student to military duty.

This is a pass/fail course only. Offered only during the summer session.

Satisfies Core Curriculum requirements in Physical Education, Area G.

MSC 301. Adaptive Team Leadership. (4)

MSC 302. Applied Team Leadership. (4)

(3 hrs. lecture, 3 hrs. lab weekly) *Prerequisites: Basic Course (MSC 101/102/201/202) or Equivalent training approved by the Professor of Military Science.*

MSC 301 challenges cadets to study, practice, and evaluate adaptive leadership skills as they are presented with challenging scenarios related to squad tactical operations. Cadets receive systemic and specific feedback on their leadership attributes and actions. Based on such feedback, as well as their own self-evaluations, cadets continue to develop their leadership and critical thinking abilities.

MSC 302 challenges cadets as they face increasingly intense situations in order to build awareness and apply team leadership skills in leading tactical operations at the small unit level. Cadets review aspects of combat, stability, and support operations. They also conduct military briefings and develop proficiency in the operation orders process. The focus is on exploring, evaluating, and developing skills in decision-making, influencing others, and motivating team members in the contemporary operating environment. Cadets are evaluated on what they know and do as leaders as they prepare to attend the Leader Development Assessment Course.

Course satisfies Core Curriculum requirements in Physical Education, Area G.

MSC 301 offered fall semester; MSC 302 offered spring semester.

Lab meets at Presbyterian College.

MSC 401. Developing Adaptive Leaders. (4)

MSC 402. Leadership in a Complex World. (4)

(3 hrs. lecture, 3 hrs. lab weekly) *Prerequisites: MSC 301, 302.*

MSC 401 teaches cadets the duties and responsibilities of an Army staff officer and how to use the military decision making process, the Army writing style, and the Army's principles of training management during weekly training meetings to plan, execute, and assess ROTC battalion training events. Cadets study the special trust proposed to Army Officers by the U.S. Constitution and the President of the United States and how Army values and leader ethics are applied in the contemporary operating environment. Cadets learn the Army Officer's role in the Uniform Code of Military Justice, the counseling of subordinates, administrative actions, and how to manage their career as an Army Officer. Senior cadets train, mentor, and evaluate junior cadets while being mentored and evaluated by experienced ROTC cadre.

MSC 402 explores the dynamics of leading in the complex situations of current military operations in the contemporary operating environment. Cadets examine the differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. Cadets also explore aspects of interacting with non-governmental organizations, civilians on the battlefield, and host nation support. Significant emphasis is placed on preparing cadets for their first unit of assignment using case studies, scenarios, and exercises to prepare cadets to face complex ethical and practical demands of leading as commissioned officers in the U.S. Army.

Course satisfies Core Curriculum requirements in Physical Education, Area G.

MSC 401 offered fall semester; MSC 402 offered spring semester.

Lab meets at Presbyterian College.

MSC 405. Leadership, Management, and Officership . (Compressed) (3)

This course is offered by exception only through the prior approval of the Professor of Military Science and Leadership. This course merges MSC 401 and 402 courses into a compressed period. The course accomplishes all enabling learning objectives and terminal learning objectives of two semesters. Military obligation is incurred due to linkage to follow on courses and commissioning.

MSC 410. Advanced Army Physical Fitness. (1)

Prerequisite: Permission of Instructor

Co-requisites: MSC 301, 302, 401, or 402.

ROTC physical fitness training develops, improves, and maintains the high level of physical strength and stamina required to be successful as a military officer. Training includes basic nutrition and fitness, running, upper body exercises, flexibility, and recreational activities. Cadets serve as leaders by planning, organizing, and running physical training sessions for freshmen and sophomore cadets. Course may be repeated for credit. Limited to and required for contracted cadets.

Course partially satisfies Core Curriculum requirements for Physical Education, Area G.

Music (MUS) (MUA) (MUE)

Department of Music

Sally Cherrington Beggs, Department Chair

Music Faculty:

Associate Professors: Sally Cherrington-Beggs, William Long, Barry McGinnis

Assistant Professors: Laurel Larsen, Janet Long, Chris Sheppard

Adjunct Faculty: Kevin Flowers, Jens Larsen, Wanda Neese, Becky Smith, Matthew Smith, Kimberlee Turnbough, John Valerio, Tammy Yonce

The goals of the Department of Music are to:

- (1) develop student understanding of music as a human expression
- (2) develop student musical skills and attitudes related to professional musical activities
- (3) develop musical competencies relative to each student's degree requirements
- (4) develop critical thinking and problem solving skills in a context within a global world view
- (5) develop and impart musical values and priorities as viewed in the context of a small liberal arts college and as a church-related institution.

Music department graduates are prepared to participate and lead in a variety of levels in the field of music. Newberry music graduates include outstanding professional performers and choral and instrumental music educators who are leading excellent school music programs throughout the Southeast. Newberry music alumni have received graduate degrees in some of the most prestigious graduate programs in the United States. Music Department graduates have also had successful careers in the music industry.

The Department of Music at Newberry College is accredited by the National Association of Schools of Music (NASM).

Degrees

A. Bachelor of Arts (B.A.)

1. Applied Music
2. Church Music
3. Music Theory

C. Bachelor of Music Education (PK-12) (B.M.E.)

Area of Specialization

1. Choral Music
2. Instrumental Music (Band)

B. Bachelor of Music (B.M.)

1. Performance

Core Curriculum

The following music courses meet the Core Curriculum, Area C-3: MUS 141, History of American Music; MUS 150, Introduction to Music Literature; MUS 261, World Music; MUS 262, Music and the Romantics; MUS 341, History of Music I; MUS 342, History of Music II; MUS 343, History of Sacred Music. COL 105 for music majors (1 hour) meets Area A of the Core Curriculum.

MUS 151, Music Literature, meets the Core Curriculum, Area C-2. requirement.

Audition Requirements for Admission to the Music Program

Students should be prepared to play two pieces of their own choosing or two movements of a larger work. The student should select pieces in contrasting styles. If students would like to be accompanied, they should notify the Department of Music at (803) 321-5633 at least one week in advance of their audition date, and bring along an original copy of the accompaniment (not a photocopy). Instrumentalists will be asked to play several scales. The audition will also include a short section of sight-reading and tonal memory, a diagnostic music knowledge test (for placement purposes only), and an informal interview with the music faculty and Department Chair.

Note: In addition to determining admittance, this audition also determines a student's eligibility for a music department scholarship.

Degree Requirements

A. Bachelor of Arts (B.A. Degree) Requirements

1. Core Curriculum 48-51 hours

Candidates for the Bachelor of Arts degree in music are required to complete the Core Curriculum as described on pages 64-66. Music Literature (MUS 151) is a fine arts requirement for the B.A. Degree in Music; it will also fulfill the Fine Arts elective requirement in the Core Curriculum, Area C-2. In addition to completing these requirements, the Liberal Arts candidates choose general electives to equal a total of at least 126 credits.

2. Music Courses 57-67 hours

a. Applied Music

Applied Music – Major: Piano, Organ, Band Instrument, or Voice .. 16 hours

Applied Secondary Instrument – Piano (MUA 101-2 credits; MUA 102-2 credits; MUA 121 – 1 credit; and MUA 122 – 1 credit). Keyboard majors exempt MUA 101 and MUA 102, and are required to complete two hours of voice instead of MUA 121 and 122.

| | |
|--|----|
| Music Literature: (MUS 151) | 3 |
| Music Theory: (MUS 171, 172, 173, 174, 271,273, 274) | 15 |
| Music History: (MUS 341, 342) | 6 |
| Conducting: (MUS 377 or 378) | 2 |
| Recital (MUA 480) | 2 |
| Repertory Seminar (MUS 100) (8 semesters) | 0 |
| Music Electives | 4 |
| Ensembles (8 semesters) | 8 |

Total 58-62 hours

b. Church Music

Applied Music – Major: Piano, Organ, Band Instrument, or Voice .. 16 hours

Applied Secondary Instrument – Piano (MUA 101 – 2 credits; MUA 102 – 2 credits; MUA 121 – 1 credit; and MUA 122 – 1 credit). Keyboard majors exempt MUA 101 and MUA 102, and are required to complete two hours of voice instead of MUA 121 and 122.

| | |
|--|----|
| Organ | 1 |
| (Required of all Church Music majors. Organists do NOT have to take an extra hour of organ) | |
| Practice of Church Music (MUS 483) | 3 |
| Music Literature: (MUS 151) | 3 |
| Music Theory: (MUS 171, 172, 173, 174, 271, 273, 274) | 15 |
| Music History: (MUS 341, 342) | 6 |
| Hymody and Liturgy: (MUS 343) | 3 |
| Choral Conducting (MUS 377) | 2 |
| Counterpoint (MUS 366) for organists or Secondary Choral Methods (MUS 472) for vocalists or Instrumental Conducting (MUS 378) for instrumentalists | 2 |
| Recital (MUA 480) | 2 |
| Repertory Seminar: (MUS 100) (8 semesters) | 0 |
| Ensembles (8 semesters) | 8 |

Total 62-67 hours

c. Music Theory

| | |
|---|---------|
| Applied Music –Major: Piano, Organ, Band Instrument, or Voice | 8 hours |
| Applied Secondary Instrument – Piano (MUA 101 – 2 credits; MUA 102 – 2 credits, and 4 credits of piano lessons). Keyboard majors exempt MUA 101 and MUA 102, and are required to complete 12 hours total of lessons in their major keyboard instrument. | |
| Music Literature: (MUS 151) | 3 |
| Music Theory: (MUS 171, 172, 173, 174, 271, 273, 274) | 16 |
| Music History: (MUS 341, 342) | 6 |
| Conducting: (MUS 377 or 378) | 2 |
| Composition and Analysis: (MUS 367) | 2 |
| Counterpoint: (MUS 366) | 2 |
| Orchestration: (MUS 463)..... | 2 |
| Recital (MUA 380) or thesis paper | 1 |
| Repertory Seminar: (MUS 100) (8 semesters)..... | 0 |
| Music Electives | 3 |
| Ensembles (8 semesters) | 8 |
| Total 58-62 hours | |

B. Bachelor of Music (B.M. Degree) Requirements

1. Core Curriculum..... 43-54 hours

Candidates for the Bachelor of Music degree are required to complete the Core Curriculum as described on pages 65-66. Music History I (MUS 341) is a requirement for the B.M. Degree in Music; it will also fulfill the Fine Arts elective requirement in the Core Curriculum, Area C.

2. Music Courses 92 hours

| | |
|---|----------|
| Applied Music – Major: Piano, Organ, or Band Instrument | 32 hours |
| Major: Voice | 30 hours |
| Applied Secondary Instrument | 6 |
| (all credits must be earned on the same instrument) | |
| Piano (MUA 101 – 2 credits; MUA 102 – 2 credits; MUA 121 – 1 credit; MUA 122 – 1 credit). | |
| Keyboard majors exempt MUA 101 and MUA 102 and must take their secondary credits in another area. | |
| Music Literature: (MUS 151) | 3 |
| Music Theory: (MUS 171, 172, 173, 174, 271, 273, 274) | 16 |
| Music History: (MUS 341, 342) | 6 |
| Conducting: (MUS 377, 378)..... | 4 |
| Composition and Analysis: (MUS 367) | 2 |
| Counterpoint (MUS 366) | 2 |
| Applied Instrument Literature (MUS 350, 351, 352, or 353)..... | 2 |
| Foreign Language Diction for Singers (MUS 365) (<i>Voice majors only</i>)..... | 2 |
| Applied Instrument Pedagogy (MUS 371, 372, 373, or 374) | 2 |
| Recital (MUA 380) | 1 |
| Recital (MUA 480)..... | 2 |
| Repertory Seminar (MUS 100) (8 semesters)..... | 0 |
| Ensembles (8 semesters) | 8 |
| Total 92 hours | |

C. Bachelor of Music Education (B.M.E. Degree) Requirements

The Music Education program works closely with the Department of Education, sharing many goals, conceptual frameworks, and disposition requirements for students. The Bachelor of Music Education provides licensure for teaching pre-kindergarten through high school. Students choose either choral or instrumental music as a concentration, but will be prepared to teach in all areas and grade levels.

Music Education Examinations

All teacher candidates are required by the State of South Carolina State Department of Education to pass Praxis I Reading, Writing, and Mathematics tests in order to be accepted into a Teacher Education program. This test may be exempted for students who scored at least 24 on the ACT, 1100 on the 2-part SAT, or 1650 on the 3-part SAT. If one wishes to exempt the test, the student must provide proof of scores from the Admissions Office (to the music department) their freshman year. **Students should have passed all three tests by the end of the first semester of their sophomore year. Failure to have done this may compromise passing of the sophomore barrier.** If the test has been failed three times, it is suggested that the candidate discuss the possibilities of a change of major with their advisor and music education professor. Please be aware that **delays in taking this test and/or providing the required admission essay (due to the Department of Education the sophomore year) could add one or more semesters in the planned program and graduation.**

Music Education Program Requirements

The B.M.E. degree requires 144-146 hours of course work in four areas: the Core Curriculum Requirements, Music Requirements, Specialization Requirements, and Education Requirements.

Candidates should take EDU 224 during Fall semester of their freshman year. MUS 102 and EDU 230 should be taken the Spring semester of the freshman year. EDU 232 is taken during the sophomore year, as well as MUS 281 and MUS 282. EDU 224 and MUS 102 are prerequisites for all other education classes, and all of the above should be taken before the conclusion of the sophomore year and the sophomore barrier. Schedules for transfer students will be considered on an individual basis. All candidates must pass or exempt Praxis I reading, writing, and mathematics tests and apply for and be admitted into the Teacher Education Program in order to take 300- and 400-level education courses.

Additional required education courses include: MUS 381, MUS 471 or MUS 472, EDU 480 and EDU 483.

The B.M.E. degree requirements include all courses required for PK-12 teacher certification in the State of South Carolina.

A grade of a “C” or above must be made in all education-related classes, and an overall grade average of 2.50 must be maintained. The music education student must give evidence of positive dispositions, commensurate with being a future public school teacher.

1. Core Curriculum Requirements (42-43 hours)

Candidates for the Bachelor of Music Education (B.M.E.) degree are required to complete the Core Curriculum as described on pages (65-66). Music education students should take Religion 110 (F-1b). History of Music I (MUS 341) will then fulfill the additional requirement of the Religion and Ethics Area, F-1b. (a total of 6 credits taken in F-1b). Introduction to Music Literature (MUS 151) fulfills the Fine Arts requirement, Area C 2. History of Music II (MUS 342) should be elected to fulfill the Fine Arts elective requirement in the Core Curriculum, Area C-3. Participation in Marching Band (MUE 101) fulfills one credit of the Physical Education requirement (Area G-1).

2. Music Requirements (29 hours)

| | |
|---|----|
| Music Literature (MUS 151*)..... | 3 |
| Music Theory (MUS 171, 172, 173, 174, 271, 273, 274)..... | 15 |
| Music History (MUS 341**, 342) | 6 |
| Conducting, Choral and Instrumental (MUS 377, 378)..... | 4 |
| Recital (MUA 380)..... | 1 |
| Repertory Seminar (MUS 100-8 semesters) | 0 |

3. Specialization Requirements (49-50 hours)

Candidates for the B.M.E. degree must complete one of the following areas of specialization:

a. Choral Music Specialization

| | |
|--|-------|
| Applied Music—Major Instrument | 14 |
| Applied Secondary Instrument—Piano (MUA 101—2 credits; MUA 102—2 credits; 2 semesters of MUA 121—1 credit and 122—1 credit) | * 5-6 |
| Introduction to Music Education (MUS 102) | 1 |
| Instrument Classes (MUA 105, 207, 210, 213) | 8 |
| Music Teaching in Practice (MUS 281) | 2 |
| Secondary School Music Methods and Materials (MUS 282) | 1 |
| Music Technology (MUS 382) | 2 |
| Elementary School Music Methods and Materials (MUS 381) | 3 |
| Vocal Pedagogy (MUS 371) | 2 |
| Voice Studio (MUA 110) (7 semesters) | 0 |
| Choral Methods and Materials (MUS 472) | 3 |
| College Singers (MUE 111) | 8 |

b. Instrumental Music Specialization

| | |
|---|-------|
| Applied Music-Major Instrument | 14 |
| Applied Secondary Instrument—Piano (MUA 101—2 credits; MUA 102—2 credits; MUA 121—1 credit and MUA 122—1 credit) | * 5-6 |
| Introduction to Music Education (MUS 102) | 1 |
| Vocal Pedagogy (MUS 371) | 2 |
| Music Technology (MUS 382) | 2 |
| Instrument Classes (MUA 105, 207, 210, 213) | 8 |
| Music Teaching in Practice (MUS 281) | 2 |
| Secondary School Music Methods and Materials (MUS 282) | 1 |
| Elementary School Music Methods and Materials (MUS 381) | 3 |
| Instrumental Methods and Materials (MUS 471) | 3 |
| Marching/Concert Band (MUE 101—4 credits, MUE 102—4 credits)*** | |

* 1 credit of piano may be exempted for some students.

4. Education Requirements (24 hours)

| | |
|---|----|
| Foundations of Teaching and Learning (EDU 224) | 3 |
| Human Development and Learning (EDU 230) | 3 |
| Working with Exceptional & Diverse Learners (EDU 232) | 3 |
| Internship (EDU 480) | 12 |
| Seminar (EDU 483) | 3 |

*Music Literature (MUS 151): 3 credits count toward Core Curriculum requirements.

**Music History (MUS 341): 3 credits counts toward Core Curriculum requirements.

**Music History (MUS 342): 3 credits counts toward Core Curriculum requirements.

***Marching Band (MUE 101): 1 credit counts toward Core Curriculum requirements.

Total hours for the Bachelor of Music Education degree 144-146

Regulations, performance standards and additional requirements for each degree, major, and minor are listed in the *Music Department Handbook*

Minor Requirements

Students may minor in Church Music, Jazz Studies, or Music.

Church Music Minor (21 hours)

The Church Music Minor requires 21 hours as follows:

| | |
|--|---------|
| Applied Music | 8 hours |
| <i>Major performance (voice, organ, piano, or instrument)—6 hours; Piano—2 hours (in addition to Elementary Piano Class. Organists and pianists must take 2 hours of voice instead of 2 hours of piano.)</i> | |
| Elementary Piano Class (MUA 101) | 2 hours |
| <i>Students with a keyboard concentration may substitute MUS 173 at the discretion of the instructor.</i> | |
| Music Literature: (MUS 151) | 3 hours |
| Choral Conducting (MUS 377)..... | 2 hours |
| Practice of Church Music (MUS 483)..... | 3 hours |
| Music Electives: (MUS 341 or MUS 342 or MUS 343) | 3 hours |
| <i>Note: MUS 343 is recommended for non-music majors completing this minor.</i> | |
| Repertory Seminar—Four semesters of MUS 100 | 0 hours |

Jazz Studies Minor (18 hours)

The Jazz Studies minor is designed to be taken by students currently enrolled as music majors. Non-majors may also enroll in this minor with the permission of the Department of Music. Some of the courses required for the Jazz Studies minor may have prerequisites that will require additional course work for non-majors.

The Jazz Studies minor will require 18 semester hours in addition to those already required for a music major. The 18 hours will be comprised of the following courses:

| | |
|--|-----------------|
| History of Jazz (MUS 311) | 3 hours |
| Jazz Theory and Arranging (MUS 312) | 3 hours |
| Improvisation I (MUS 331) | 2 hours |
| Improvisation II (MUS 332)..... | 2 hours |
| Participation in either MUE 104 (Jazz Ensemble) or MUE 105 (Jazz Combo) each semester for 8 semesters | 8 hours |
| Total | 18 hours |

Music Minor (21 hours)

The Music minor requires 21 hours as follows: six hours of applied music (must include MUA 101 unless exempted), MUS 151, 171, 173, 341, 342, four semesters of MUS 100 (Repertory Seminar), and two hours of ensembles.

FEES

Music fees for a semester or a summer session are as follows:

| | |
|---|------------------------|
| Private lessons in Piano, Organ, Voice, Guitar, or Band Instruments | \$125 Each Credit Hour |
| Instrument Class (Brass, Woodwinds, Strings, or Percussion) | \$ 90 |
| Piano Class | \$ 90 |

Bachelor of Music students taking more than two hours credit in Applied Music (MUA courses) will be charged for a maximum of two hours.

Courses requiring a fee are designated by the following symbols in the course descriptions:

† Private Lesson Fee

‡ Class Fee

SOPHOMORE BARRIER EXAM

Upon completion of the second semester of the Sophomore Level as a music major, the student is examined by the music faculty to determine eligibility for Junior Standing as a music major. In order to pass, students must meet the requirements on the following page:

1. Music majors must have a minimum 2.75 GPA in their music classes. This will be reviewed with their advisor.
2. Students must perform a longer jury than usual, which will include the following:
 - A. Instrumental majors:
 1. All major and minor scales—the number of forms of the minor scale and number of octaves required are at the discretion of the individual teacher.
 2. Two contrasting pieces, to be approved in advance by the major teacher.
 - B. Vocal majors:
 1. Four memorized songs, each in a different language, to be approved by the major teacher.
3. Students should be prepared to answer the following questions about the pieces they are performing:
 - A. In what major or minor key is the piece written?
 - B. What do any tempo markings provided by the composer or editor mean?
 - C. What do any other musical terms provided by the composer or editor in the score mean (i.e. sforzando, rubato, marcato, con sordino, etc.)?
 - D. In what style period (Renaissance, Baroque, etc.) did the composer of the piece live? Be prepared to discuss some background on the composer and his works.
4. In addition to the above, music education students will have prepared and/or be asked to do a faculty-chosen requirement. The student may be asked, for instance, to: provide a video of his/her teaching, summarize a developing philosophy of teaching and being a teacher, give an example of explaining a concept or fact, provide a completed lesson plan, or telling the committee how to deal with a hypothetical management or teaching situation.

The education student will also be asked the status of requirements for being admitted to the Teacher Education program, the Praxis Test I, and CACP papers.

Course Descriptions

Music (MUA—Applied Music)

Only music majors who have been admitted to the Bachelor of Music program can take applied music lessons for more than two hours during each semester.

† **Private Lesson Fee**

‡ **Class Fee**

MUA 100. Elementary Piano Class.‡ (2)

*Non-music majors. No prior keyboard experience.
Offered at departmental discretion.*

MUA 101, 102. Elementary Piano Class.‡ (2, 2)

Music majors and minors only.

Practical keyboard facility; fundamentals of music.

MUA 101 may be exempted by a qualifying exam which should be taken before registration for the class.

MUA 101 offered fall semester; MUA 102 offered spring semester.

MUA 104. Guitar Class. (2)

A study of the performance techniques and basic repertoire for classical, blues and folk guitar styles. Includes chords and scales.

*Non-music majors are welcome in this course (no prerequisite, but students must supply their own guitar).
Offered spring semester.*

Lessons

MUA 110. Voice Studio. (0)

A weekly studio master class required of all students taking voice lessons.

Requires concurrent enrollment in MUA 115, 116, 215, 216, 315, 316, 415, or 416.

MUA 111. Percussion Studio. (0)

A weekly studio master class required of all students taking percussion lessons.
Requires concurrent enrollment in MUA 155, 156, 255, 256, 355, 356, 455, or 456.

MUA 115, 116, 215, 216, 315, 316, 415, 416. Voice† (1-4)

Major or secondary instrument.
Requires concurrent enrollment in MUA 110.

MUA 120. Keyboard Studio. (0)

A weekly studio master class required of all piano and organ majors and minors.
Requires concurrent enrollment in MUA 121, 122, 221, 222, 321, 322, 421, or 422 or MUA 125, 126, 225, 226, 325, 326, 425, 426.

MUA 121, 122, 221, 222, 321, 322, 421, 422. Piano† (1-4)

Major or secondary instrument.

MUA 125, 126, 225, 226, 325, 326, 425, 426. Organ† (1-4)

Major or secondary instrument.

MUA 131, 132, 231, 232, 331, 332, 431, 432. Improvisation.† (1-4)

An interpretation of improvisation nomenclature; chord symbols, scales, modes.

MUA 141, 142, 241, 242, 341, 342, 441, 442. Brass Instrument.† (1-4)

Major or secondary instrument.

MUA 145, 146, 245, 246, 345, 346, 445, 446. Woodwind Instrument.† (1-4)

Major or secondary instrument.

MUA 155, 156, 255, 256, 355, 356, 455, 456. Percussion Instrument.† (1-4)

Major or secondary instrument.
Requires concurrent enrollment in MUA 111.

MUA 165,166, 265,266, 365,366, 465,466. Guitar Lessons.† (1-4)

Major or secondary instrument.

Classes

MUA 105. String Class. ‡ (2)

A study of rudiments and techniques of stringed instruments.
Offered spring semester. Requires 2 hours of field experience.

MUA 207. Brass Class. ‡ (2)

A study of scales and techniques of brass instruments.
Offered spring semester. Requires 2 hours of field experience.

MUA 210. Woodwind Class. ‡ (2)

A study of scales and techniques of woodwind instruments.
Offered fall semester. Requires 2 hours of field experience.

MUA 213. Percussion Class. ‡ (2)

A study of rudiments and techniques of the percussion instruments.
Offered fall semester. Requires 2 hours of field experience.

Recitals

A student must be studying applied music with a member of the Newberry College faculty in the area or areas in which he or she will be presenting a recital during the semester in which he or she presents the recital.

MUA 380. Recital. (1)

Performance of approximately 30 minutes.
Offered at departmental discretion.

MUA 480. Recital. (2)

Performance of approximately 60 minutes.
Offered at departmental discretion.

Music (MUE—Music Ensembles)

Every music major is required to take part in either the Marching/Concert Band or the Newberry College Singers each semester. A music major who receives a music department scholarship may have additional performance requirements. These ensembles are also open to non-music majors by audition.

The following ensembles are also open to all students by audition: Jazz Ensemble (MUE 104), Jazz Combo (MUE 105), Woodwind Ensembles (MUE 106), Brass Ensemble (MUE 107), Percussion Ensemble (MUE 108), and Madrigals (MUE 112).

MUE 101. Marching Band. (0-1)

*Required for all Instrumental majors.
Offered fall semester.*

MUE 102. Concert Band. (0-1)

*Required for all Instrumental majors.
Offered spring semester.*

MUE 104. Jazz Ensemble. (0-1)

Offered every semester.

MUE 105. Jazz Combo. (0-1)

Offered every semester.

MUE 106. Woodwind Ensembles. (0-1)

MUE 106 A. Clarinet Ensemble. (0-1)

MUE 106 B. Flute Ensemble. (0-1)

MUE 106 C. Saxophone Ensemble. (0-1)

MUE 106 D. Woodwind Quintet. (0-1)

Offered every semester, as student enrollment permits.

MUE 107. Brass Ensemble. (0-1)

Offered every semester.

MUE 108. Percussion Ensemble. (0-1)

Offered every semester, as student enrollment permits.

MUE 111. Newberry College Singers. (0-1)

*Required for vocal and choral music majors in the B.M.E. Program.
Offered every semester.*

MUE 112. Madrigals. (0-1)

Offered every semester.

Music (MUS—Music History)

MUS 141. History of American Music. (3)

A study of the development of American music beginning with Native American music and then progressing from Colonial music to contemporary American music. The first half of the course will cover classical and folk music, while the second half will examine jazz, rock, and popular music styles. This course will usually be team taught within the music department.

Satisfies Core Curriculum requirements in Fine Arts, Area C-3.

Offered spring semester.

MUS 341. History of Music I: Early and Religious Music. (3)

For Music majors or by permission of instructor.

A study of the development of music from ancient times through the middle Baroque period, emphasizing sacred music.

Satisfies Core Curriculum requirements in Religion and Ethics, Area F-1b.

Offered fall semester.

MUS 342. History of Music II. (3)

For Music majors or by permission of instructor.

A study of the development of music from the late Baroque period through the present.

Satisfies Core Curriculum requirements in Fine Arts, Area C-3.

Offered spring semester.

MUS 343. Hymnody and Liturgy. (3)

For Music Majors or by permission of instructor.

The student will experience a historical and cultural overview of the great wealth of hymns, from the earliest hymnody through current trends. Students will develop an understanding of appropriate performance practice for each style. Students will also become familiar with the history and current practices of the liturgy of the Lutheran church and other denominations.

Satisfies Core Curriculum requirements in Fine Arts, Area C-3.

Offered at departmental discretion.

Music (MUS—Music Literature)

MUS 100. Repertory Seminar. (0)

Weekly performing and listening experiences, including student, faculty, and guest recitals and concerts.

Written critiques of selected performances will be required of all students.

Eight semesters required of all music majors.

Graded on Pass/Fail basis.

Offered every semester.

MUS 150. Introduction to Music Literature. (3)

For non-music majors only.

A guide for students with limited or no musical experience to gain a greater sensitivity, understanding, and appreciation for a variety of musical styles. Cultural and other artistic influences will be discussed and the students' listening skills will improve as they learn what musical elements make each style unique. The main emphasis of learning is early to modern classical music, and as time allows will include basic introductions to folk, jazz, and rock.

Lecture and listening to recordings are the primary methods of instruction.

Satisfies Core Curriculum requirements in Fine Arts, Area C-3.

Offered fall semester; offered spring semester at departmental discretion.

MUS 151. Music Literature. (3)

For Music majors or by permission of Department Chair.

Survey of musical styles and forms of the Middle Ages, Renaissance, Baroque, Classical, Romantic, and Contemporary periods. Analytical listening.

Satisfies Core Curriculum requirements in Fine Arts, Area C-2.

Offered spring semester.

MUS 261. World Music. (3)

A study of the music of a wide variety of cultures around the world, including the relationships between music and society. This is primarily a lecture and listening course.

Satisfies Core Curriculum requirements in Fine Arts, Area C-3.

Offered at departmental discretion.

MUS 262. Music and the Romantics. (3)

A study of Nineteenth Century Romanticism in music emphasizing the influence of literature and nationalism.

Satisfies Core Curriculum requirements in Fine Arts, Area C-3.

Offered at departmental discretion.

MUS 350. Vocal Literature. (2)

A survey of materials utilized in teaching and performance from all periods.

Offered at departmental discretion.

MUS 351. Woodwind Literature. (2)

A survey of materials utilized in teaching and performance from all periods.

Offered at departmental discretion.

MUS 352. Brass Instrument Literature. (2)

A survey of materials utilized in teaching and performance from all periods.

Offered at departmental discretion.

MUS 353. Piano Literature. (2)

A survey of materials utilized in teaching and performance from all periods.

Offered at departmental discretion.

MUS 359. Stylistic Analysis. (2)

A study of Western musical style and form from Gregorian Chant to the present, stressing aural analysis.

Offered at departmental discretion.

Music (MUS—Music Theory)

MUS 171. Ear Training I. (2)

Sight singing and melodic and harmonic dictation on the elementary level.

Offered fall semester.

MUS 172. Ear Training II. (2)

Prerequisites: MUS 171 & MUS 173

Sight singing and melodic and harmonic dictation on the intermediate level.

Offered spring semester.

MUS 173. Theory of Music I. (2)

An introduction to the basic elements of the musical language, with extensive drilling of keys, scales, triads, seventh chords, Roman numerals, inversions, and voice leading.

Offered fall semester.

MUS 174. Theory of Music II. (2)

Prerequisites: MUS 171 & MUS 173

A study of diatonic harmony, with attention to tonal chord progressions, appropriate use of inverted chords, figured bass, voice leading, dominant seventh chord resolutions, and harmonization.

Offered spring semester.

MUS 271. Ear Training III. (1)

Prerequisites: MUS 172 & MUS 174

Advanced sight-singing and melodic and harmonic dictation corresponding to the vocabulary of the harmonic materials in MUS 273.

Offered fall semester.

MUS 273. Theory of Music III. (3)

Prerequisites: MUS 172 & MUS 174

Modulation and chromatic harmonies, including secondary dominant and leading tone chords, mode mixture, Neapolitan chords, augmented sixth chords, and extended dominants. Special attention is given to music of the Romantic Era. Analysis and composition are included as major assignments.

Offered fall semester.

MUS 274. Theory of Music IV. (3 or 4)

Prerequisite: MUS 273.

A study of materials used in twentieth-century compositions, including scales, vertical sonorities, rhythms, voice leading, and pitch centricity. Examination of a variety of compositional styles, including free atonality and serial techniques. Analysis and composition are included as major assignments.

Bachelor of Music Education students, 3 hours; Bachelor of Music students, 4 hours;

Bachelor of Arts-Applied and Church Music majors, 3 hours; Bachelor of Arts-Theory majors, 4 hours.

Offered spring semester.

MUS 365. Foreign Language Diction for Singers. (2)

A study of proper diction for English, Latin, Italian, French, and German for singing. The use of the International Phonetic Alphabet and transliteration skills will be the central focus of the course of study.

Required for all voice majors. Highly recommended for Choral Music Education and Church Music Majors.

Offered at departmental discretion.

MUS 366. Counterpoint. (2)

Prerequisite: MUS 273.

Analysis of 18th century counterpoint and composing in this style.

Offered at departmental discretion.

MUS 367. Composition and Analysis. (2)

Prerequisite: MUS 274.

A study of 20th century composition techniques; analysis of 20th century music.

Offered at departmental discretion.

MUS 463. Orchestration. (2)

Prerequisite: MUS 274.

A study of the individual instruments of the orchestra and band; orchestra and band arranging.

Offered at departmental discretion.

Music (MUS—Music Education)

MUS 102. Introduction to Music Education. (1)

Required for all music education majors and taken the Spring semester of the freshman year.

Students beginning their journey as music teachers will explore the many facets involved in public school music education and begin the development of a philosophical stance for teaching children. Issues in education, an historical background of music education, symposiums and people, realizations and introspection of why music is required in the public schools, and why one wants to be a music teacher will be probed. This class will also include an introduction to early American church, folk, and popular music. Beginning lessons and lesson plans will be initiated, and requirements for sophomore barrier, graduation and state licensure will be presented.

Field experience hours are required.

MUS 153. Introduction to Music Appreciation for the Elementary Education Major. (3)

Required for all Early Childhood and Elementary Education Majors.

This course is a guide in gaining a greater understanding, appreciation, and discrimination of the various styles of music, with a special emphasis on classical music. Cultural, historical, societal, and other artistic influences on the music of each style will be discussed, giving the student a broad spectrum of knowledge. An introduction to fundamental music theory will also be an important function of this class in preparing the student for MUS 370.

Offered fall semester.

MUS 281. Music Teaching in Practice. (2)

Required for all music education majors and taken the Fall semester of the sophomore year.

Discussions of philosophical stance, educational issues, and understanding of the public school music classroom will be extended. On-going exposure and practice in planning, teaching, and assessing musical concepts and literacy, particularly through hands-on and discovery methods, will be prevalent. Management issues and outside influences will also be addressed for each of the music areas. This course will provide an introduction, continuation, and application of different music genres, with special emphasis on world music.

Field experience hours are required.

MUS 282. Secondary Music Methods and Materials. (1)

Required for all music education majors and taken the Spring of the sophomore year.

Continuing and expanding previously practiced teaching strategies, this class will concentrate on gaining knowledge and experience in educating the older student in general music, music appreciation and (to a lesser degree) performance group classes. Curriculum and utilization of classroom technology for instruction will be examined. Management and other issues effecting the success of these music classes will also be addressed.

Field experience hours are required.

MUS 370. Music for Early Childhood/ Elementary Teachers. (3)

Prerequisite: MUS 153

A hands-on class introducing methods and materials, and the role of music in the public school setting. Emphasis will be on improving very basic musical skills and developing a philosophical base about music in the classroom with practice in teaching, singing, playing, moving, creating, and listening.

Required of Early Childhood and Elementary Education majors.

Offered spring semester.

MUS 371. Vocal Pedagogy. (2)

Prerequisite: Sophomore class standing.

A study of the voice as a musical instrument and vocal teaching methods.

Offered spring semester. Field experience hours are required.

MUS 372. Woodwind Pedagogy. (2)

A study of woodwind teaching methods
Offered at departmental discretion.

MUS 373. Piano Pedagogy. (2)

A study of piano teaching methods.
Offered at departmental discretion.

MUS 374. Brass Pedagogy. (2)

A study of brass instrument teaching methods.
Offered at departmental discretion.

MUS 377. Choral Conducting. (2)

Prerequisite: A passing grade in MUS 174 or discretion of the instructor.

Interpretation of choral works from Renaissance polyphony through the 21st century, use of the baton, choral rehearsal techniques, development of the conducting gesture.
Offered fall semester.

MUS 378. Instrumental Conducting. (2)

Interpretation of instrumental works, use of the baton and gestures, and rehearsal techniques; practical experience with band; instrumental methods and observations; arranging for band.
Offered spring semester.

MUS 381. Elementary School Music Methods and Materials. (3)

This class concentrates on the total development of the younger child through teaching music. A more substantial understanding of music technique and methods, such as Kodaly, Orff, Dalcroze, and Gordon will be acquired. A great amount of time will be devoted to teaching practices using a variety of methods and strategies. The importance of promoting aesthetic experiences and a re-enforcement of philosophy and technique will be paramount. A continuation and expansion of planning, assessment, and management skills will be exercised and studies of curriculum and various approaches will be addressed.

Required for teacher certification for choral and instrumental music education majors, and taken the Fall semester of the Junior year. Field experience hours are required.

MUS 382. Music and Technology. (2)

A study of instructional design principles, multi-media tools, and their use in the PK-12 music education classroom. Students will use electronic keyboards, midi-equipped personal computers, and appropriate software to integrate and assess teaching and learning with technology in the PK-12 music education curriculum.

Required of all Music Education students before enrolling in the internship EDU 380. Other music majors and non-music majors may enroll with permission of the instructor.

Offered spring semester.

MUS 471. Instrumental Methods and Materials. (3)

Prerequisite: Junior class standing

Materials and methods of teaching public school instrumental music at all levels, including 12 hours of practicum in public school music classrooms.

Required for teacher certification for instrumental music education majors.

Offered at departmental discretion. Field experience hours are required.

MUS 472. Choral Methods and Materials. (3)

Prerequisites: Junior class standing and passing piano proficiency.

Materials and methods of teaching public school choral music at all levels, including 12 hours of practicum in public school music classrooms.

Required for teacher certification for choral music education majors.

Offered at departmental discretion. Field experience hours are required.

MUS 483 (493). Practice of Church Music. (3)

For Music Majors or by permission of the instructor.

A survey of the practical and theological aspects of church music. Includes techniques for planning, preparing and leading music in a wide variety of worship, starting with the Lutheran church and then expanding into many denominations and styles. Students will gain practical experience with handbells, Orff instruments, and keyboard instruments, as well as choral/instrumental groups and sacred literature.

Offered at departmental discretion.

Music (MUS—Jazz Studies)

MUS 311. History of Jazz. (3)

Prerequisite: MUS 151

A study of the history of jazz from ragtime to the present and the influence of jazz musicians on current trends in jazz.

Offered fall semester, alternate years.

MUS 312. Jazz Theory and Arranging. (3)

Prerequisite: MUS 173 and MUS 174

A study of music theory as it is used in jazz and how it relates to musical composition. There is an emphasis on arranging music for performance in jazz settings.

Offered spring semester, alternate years.

MUS 331. Improvisation I. (2)

Prerequisite: MUS 312

A study of the art and techniques of jazz improvisation at the beginning to intermediate level. The class will include practical application of these techniques in a lab band setting.

Offered fall semester, alternate years.

MUS 332. Improvisation II. (2)

Prerequisite: MUS 331

A study of the art and techniques of jazz improvisation at the intermediate to advanced level. The class will include practical application of these techniques in a lab band setting. Also included will be study of improvisational styles of specific jazz performers.

Offered spring semester, alternate years.

Music (MUS—Other Music)

MUS 491, 492. Independent Study. (1-3, 1-3)

Independent study in a selected field of music. The topic to be chosen will be in consultation with the Department of Music staff member under whose guidance the study will be conducted.

Subject to rules and regulations on page 56.

MUS 495. Internship. (1-3)

Internships or practical experience in an approved program of study.

Limited to majors in the department.

Subject to regulations and restrictions on page 57.

MUS 499. Senior Essay. (1-3)

A project requiring scholarly research.

Subject to rules and regulations on page 58.

Nursing

Department of Nursing

Betsy M. McDowell, Department Chair

Nursing Faculty:

Professor: Betsy M. McDowell

Assistant Professor: Lillian M. Bouknight, Karen Standish

The baccalaureate degree program in Nursing at Newberry College provides students with a broad two year foundation for nursing followed by two years of upper division nursing courses resulting in a Bachelor of Science degree with a major in nursing. The program is a partnership with Lexington Medical Center, so students have a variety of learning experiences with expert nurses both in the classroom and in the clinical setting. The Nursing program is approved by the State Board of Nursing, so graduates are eligible to take the licensing examination to become registered nurses. The process to obtain national accreditation for the program will occur during the 2010-2011 academic year.

Any Newberry College student may declare Prenursing as their initial program of study either upon admission to the College or after admission to the College. This declaration will mark their admission to the Prenursing (Lower Division) curriculum. Upon declaring their intent to the College, students must schedule an appointment with a nursing faculty advisor.

Lower Division Prenursing Course Requirements

In addition to completing courses included in the Newberry College Core, Prenursing students must complete each of the following eleven required courses with a minimum grade of “C” prior to entry into the upper division Nursing major:

- BIO 121 Biological Science **or** BIO 130 Human Biology
- BIO 212 Microbiology
- BIO 215 Human Anatomy and Physiology I
- BIO 216 Human Anatomy and Physiology II
- CHE 113 General Chemistry I **or** CHE 101 Concepts in Chemistry I
- CHE 114 General Chemistry II **or** CHE 102 Concepts in Chemistry II
- ENG 111 Freshman Composition and Introduction to Library Research
- ENG 112 Introduction to Literature and the Research Paper
- MAT 150 Pre-Calculus Mathematics **or** higher
- MAT 200 Applied Statistics
- SPE 110 Public Speaking

Application to the Upper Division Nursing Major

Admission to the College and successful completion of prerequisite course work does not guarantee admission to the upper division Nursing major. Admission to the Nursing major as a junior student is a separate process that occurs in the spring of the sophomore year and is based on the student’s ability to compete academically with other applicants. The number of students admitted to the Nursing major in any given year is limited to those who can be accommodated, given available resources and within the regulations set forth by the State Board of Nursing for South Carolina. A degree audit sheet for the Nursing major will be filed in the Office of the Registrar for each student at the point of admission to the Nursing major.

Prenursing students at Newberry College desiring admission to the upper division Nursing major must:

1. Have completed or be enrolled in a minimum of 67 credit hours of coursework applicable to the degree.
2. Have a minimum C grade in each of the 11 required Prenursing courses.
3. Have a minimum overall GPA of 2.5 at the time of application to the Nursing program and at the point that the student begins the Nursing program.
4. For Prenursing students transferring into Newberry College, the 67 hours must include a minimum of 30 hours taken at Newberry College which includes at least 6 of the required Prenursing courses.
5. In the event there are fewer qualified current Newberry College students than space availability, direct transfer students from other institutions will be considered for admission to the remaining seats in the Nursing major. Potential direct transfer students must contact the Department of Nursing by May 1 to be considered for the remaining seats. No direct transfer student will be admitted to the Nursing major until after all qualified Newberry College students are admitted.

All students admitted to the Nursing major must complete all "Professional Screening" requirements by the July 31 deadline, regardless of date of admission to the Nursing major.

Requirements for Progression in the Nursing major:

Once admitted to the Nursing major, students must:

1. Maintain a Newberry College cumulative GPA of 2.0 (not rounded) assessed each semester including summers.
2. Complete all required Nursing (NUR) courses in sequence with a grade of "C" or above.
3. Repeat no more than one (1) required Nursing (NUR) course in which a grade below "C" was earned for a maximum of one (1) time only.
4. Complete and return all required "Professional Screening" documentation covering the complete academic year by July 31 each year.
5. Successfully complete the appropriate Medication Calculation Test before the end of the Drop/Add period each semester (or by the last day of classes for the initial NUR semester.)
6. Successfully complete the formative outcome tests (i.e. designated standardized achievement tests) included with selected Nursing (NUR) courses.
7. Maintain enrollment at Newberry College during both semesters of the academic year.

Any student who exceeds the repeat policy (#3 above) will be reclassified as an "Undecided" major in the College until he/she selects a new major.

Any student who fails to meet the progression requirements listed above other than the repeat policy (#3) will be listed internally as "Out-of-Sequence" and can join an upcoming Nursing class on a space available basis once eligibility for progression is re-earned. Students already progressing in a particular class have priority for space in that class and must be registered before an out-of-sequence student is allowed a seat in the upcoming Nursing class. In the event there is insufficient space available in an upcoming class, the student who is out-of-sequence is obliged to make alternate academic decisions.

Program Outcomes:

Graduates of the baccalaureate degree nursing program at Newberry College are prepared to:

1. Provide culturally-competent care for patients, families, groups, and populations across the health-illness continuum and across the lifespan.
2. Utilize the Neuman Systems Model to provide holistic nursing care in a variety of settings within a complex and dynamic healthcare system.
3. Design, coordinate, and manage nursing care that integrates a liberal education with nursing theory and research, clinical expertise, and patient values to assist patients in reaching their optimum level of wellness.
4. Incorporate professional standards, critical thinking, patient advocacy, compassion, and leadership into their nursing practice.
5. Engage in on-going professional development, life-long learning, and service in society.

Requirements for Graduation

1. Complete all current Core, CACP, FAL, VBL, and GPA requirements as stated in the *Newberry College Catalog*.
2. Complete all required Prenursing and Nursing (NUR) courses with a minimum grade of “C” in each course.
3. Complete all required Nursing (NUR) courses within three (3) years prior to graduation.
4. Repeat no more than one (1) required Nursing (NUR) course in which a grade below “C” was earned for a maximum of one (1) time only.
5. Complete a comprehensive standardized nursing content examination at a level predictive of NCLEX-RN success as part of NUR 420.

Course Descriptions

Nursing (NUR)

The BS degree in Nursing at Newberry College consists of 16 required NUR courses (4 courses each semester for 4 semesters), many of which include laboratory and/or clinical experiences, standardized testing and remediation through the Comprehensive Assessment and Review Program (CARP) of Assessment Technologies, Inc., i.e. the ATI tests, the Virtual-ATI program, and required exit exams used in NCLEX-RN preparation and in program evaluation. Nursing students will be charged the following course fees to cover the costs of these experiences, tests, and resources.

- \$60/course for non-laboratory/non-clinical courses - NUR 301, NUR 303, NUR 320, NUR 322, NUR 401, NUR 420
- \$95/course for laboratory/clinical courses - NUR 311, NUR 313, NUR 330, NUR 332, NUR 411, NUR 413, NUR 415, NUR 430, NUR 432, NUR 434

NUR 301: History & Trends in Professional Nursing. (2 credits; 2-0-0)

Prerequisite: Admission to the Nursing Major.

An introduction to professional nursing, including an overview of the historical and sociocultural bases of nursing, wellness, and healthcare in modern society. The concepts of the Neuman Systems Model and the roles of the nursing generalist are emphasized. (*CACP Level 3*)

Offered fall semester.

NUR 303: Pathophysiological Bases of Nursing Practice. (3 credits; 3-0-0)

Prerequisite: Admission to the Nursing Major.

A study of the pathophysiology of selected disease processes, building on the student’s knowledge of human anatomy and physiology, microbiology, and chemistry. Addresses pathophysiological changes at the cellular, organ, system, and multi-system levels. Incorporates nursing interventions specific to the disease processes studied. Includes clinical findings and implications for health across the health-illness continuum and the lifespan.

Offered fall semester.

NUR 311: Health Assessment for Nursing Practice. (3 credits; 2-3-0)

Prerequisite: Admission to the Nursing Major.

Nursing theory and practice in holistic assessment of individuals across the lifespan, building on the student’s knowledge of biology, human anatomy and physiology, behavioral science, religion, and communications. Emphasizes assessment of “normal” findings in healthy individuals as a basis for future assessment of “abnormal” findings. Two classroom and three campus laboratory hours per week.

Offered fall semester.

NUR 313: Fundamentals of Generalist Nursing Practice. (4 credits; 2-0-6)

Prerequisite: Admission to the Nursing Major.

Nursing theory and practice in basic nursing care, communication, and interventions with individuals across the lifespan. Emphasizes basic nursing skills to meet comfort and treatment needs, physiological monitoring, medication administration, and perioperative care, including implementation, adherence to national patient safety goals, and documentation of care. Two classroom, six campus/clinical laboratory hours per week.

Offered fall semester.

NUR 320: Nursing Research and Evidence-Based Practice. (3 credits; 3-0-0)

Prerequisites: "C" or higher in NUR 301, NUR 303, NUR 311, and NUR 313.

An introduction to nursing research and evidence-based nursing practice, building on the student's knowledge of the scientific process, mathematical and statistical concepts, and nursing care. Emphasizes the generalist nursing roles of identifier of practice problems for study, data collector, and knowledgeable consumer of nursing research. (CACP Level 3)

Offered spring semester.

NUR 322: Pharmacological & Nutritional Bases of Nursing Practice. (3 credits; 3-0-0)

Prerequisites: "C" or higher in NUR 301, NUR 303, NUR 311, and NUR 313.

A study of pharmacological interventions and nutritional considerations in nursing practice, building on the student's knowledge of human anatomy and physiology, microbiology, chemistry, and pathophysiology. Emphasizes pharmacodynamics, developmental and cultural considerations, and major categories of medications and normal nutrition. Includes clinical findings and implications for health promotion and risk reduction across the lifespan.

Offered spring semester.

NUR 330: Adult Health Nursing Practice I. (5 credits; 3-0-6)

Prerequisites: "C" or higher in NUR 301, NUR 303, NUR 311, and NUR 313.

Nursing theory and practice in holistic care of individuals requiring secondary and tertiary nursing interventions. Focuses on young, middle, and older adults who are experiencing or are recovering from selected medical and/or surgical stressors. Three classroom and six clinical laboratory hours per week.

Offered spring semester.

NUR 332: Mental Health Nursing Practice. (4 credits; 3-0-3)

Prerequisites: "C" or higher in NUR 301, NUR 303, NUR 311, and NUR 313.

Nursing theory and practice in holistic care of individuals requiring primary, secondary, or tertiary nursing interventions related to psychological and sociocultural stressors. Focuses on adolescents and adults who are confronting selected mental health stressors. Three classroom and three clinical laboratory hours per week.

Offered spring semester.

NUR 401: Selected Topics in Nursing Practice. (2 credits; 2-0-0)

Prerequisites: "C" or higher in NUR 320, NUR 322, NUR 330, and NUR 332.

An opportunity for in-depth study of a special area of interest in nursing practice or health promotion/risk reduction. Students will select from specific elective offerings within the Department of Nursing. Clinical laboratory experiences related to these topics may be included in NUR 434. (CACP Level 3)

Offered fall semester.

[Examples of possible offerings include "Forensic Nursing", "Health Literacy", "Nursing Informatics", "Parish Nursing", "Disaster Nursing", "Alternative and Complementary Health", "Palliative and End-of-Life Care", "Telehealth", "Transcultural Nursing", and "Perioperative Nursing".]

NUR 411: Adult Health Nursing Practice II. (5 credits; 3-0-6)

Prerequisites: "C" or higher in NUR 320, NUR 322, NUR 330, and NUR 332.

A continuation of nursing theory and practice in holistic care of individuals requiring secondary and tertiary nursing interventions. Focuses on young, middle, and older adults who are experiencing or are recovering from selected medical and surgical stressors. Three classroom and six clinical laboratory hours per week.

Offered fall semester.

NUR 413: Nursing the Childbearing Family. (4 credits; 3-0-3)

Prerequisites: "C" or higher in NUR 320, NUR 322, NUR 330, and NUR 332.

Nursing theory and practice in holistic care of childbearing families requiring primary, secondary, and tertiary nursing interventions. Focuses on mothers, newborns, and expanding families across the reproductive lifespan. Three classroom and three clinical laboratory hours per week.

Offered fall semester.

NUR 415: Nursing of Children & Families. (4 credits; 3-0-3)

Prerequisites: "C" or higher in NUR 320, NUR 322, NUR 330, and NUR 332.

Nursing theory and practice in holistic care of children and families requiring primary, secondary, or tertiary nursing interventions. Focuses on infants, children, adolescents, and their families experiencing physiological and/or developmental stressors. Three classroom and three clinical laboratory hours per week.

Offered fall semester.

NUR 420: Professional Development as a Nursing Generalist. (2 credits; 4-0-0)

Prerequisites: "C" or higher in NUR 401, NUR 411, NUR 413, and NUR 415.

A seminar course examining career pathways for the nursing generalist plus lifelong learning and service in society. Includes preparation for licensing and entry-level employment as a professional nurse. Graded on a pass/fail basis. Four hours classroom/seminar per week.

Offered spring semester.

NUR 430: Critical Care Nursing Practice . (3 credits; 2-0-3)

Prerequisites: "C" or higher in NUR 401, NUR 411, NUR 413, and NUR 415.

Nursing theory and practice in holistic care of critically ill patients and their families requiring secondary and/or tertiary nursing interventions. Focuses on life-threatening stressors encountered by individuals and their families. Two classroom and three clinical laboratory hours per week.

Offered spring semester.

NUR 432: Nursing Practice with Diverse Populations & Settings. (4 credits; 3-0-3)

Prerequisites: "C" or higher in NUR 401, NUR 411, NUR 413, and NUR 415.

Nursing theory and practice in holistic care of groups and populations requiring primary, secondary, or tertiary nursing interventions. Focuses on care delivery in diverse settings in the community, including homes, clinics, schools, and/or industry. Three classroom and three clinical laboratory hours per week.

Offered spring semester.

NUR 434: Leadership, Management, & Change in Nursing Practice. (4 credits; 2-0-6)

Prerequisites: "C" or higher in NUR 401, NUR 411, NUR 413, and NUR 415.

Nursing theory and practice in leading and managing groups as a professional nurse. Focuses on effecting necessary change in a dynamic healthcare environment. May include opportunity for clinical laboratory experiences in the area of special interest addressed in NUR 401. Three classroom and six clinical laboratory hours per week.

Offered spring semester.

(Note: Contact hours for classroom, campus laboratory, and clinical laboratory components are listed in parentheses following the course title, so for a 4-credit course, 2-3-3 equals 2 hrs/week of classroom, 3 hrs/week of campus laboratory, and 3 hrs/week of clinical laboratory experience.)

Organizational Management (OMP)

Department of Business Administration
Joe Franklin, Department Chair
Jessie Long, Director of Adult Education
Charlene Weatherford, Academic Advisor

fastFORWARD Faculty:

Matthew Finley, Christian Hipp, David Jones, Sandra McKnight, Laura Ringer, Paul Smith,
Charlene Weatherford

See page 55 for ***fastFORWARD*** Program requirements.

Course Descriptions

OMP 311. The Adult Journey. (3)

Introduces students to adult learning, for their own use and to enable students to understand and promote professional adult learning and training in the work place.

Offered only to adults in fastFORWARD Program.

OMP 312. Group and Team Dynamics. (3)

Covers group and team behavior and how group dynamics affect organizational effectiveness; emphasis is placed on decision making, group conflict resolution, and developing strategies for promoting productive team management.

Offered only to adults in fastFORWARD Program.

OMP 313. Organizational Behavior. (3)

Examines the formal and informal aspects of organizations; emphasis is placed on how to analyze real-world organizations.

Offered only to adults in fastFORWARD Program.

OMP 314. Business Communications. (3)

Explores communication in many forms as part of a productive work environment.

Offered only to adults in fastFORWARD Program.

OMP 315. Management Principles. (3)

Examines the key management principles of planning, organizing, leading, and controlling. The course incorporates the elements of delivering strategic value, building a dynamic organization, mobilizing people, and learning and changing.

Offered only to adults in fastFORWARD Program.

OMP 321. Accounting for Managers. (3)

Develops accounting-related skills and integrates accounting knowledge into broader management issues. Previous introductory coursework in accounting or some familiarity with accounting through relevant experience would be helpful but not mandatory.

Offered only to adults in fastFORWARD Program.

OMP 322. Finance for Managers. (3)

Builds on OMP 321 and provides students with a foundation in financial tools; emphasis on planning, analysis, cash flow management, budgeting, and cost controls.

Offered only to adults in fastFORWARD Program.

OMP 323. Marketing for Managers. (3)

Through readings, discussions, writing assignments, and a team project, students are exposed to basic marketing; opportunities are given to address real world situations.

Offered only to adults in fastFORWARD Program.

OMP 324. Human Capital Management. (3)

Building on previous OMP courses, students explore best practices in recruiting, training, and employee compensation strategies.

Offered only to adults fastFORWARD Program.

OMP 325. Business Ethics and Individual Values. (3)

Students develop a base of understanding for business ethics, accountability in government, respect for human rights, and responsible living.

Offered only to adults in fastFORWARD Program.

OMP 431. Domestic Business Issues. (3)

Students analyze major contemporary social problems as related to the workplace.

Offered only to adults in fastFORWARD Program.

OMP 432. Global Business. (3)

Explores the complex global dynamics of today's marketplace; includes coverage of cross-cultural issues.

Offered only to adults in fastFORWARD Program.

OMP 433. Strategic Management. (3)

Building on previous OMP courses, this course introduces various management planning techniques and applies these to actual business cases.

Offered only to adults in fastFORWARD Program.

OMP 490. Research Methods and Statistics. (4)

Provides an overview of the research process and research methods for management and business; students complete a practical independent research project to fulfill degree requirements.

Offered only to adults in fastFORWARD Program.

OMP 499. Business Application Project. (5)

Students combine professional experience, research, and self-directed goals into an individualized project, which is presented in written and oral form to the instructor and class.

Offered only to adults in fastFORWARD Program.

Physical Education (PHE)

Department of Physical Education

Peggy Barnes-Winder, Department Chair

Physical Education Faculty:

Professor: Peggy Barnes-Winder

Assistant Professors: Carla Cruickshanks, Rebekah Dixon, Gretchen Haskett, Cody McMurtry

Service Program

The mission of the Department of Physical Education at Newberry College is to give students the opportunity to become competent leaders in Physical Education and its related areas. Majors are expected to demonstrate ethical and professional behavior and become independent thinkers and lifelong learners. Students are encouraged to be an active part of the Major's Club, attend professional meetings, conduct and present student research, and actively participate in campus life.

While many graduates from the Physical Education program enter the teaching and coaching profession, others enter graduate school or professional schools to pursue careers such as physical therapy, or find employment in recreational settings or sports related businesses.

The Physical Education program seeks to fulfill the College's mission by challenging and nurturing students' physical well-being and enhancing healthy lifestyles. The physical educators, make every effort possible to help in the development of students' cognitive, affective, and psychomotor domains of learning.

Major Requirements

Students majoring in Physical Education may choose one of three concentrations from within the physical education major: Leisure Services, Sport Management, or Teacher Certification.

Some of the courses required for the different major concentrations may have prerequisites that require additional course work; some of the prerequisites may be used to fulfill Core Curriculum requirements. All physical education majors must satisfy the Physical Education requirements, Area G, in the Core Curriculum.

Physical Education Major with Leisure Services Concentration (63 hours)

The Physical Education/Leisure Services concentration requires a total of 63 hours:

- 53 hours: PHE 115, 117, 181, 201, 203, 207, 211, 229, 242, 244, 300, 302, 325, 431, 451, and 495;
- 3 hours: COM 121 or ENG 242;
- 4 hours: BIO 101, 121, or 130 (Students are encouraged to take BIO 101, BIO 121, or BIO 130 for the Core Requirement in Laboratory Science.);
- 3 hours: SOC101.

Strongly Recommended Course: SOC 308 (3 hours)

Physical Education Major with Sport Management Concentration (63 hours)

The Physical Education/Sport Management concentration requires a total of 63 hours:

- 36 hours: PHE 181, 229, 242, 300, 325, 333, 382, 431, 442, 451, 495;
- 3 hours: ACC 210;
- 6 hours: BUA 220, 260;
- 3 hours: BUA 210 or 361 or 462;
- 6 hours: ECO 210, 220;
- 6 hours: COM 110 and three hours of Communications electives;
- 3 hours: MAT 200 or SSC 230.

Recommended Elective: PHE 395.

ECO 210 may meet Core Curriculum requirements, History and Social Sciences, Area-E.

MAT 200 may meet Core Curriculum requirements, Natural Sciences and Mathematics, Area-D.

Physical Education Major with Teacher Certification Concentration (43 hours) and Education Hours

The Physical Education/Teacher Certification concentration is designed to prepare students for teaching careers in physical education. The requirements lead to South Carolina Teacher Certification for grades PK-12 in physical education.

The 43-hour concentration requires:

- 39 hours: PHE 115, 117, 201, 203, 207, 210, 244, 255, 302, 325, 424, 430, 440;
- 4 hours: BIO 215 or 216.

Candidates should take EDU 224 and 230 during their freshman year. EDU 232 224 and EDU 230 should be taken during the sophomore year. in different semesters upon successful completion of the 100 level class. These classes are prerequisites for all other education courses. Schedules for transfer students will be considered on an individual basis. All candidates must pass or exempt Praxis I reading, writing, and mathematics tests and apply for and be admitted into the Teacher Education Program in order to take 300- and 400-level education courses.

(Students are encouraged to take BIO 101 or BIO 121 for the Core Requirement in Laboratory Science, Area D-1, and must earn a grade of “C” or better in order to meet the prerequisite for BIO 215 or 216.)

Additional required Education courses include: EDU 232, EDU 300, EDU 341 or EDU 342, EDU 382, EDU 455, EDU 480, & EDU 483. All candidates will complete a minimum of 108 hours of field experience in a public school prior to student teaching.

Minor Requirements

Students electing a minor from the Department may choose Coaching or Sport Management.

Coaching Minor—Non-Physical Education Major (21 hours)

The Coaching minor is designed for students who wish to coach and are actively pursuing teacher certification.

The 21-hour Coaching minor requires:

- 17 hours: PHE 229, 232, 234, 424, 430, 496, and
- 4 hours: BIO215 or 216.

(Students are encouraged to take BIO 101 or BIO 121 for the Core Requirement in Laboratory Science, Area C-1, and must earn a grade of “C” or better in order to meet the prerequisite for BIO 215 or 216.)

Sport Management Minor—Non-Physical Education Major (15 hours)

Students not majoring in Physical Education are required to take 15 hours:

- 12 hours: PHE 300, 325, 333, and 431;
- 3 hours: one 3-hour course from Business **or** Communications.

Coaching Minor—Physical Education Major (13 hours)

The Coaching minor for the physical education major requires 13 hours:

- 10 hours: PHE 229, 232, 234, and 496;
- 3 hours: PHE 201 or 203.

Sport Management Minor—Physical Education Major (15 hours)

Students majoring in Physical Education are required to take 15 hours:

- 9 hours: PHE 300, 333, and 431;
- 3 hours: one 3-hour course from the Department of Business;
- 3 hours: one 3-hour course in Communications.

Core Curriculum

Students must satisfy the Core Curriculum, Area G, by successfully completing two different one-hour Physical Education activity courses, or MUE 101 and one PHE activity course, or a Military Science course.

Varsity athletes are **not** exempt from this requirement.

Physical Education courses which satisfy Area G of the Core Curriculum are as follows: PHE 099, PHE 100, 102, 103, 104, 107, 108, 109, 110, 111, 112, and 113.

PHE 114 satisfies Area G of the Core Curriculum if students who, for health reasons/special needs or limitations, are unable to participate in the regular health and physical education program. Proper documentation for accommodations must be on file with the Director of Advising and Disability Services.

Fees: An activity fee of \$20 will be assessed for PHE 099, 100, 102, 104, 107, 108, 109, 110, 111, 112, 113, and 114. A fee of \$30 is assessed for PHE 103.

Course Descriptions

PHE 099. Body Sculpting. (1)

Body Sculpting is designed to introduce the student to a new fitness level through aerobic weight training. This safe and effective way to improve muscle tone and strength will increase flexibility and improve the student’s balance and posture. The student will learn a variety of fitness methods using free weights and stability balls.

Partially satisfies Core Curriculum, Area G.

An activity fee of \$20 is charged.

PHE 100. Racquetball. (1)

This course is designed to produce a higher level of physical fitness through participation. Emphasis will be placed on instruction in and development of fundamental skills such as basic strokes, basic shots, serves, court positioning, rules, safety, and variations of the game. Students may be asked to provide racquets and eye wear.

Partially satisfies Core Curriculum, Area G. An activity fee of \$20 is charged.

Offered every semester.

PHE 101. Varsity Athletics. (1)

Prerequisite: Permission of Instructor

Participation in the development of high level skill strategies and techniques utilized in a selected varsity sport that is nationally sanctioned for intercollegiate competition and an approved sport in the athletic program of Newberry College. Conditioning, theory, and skill development. Team or individual competition with regular practice and/or intercollegiate competitions.

Partially satisfies Core Curriculum, Area G.

PHE 102. Volleyball. (1)

This course is designed to produce a higher level of physical fitness through participation. Emphasis will be placed on instruction in and development of fundamental techniques and basic skills of volleyball. Basic offensive and defensive strategy will be stressed along with rules terminology and court positioning.

Partially satisfies Core Curriculum, Area G. An activity fee of \$20 is charged.

Offered every semester.

PHE 103. Frisbee and/or Golf. (1)

Emphasis will be placed on the fundamental skills of golf for beginners, focusing on skills, proficiency, and playing courtesies. Students may be asked to provide their own clubs and golf balls.

Partially satisfies Core Curriculum, Area G. A fee of \$30 is charged for periodic use of the Country Club and greens fees.

Offered spring semester.

PHE 104. Slimnastics/Aerobics. (1)

This course is designed to produce a higher level of physical fitness through participation. Emphasis will be placed on instruction in and development of one's physical being through cardiovascular exercise, class assignments, and class activities related to overall improvement in health and well-being.

Partially satisfies Core Curriculum, Area G. An activity fee of \$20 is charged.

Offered fall semester.

PHE 107. Walking/Jogging. (1)

This course is designed to meet the needs of the walker/jogger. The class is for students concerned about their personal fitness levels.

Partially satisfies Core Curriculum, Area G. An activity fee of \$20 is charged.

Offered every semester.

PHE 108. Basketball. (1)

This course is designed to produce a higher level of physical fitness through participation. Emphasis will be placed on instruction in and development of fundamental techniques and skills of basketball. Basic offensive and defensive play will be stressed. Additionally, the student will be taught the essential rules and terminology of basketball.

Partially satisfies Core Curriculum, Area G. Offered every semester. An activity fee of \$20 is charged.

PHE 109. Weightlifting. (1)

A course in learning proper lifting and spotting techniques along with safety skills. A workout class using various equipment and other resistance training tools to help develop a strong, healthy body. Students will be using free and machine weights in their individualized workout program.

Partially satisfies Core Curriculum, Area G. An activity fee of \$20 is charged.

Offered every semester.

PHE 110. Concepts of Life Maintenance. (1)

This course is designed to teach students why exercise is important, how to exercise properly, and what each person's individual exercise and fitness needs are. Emphasis is placed on basic knowledge and understanding the value of physical activity, diet and nutrition, stress management, and the total concept of wellness.

Laboratory and lecture activities are included.

Partially satisfies Core Curriculum, Area G. An activity fee of \$20 is charged.

Offered every semester.

PHE 111. Soccer. (1)

This course is designed to produce a higher level of physical fitness through participation. Emphasis will be placed on instruction in and development of physical and cardiovascular exercises in relation to soccer, class activities related to improved and developed soccer skills, and rules and strategy of the game.

Partially satisfies Core Curriculum, Area G. An activity fee of \$20 is charged.

Offered every semester.

PHE 112. Officiating. (1)

Emphasis will be placed on the rules, techniques, and mechanics in sports officiating; football, softball, baseball, basketball, volleyball, and soccer.

Partially satisfies Core Curriculum, Area G.

Offered every semester. An activity fee of \$20 is charged.

PHE 113. Tennis. (1)

This course is designed to produce a higher level of physical fitness through participation. Emphasis will be placed on instruction in and development of basic skills, rules, techniques, and strategy in playing tennis.

Partially satisfies Core Curriculum, Area G. An activity fee of \$20 is charged.

Offered spring semester.

PHE 114. Modified Seasonal Activities. (1)

The course is designed to meet the needs of students who, for health reasons/special needs or limitations, are unable to participate in the regular health and physical education program.

(Documentation required to receive accommodations.)

Partially satisfies Core Curriculum, Area G. An activity fee of \$20 is charged.

Offered every semester.

PHE 115. Foundations of Physical Education. (3)

A study of the history and philosophy of physical education with an overview of how the principles of motor learning and social and behavioral sciences are applied to physical education. Emphasis is placed on helping the student to become a professional physical educator.

Physical Education majors must earn a grade of "C" or better to meet degree requirements.

Offered fall semester.

PHE 117. First Aid and Cardiopulmonary Resuscitation. (CPR). (2)

Provides students with the knowledge of the basic principles and skills of first aid, rescue breathing, injury prevention, and personal safety.

This course provides the opportunity for students to earn standard American Red Cross Adult First Aid and Adult CPR certification. Required for teacher certification in physical education.

Offered every semester.

PHE 181. Introduction to Sport Management. (3)

Limited to Physical Education majors with Sport Management concentration.

The course introduces the student to the principles and practices of sport management. The course will emphasize learning by participation and prepare students for a major in sport management.

Offered fall semester.

PHE 201. Skills and Techniques of Individual Sports. (3)

The course is designed to provide students with the knowledge of rules, history, and strategies in the sports of golf, tennis, weight training, and racquetball. Students will also learn the proper performance techniques of and develop their performance in these individual sports.

Offered fall semester.

PHE 203. Skills and Techniques of Team Sports. (3)

The course is designed to provide students with the knowledge of rules, history, and strategies in basketball, soccer, volleyball, softball, and track and field. The students will learn the proper techniques and develop their performance skills in basketball, soccer, volleyball, softball, and track and field.

Offered spring semester.

PHE 207. Rhythms, Dance, Games and Tumbling for Young Children. (3)

This course is designed to acquaint students with fundamental rhythmic and dance activities which are appropriate for inclusion in an elementary school physical education program. The course also acquaints students with games of low organization and lead up games.

Offered spring semester, odd-numbered years.

PHE 210. Personal and Community Health. (3)

A study of health related dynamics of human adaptation throughout the life cycle. An overview of physical, psychological, and social dimensions of health as they combine to influence the whole human being.

Offered every semester.

PHE 211. Community and Church Recreation. (3)

Designed to explore the nature and significance of community and church recreation and leisure service programs. Exploration of various types of agencies which deal with recreation and leisure services in a community or church setting.

Offered spring semester, odd-numbered years.

PHE 229. Sports Psychology. (3)

The study of the major psychological dimensions underlying behavior in sports. The course will deal with understanding, coaching, and coping with today's athlete.

Not recommended for Freshmen.

Offered fall semester.

PHE 232. Theory of Coaching I. (3)

Prerequisite: PHE 203 or permission of instructor

Designed to introduce undergraduate students to the profession of coaching. Emphasis will be placed on the nature of the profession, qualifications needed in coaching, individual and team strategy, player-coach relationships, and development of skills. Theory and psychology of coaching will also be explored.

Offered fall semester.

PHE 234. Theory of Coaching II. (3)

Prerequisite: PHE 203 or permission of instructor and PHE 232.

Designed to look at the current trends and issues within the coaching profession. Emphasis will be placed on building professional relationships, qualities of a good coach, planning practices, the importance of proper nutrition, compliance issues, and educational programming that is successful in the realm of conditioning for athletes. The course will also explore information regarding the use and abuse of alcohol, tobacco and drugs within the athletic environment.

Offered spring semester.

PHE 242. Research and Information Technology in Sport and Physical Education (3)

Designed for students to learn and understand research and information technology in sport and physical education. Students will participate in the use of information technology. An introduction to basic research techniques will be demonstrated.

Offered every semester.

PHE 244. Concepts of Outdoor Education. (3)

The course develops an awareness in students of availability of resources in the outdoor learning environment. Students will participate and share in the teaching experiences, most of which will be practical, rather than entirely conceptual. The course develops outdoor skills while fostering an appreciation of nature. *Students are required to pay expenses incurred during the mandatory class camping field trip.*

Offered spring semester, even-numbered years.

PHE 255. Motor Development and Movement Education. (3)

A study of motor development as a foundation for the movement education approach to teaching fundamental movement skills to young children.

Required of Early Childhood and Elementary Education majors and all physical education teaching majors.

Offered spring semester.

PHE 300. Facility Management. (3)

The course acquaints the student with the operation and management of athletic and recreational facilities. The course will emphasize marketing, administration and physical plant management as they apply to different regions of the country.

Offered spring semester.

PHE 302. Adaptive Physical Education. (3)

Prerequisites: PHE 255 or permission of instructor.

Basic concepts of organizing and conducting programs to meet the needs of handicapped children unable to participate in regular physical education. Students will also gain a better understanding of various handicapping conditions.

Practicum experiences at local sites are required.

Offered spring semester.

PHE 325. Organization and Administration. (3)

Prerequisite: PHE 181

A study of administrative structure, program philosophy, procedures involved in program organization, and development, legal issues, and other duties of personnel involved in the administration of physical education, athletics, intramural, or leisure services programs.

Offered fall semester.

PHE 333. Sport Marketing and Legal Issues. (3)

Prerequisite: PHE 181

A study of sports marketing in our modern society with an emphasis on legal issues pertaining to sport. The course will examine sales, promotions, and corporate sponsorship including the surrounding ramifications, as well as the legal issues prevalent in today's sports world: Gender Equity, NCAA Proposition 42 and 48, NCAA compliance, Negligence, Due Process, and Liability.

Offered spring semester.

PHE 382. Sport in Society. (3)

This course is designed to acquaint students with the principles and applications of social issues within the sport industry. Topics such as gender, disability, race, ethnicity, aggression, politics, religion, and class and social mobility will be studied. .

Offered spring semester, even-numbered years.

PHE 395. Field Experiences in Sport Management. (3)

The field experience benefits the students by allowing them to apply college training in an every day situation while continuing to earn college credit. Students will have the opportunity to choose from a variety of settings related to sports management. (100 hours required)

PHE 424. Kinesiology/Biomechanics. (3)

Prerequisite: BIO 215 or BIO 216.

A study of the fundamentals of human motion and mechanical principles and their application to daily activity and sport. Practicum experience included.

Offered fall semester.

PHE 430. Physiology of Exercise. (4)

Prerequisite: BIO 215 or BIO 216.

Provides a basic understanding of physiology and its application to muscular activity, conditioning, exercise, and health-related fitness. Also, direct implications for physical education and athletics will be discussed.

Laboratory experience included.

Offered spring semester.

PHE 431. Program Planning and Opportunities in Leisure Services and Sport Management. (3)

Prerequisites: PHE 181 and 325

To provide students with information about opportunities and the basic principles and planning guides necessary for planning quality leisure service and sports management programs.

Offered fall semester.

PHE 440. Curriculum and Evaluation. (3)

Prerequisite: PHE 325

A course designed to help prospective physical education teachers to acquire the skills necessary to design, implement, and evaluate instructional programs in physical education. Evaluation of student performance is also addressed. Twenty-four hours of practicum field experience is required for this class.

Offered fall semester.

PHE 442. Research in Sport Management. (3)

Prerequisite: PHE 242

Limited to majors in Sport Management. Permission of instructor required.

The study of various research within sports management including: understanding, reading, conducting and publishing.

Offered spring semester.

PHE 451. Event Management. (3)

Prerequisite: Permission of instructor required.

Limited to Physical Education majors with Sport Management concentration.

This course is designed to give **advanced** students the opportunity to plan and prepare a major event such as a conference. The students will have hands-on opportunities to plan, organize, direct personnel, fundraise, market, and carry out a regional sport management conference.

Offered fall semester.

PHE 491, 492. Independent Study. (1-3, 1-3)

Open to Physical Education majors or students minoring in coaching and or sport management, approved by the Department Chair.

Research project and/or field experience in physical education. Must be approved by the Department Chair.

Subject to rules and regulations on page 56.

PHE 495. Internship. (6)

The internship experience benefits the students by allowing them to apply college training in an everyday job situation while continuing to earn college credit. Students will have the opportunity to choose from a variety of internship settings related to sport management or leisure services.

The internship experience is open only to those students who are enrolled in either the leisure services or sports management track, have a minimum 2.0 cumulative GPA, and have received permission of the Department Chair to participate in the internship. (270 hours required)

Limited to majors in the department.

Subject to regulations and restrictions on page 57.

PHE 496. Coaching Internship. (1)

This course is designed to give the student the opportunity to gain “on hands” experience in an athletic coaching setting. The student will assist in an after-school athletic setting for a designated period of time. (50 hours required)

Limited to majors in the department; and students minoring in Coaching.

Subject to regulations and restrictions on page 57.

PHE 499. Senior Essay. (1-3)

Students will do an in-depth paper on a topic approved by the Department Chair.

Subject to rules and regulations on page 58.

Philosophy (PHI)

Department of Religion, Philosophy, and Church Leadership

Mike R. Beggs, Department Chair

See pages 180-184 for major and minor requirements in Religion and Philosophy.

Course Descriptions

PHI 101. Philosophy and Life Today. (3)

A survey of traditional philosophical issues applied to concerns in today’s world.

Offered at departmental discretion. .

May be used to satisfy the Core Curriculum requirements in Humanities and Fine Arts, Area C-2.

PHI 110. Introduction to Modern Logic. (3)

A study of the formal validity of deductive inference and the bases of inductive reasoning.

Philosophy 110 satisfies Core Curriculum requirements for Mathematics and Natural Sciences, Area D-3;

Philosophy 110 does NOT satisfy Core Curriculum requirements for Humanities/Fine Arts, Area C-2.

Offered at departmental discretion.

PHI 120. Introduction to Ethics. (3)

A study of major ethical theories and their application to specific moral issues.

Satisfies Core Curriculum Requirement F-3.

Offered every semester.

PHI 201. Ancient and Medieval Philosophy (to 1600). (3)

An historical survey with emphasis upon the thought of Plato, Aristotle, Augustine, and Aquinas.

May be used to satisfy the Core Curriculum requirements in Humanities and Fine Arts, Area C-2.

Offered fall semester, alternate years.

PHI 202. Modern Philosophy (1600 to 1850). (3)

An historical survey with emphasis upon Continental Rationalists, British Empiricists, and Immanuel Kant.

May be used to satisfy the Core Curriculum requirements in Humanities and Fine Arts, Area C-2.

Offered spring semester, alternate years.

PHI 212. Philosophy of Human Nature. (3)

An exploration of selected philosophical issues, including the mind/body problem, free will versus determinism, personal identity, and human dignity.

May be used to satisfy the Core Curriculum requirements in Humanities and Fine Arts, Area C-2.

Offered at departmental discretion.

PHI 220. Social Philosophy and Ethics. (3)

A study of classical and contemporary texts on the relation between morality, justice, and the law.

Satisfies Core Curriculum Requirement F-3.

Offered at departmental discretion.

PHI 230. Ethics of Health Care (3).

This course introduces students to contemporary ethical discussion regarding health care issues. Topics may include: medical professionalism, the nature of the patient-provider relationship, beginning & end of life issues, the just distribution of medical resources, and caring for public health communities.

PHI 304. Contemporary Philosophy (since 1850). (3)

An examination of recent trends in Western thought, including philosophical analysis and existentialism.

May be used to satisfy the Core Curriculum requirements in Humanities and Fine Arts, Area C-2.

Offered at departmental discretion.

PHI 311. Philosophy of Religion. (3)

Philosophical analysis of the central problems of religious belief.

May be used to satisfy the Core Curriculum requirements in Humanities and Fine Arts, Area C-2.

Offered alternate years.

PHI 312. Philosophical Ethics. (3)

A study of major moral philosophers, ethical theories, and the structure of moral reasoning.

Satisfies Core Curriculum Requirement F-3.

Offered at departmental discretion.

PHI 482. Seminar on Problems in Philosophy. (1-3)

An intensive study of a selected philosophical issue or an individual philosopher.

Offered at departmental discretion.

PHI 491. Independent Study. (1-3)

Open only to juniors and seniors of demonstrated ability majoring or minoring in Religion and Philosophy.

Subject to rules and regulations on page 56.

PHI 499. Senior Essay. (3)

A project requiring scholarly research and culminating in the public presentation of a formal paper.

Subject to rules and regulations on page 58.

Offered spring semester.

Physics (PHY)

Department of Mathematics, Physics, and Computer Science

Randy Key, Department Chair

Physics Faculty:

Professor: Otis Walker

The Physics Program offers a minor. In addition to courses designed for science majors the program offers PHY 101, 102, 201 and SCI 110 to acquaint liberal arts students with some of the fundamental concepts of physics.

The Physics curriculum provides a thorough grounding in the principles of Physics and promotes the ability to reason analytically. The laboratory work provides students with the opportunity to discover or confirm physical laws through experimentation and observation. The Physics Program provides a large well equipped laboratory and maintains the Williamson Observatory for solar and stellar observation and photography.

Physics Minor Requirements (17 hours)

The Physics minor requires 17 hours of Physics as follows:

- 11 hours: Physics 213, 214, 451;
- 6 hours: two courses from the following: Physics 351, 352, and Mathematics 342.

Mathematics 211 and 212 are prerequisites for the Physics courses. Mathematics 300 and 341 are prerequisites for Mathematics 342.

Core Curriculum

All four-hour physics courses meet the Core Curriculum requirements in Natural Sciences, Area D-1. All physics courses meet the Core Curriculum requirements in Natural Sciences and Mathematics, Area D-3.

Laboratory Fee

A \$95 fee is charged each semester for each laboratory course. Lab courses receive four semester hours of credit.

Course Descriptions

PHY 101, 102. Fundamentals of Physics. (4, 4)

An introduction to the ideas and techniques of physics emphasizing the meanings of physical laws and their applications in solving problems. The mathematical treatment is at the level of simple algebra. Topics in 101 include Newton's laws, energy, momentum, gravitation, and thermodynamics. Topics in 102 include electricity, magnetism, light, atomic structure, and nuclear physics.

A \$95 fee is charged for each semester of this laboratory course.

PHY 201. Introduction to Astronomy. (3)

Prerequisite: MAT 150 or permission of the instructor.

A detailed study of the structure and evolution of the universe as it is currently perceived through astronomy. Topics include the tools and techniques of astronomy, the solar system, the stars, our own and other galaxies, and cosmology.

Offered at departmental discretion.

PHY 213 Physics for Science and Engineering Students I. (4)

Prerequisite: MAT 211.

An introduction to the classical theories of physics making use of vector algebra and calculus. Topics include optics, particle dynamics, rotational dynamics, conservation of energy and momentum, oscillations, and waves in elastic media.

A \$95 fee is charged for each semester of this laboratory course

Offered fall semester.

PHY 214 Physics for Science and Engineering Students II. (4)

Prerequisite: PHY 213

Topics include heat, temperature, the ideal gas, the first and second laws of thermodynamics, electric fields, electric potential, magnetic fields, electromagnetic induction, and passive circuits.

A \$95 fee is charged for each semester of this laboratory course.

Offered spring semester.

PHY 351. Classical Mechanics. (3)

Prerequisites: MAT 211, MAT 212; PHY 213.

An advanced study of Newtonian mechanics. Topics include statics, particle motion, systems of particles rigid body motion, gravitation, vibration, and an introduction to Lagrange's equations.

Offered at departmental discretion.

PHY 352. Electricity and Magnetism. (3)

Prerequisites: MAT 212 and PHY 214.

This course in the classical theory of electricity and magnetism includes the following topics: electrostatic boundary value problems, electric fields in dielectric media, electrostatic energy, the magnetic field, Ampere's law, Faraday's law, vector and scalar potentials, Maxwell's equations, electromagnetic waves, and radiation from sources.

Offered at departmental discretion.

PHY 451. Modern Physics. (3)

Prerequisites: MAT 212; PHY 213, PHY 214.

Topics in Modern Physics include special relativity, the quantum theory of light, the Bohr atom, particle wave duality, the Heisenberg uncertainty principle, applications of the Schrodinger equation to simple one-dimensional systems, alpha decay, and an introduction to Fermi-Dirac statistics.

Offered at departmental discretion.

Political Science (POS)

Department of History and Social Sciences
Timothy G. Elston, Department Chair

Political Science Faculty:

Associate Professor: Steven Schweizer

Adjunct Faculty: Dennis Lambries, Keith Ringer

Political Science unites students and faculty in the process of exploring the exciting world of politics. As a political science major, students have the opportunity and freedom to debate contemporary domestic and international issues; to develop an understanding of politics at the state, local, national and international levels; to hone information technology, critical thinking, and communications skills; to develop an ethical approach to politics; to engage in public service through political and legal internships; and to prepare for graduate school, law school, or employment.

The goals of the Political Science Program are to:

1. help students shape their own political philosophy by exploring how the Judeo-Christian heritage has influenced political thought patterns;
2. apply the student's developing political philosophy to contemporary political issues;
3. develop the student's understanding and practice of their civic rights and responsibilities;
4. expose the student to the fundamental sub-disciplines of political science;
5. develop the student's reading, writing, critical thinking, and speaking skills;
6. give students practical experience in politics and law through internships in public administration; local, state and national government; international affairs; and law;
7. give students the knowledge and skills to use information technology and apply them to politics; and
8. prepare the student for successful transition into career employment or graduate studies in political science, public administration, international studies, or law school.

Political Science Major (B.A. degree) Requirements (51 hours)

- 18 hours: Political Science 121, 122, 225, 300, 461 and 462
- 3 hours: Social Sciences 230
- 3 hours: Sociology 302
- 15 hours: Electives from departmental and interdepartmental course offerings with 9 hours from 300-400 level courses. History 351 and 352 and Sociology 228 will be accepted for major credit. No more than 9 hours outside the major can be applied to political science elective credit.
- 12 hours (or equivalent) in Spanish

Political Science Minor Requirements (24 hours)

- 3 hours: Political Science 121 or 122
- 9 hours: Political Science 225, 300 and 461
- 6 hours: Elective Political Science hours
- 6 hours (or equivalent) in Spanish

Core Curriculum

POS 121 and 122 partially satisfy the Core Curriculum requirements in Social Sciences, Area-E.

Prerequisites

There are no prerequisites for most Political Science courses, but students who have not received credit for POS 121 must secure the permission of the instructor before enrolling in a Political Science course numbered 300 and above. Either POS 122 or 228 must be taken before enrolling in POS 340 and 341. Students are required to take SOC 101 and SSC 230 prior to taking SOC 302. Students must take MAT 121 or higher for their Mathematics Core Curriculum requirement before taking SSC 230. Beginning students should take the introductory course, POS 121.

Application for a Major in Political Science

Students interested in majoring in political science must apply in the second semester of their sophomore year. Students should 1) have completed successfully or are currently taking POS 121, POS 122, POS 225, SSC 230, and SOC 302, and 2) be in good standing in the department and at the College.

Course Descriptions

POS 121. American Government. (3)

A comprehensive study of basic institutions, processes, problems and developments in American national government. Special attention is given to international and domestic issues.

Required for political science majors and minors.

Partially satisfies Core Curriculum, Area E-2.

Offered fall and spring semesters.

POS 122. State and Local Government. (3)

An in-depth study of the operation of state and local governments. Particular attention is paid to the areas of problem recognition, policy formulation, and administration, as governmental units seek to relate to 21st century America.

Required for political science majors and minors.

Offered spring semester.

POS 225. Comparative Political Systems. (3)

A survey of the constitutions, structure, function, and policies of Western and non-Western political systems. Particular attention is given to governments of Western and Eastern Europe, Russia, China, Middle East, and African governments.

Required for political science majors and minors.

Offered spring semester, odd-numbered years.

POS 228. Introduction to Public Administration. (3)

The process of policy formulation and implementation, theories of organization, personnel administration, financial administration, and administrative responsibility.

Offered spring semester, odd-numbered years.

POS 260. Introduction to the Principles and Practices of Urban Planning. (3)

Concepts, emerging trends, and methods and techniques in urban planning will be studied.

Offered spring semester, odd-numbered years.

POS 295. Political and Legal Internships. (3)

Prerequisites: POS 121 or POS 122

Internships or practical experience in an approved program of study. Legal and political internships give students an opportunity to work in local, state, and national government; in political campaigns; and in law firms.

Offered with the approval of the department.

Subject to regulations and restrictions on page 57.

Offered every semester.

POS 300. World Politics. (3)

An introduction to the nature of the global political system and the forces underlying actions of state and non-state actors.

Required for political science majors and minors.

Offered fall semester, odd-numbered years.

POS 340. Public Personnel Management. (3)

Prerequisites: POS 122 or POS 228.

This course is designed as a study of the fundamental principles of personnel organization and administration. The focus of this course is primarily at the federal, state, and local levels of government.

Offered fall semester, even-numbered years, evenings.

POS 341. Public Budgeting. (3)

Prerequisites: POS 122 or POS 228.

This course is designed as an in-depth study of budgeting in the public sector. The purpose of this course is to expose the student to both theory and to the practical aspects of budgeting in the public sector.

Offered spring semester, even-numbered years, evenings.

POS 343. Constitutional Law and Civil Liberties. (3)

A survey of important Supreme Court decisions, their background and significance from 1789 to present. Particular attention is given to civil liberties and civil rights.

Political Science 343 is accepted as credit for a History major.

Offered fall semester, odd-numbered years.

POS 348. International Law and Organization. (3)

The development of international law and organizations and their impact on contemporary world politics.

Offered spring semester, even-numbered years.

POS 350. Political Parties and Elections. (3)

A study of elections and the structure and operation of political parties and the legal framework within which they operate in the United States: the nature of voter participation in politics; electoral problems; and democratic systems of government.

Offered fall semester, even-numbered years.

POS 430. Area Studies in Politics and Policies. (3-12)

Contemporary domestic politics of selected nations with special attention paid to their socio-political and modernization problems. Areas to be studied include: Africa, Latin and South America, Asia, and the Middle East.

Offered fall semester, odd-numbered years.

POS 461, 462. History of Political Theory. (3, 3)

A survey of political ideas and ideologies beginning with the Jewish heritage and extending into the 21st century. Special attention is given to how Plato, Aristotle, St. Augustine, Machiavelli, Martin Luther, John Calvin, Thomas Hobbes, John Locke, Jean-Jacques Rousseau, Georg W. F. Hegel, Karl Marx and Friedrich Engels, John Stuart Mill, and John Rawls can help us think about the good life and making personal choices.

POS 461, 462 required for political science majors and minors.

POS 461 offered fall semester, even-numbered years.

POS 462 offered spring semester, odd-numbered years.

POS 475. Advanced World Politics. (3)

Open to senior social sciences majors after consultation with the professor.

Features the techniques and substance of a graduate seminar with themes attuned to student preferences and professional futures. The course is designed to cover internationally oriented problems.

Offered at departmental discretion.

POS 476. Advanced American Government. (3)

Open to upper division social sciences majors after consultation with the professor.

Features the techniques and substance of a graduate seminar with themes focusing on national political institutions: Congress, the President, interest groups or the media. The course is designed to dwell primarily on American problems.

Offered at departmental discretion.

POS 480. Topics in Political Science. (1-3)

Prerequisite: POS 121 or POS 122

Selected topics in American government, comparative politics, political theory, public law, public administration, world politics, and public policy.

Offered at departmental discretion.

POS 491, 492. Independent Study. (1-3, 1-3)

Independent study in a selected field, or problem area, of Political Science. Topic, or problem, to be chosen in consultation with the Political Science staff member under whose guidance the study will be conducted.

Open to majors of demonstrated ability in the social sciences.

Subject to rules and regulations on page 56.

POS 495 or 496. Political and Legal Internships. (1-3)

Prerequisite: POS 121 or POS 122

Internships or practical experience in an approved program of study. Legal and political internships give students an opportunity to work in local, state, and national government; in political campaigns; and in law firms.

Offered every semester with the approval of the department.

Subject to regulations and restrictions on page 57.

Psychology (PSY)

Department of History and Social Sciences

Timothy G. Elston, Department Chair

Psychology Faculty:

Associate Professors: Marilyn Schroer, Nathan Schroer

Adjunct Faculty: Laura Ringer

Psychology is the scientific study of human behavior. The psychology major is designed primarily to investigate human behavior and experience ranging from normal mental, emotional and intellectual activities to mental illness and psychotherapy. Majors acquire a strong undergraduate foundation for entry into graduate and professional schools of psychology in preparation for careers in teaching and research or as professional counselors and licensed psychologists. Psychology majors who do not plan to become professionals in psychology may still use the course work for broad application to careers in business, industry, management, the ministry, human resources, rehabilitation, teaching and others.

Graduates with Psychology degrees are expected to: (1) know about the origins, personalities, theories, and systems that have shaped psychology; (2) write, read and speak about psychological research; (3) appreciate the interrelationship psychology has with other disciplines within the liberal arts and sciences.

A psychology minor is available for those whose main focus is in another academic area, but who wish to gain insight into psychological principles.

Psychology Major (B.A. degree) Requirements (36-42 hours)

Majors in Psychology are required to complete 33 hours in Psychology plus Social Sciences 230 for a total of 36 hours. The 33 hours in Psychology must include

- 15 hours: Psychology 120, 230, 321, 401, and 402,
- 3 hours: at least one additional Psychology course at the 300 or 400 level;
- 15 hours: five additional courses in Psychology depending on student's interests.
- 3 hours: Social Sciences 230.
- 6 hours or the equivalent proficiency of a foreign language.

Psychology Minor Requirements (18 hours)

The Psychology minor requires 18 hours as follows: PSY 120 and five additional Psychology courses.

Core Curriculum

PSY 120 and 332 partially satisfy Core Curriculum requirements in History and Social Sciences, Area E-2.

Course Descriptions

PSY 120. General Psychology. (3)

An introductory survey of basic principles of behavior; sensation and perception, conditioning and learning, memory and language, emotion and motivation, intelligence, and social influences on behavior, and other current topics appropriate to a general understanding of the broad field of psychology.

Psychology 120 partially satisfies Core Curriculum requirements in Social Sciences, Area E-2.

Offered every semester.

PSY 121. Brain and Behavior. (3)

An introduction to brain function, behavior and mental processes for students with little or no background in psychology. An overview of brain structure and function will be followed by examination of how the brain is involved in sensation and movement, rhythms, emotions, learning and memory, and psychological disorders.

Offered at departmental discretion.

PSY 230. Developmental Psychology. (3)

Prerequisite: PSY 120.

A survey of development across the human life span from conception to death, with special emphasis on the period of most rapid change prior to adulthood.

Required for Psychology majors.

Offered spring semester.

PSY 231. Abnormal Psychology. (3)

Prerequisite: PSY 120.

A survey of historical and contemporary conceptions of abnormal behavior including assessment, theoretical perspectives, research, and treatment.

Offered fall semester, even-numbered years.

PSY 232. Personality. (3)

Prerequisite: PSY 120.

A survey of major theories and their application to personality assessment and personality development.

Offered fall semester, even-numbered years.

PSY 236. Social Psychology. (3)

Prerequisite: PSY 120 or SOC 101.

A study of the characteristics of individuals in relation to social groups, focusing on interpersonal attraction, aggression, conformity, attitude formation and change, socialization, and small group dynamics.

Psychology 236 and Sociology 236 are cross-listed. Students may receive credit for either, but not for both courses.

Psychology 236 and Sociology 236 can be counted either for the Psychology or the Sociology major, but not for both.

Offered fall semester, odd-numbered years.

PSY 311. Tests and Measures. (3)

Prerequisite: PSY 120 or EDU 230.

This course prepares students in the theory of evaluation and statistical treatment of psycho-educational testing.

Offered spring semester, odd-numbered years.

PSY 312. Applied Psychology. (3)

Prerequisite: PSY 120.

An investigation of the practical and professional application of psychological principles, including topics in clinical, forensic and industrial/organizational psychology. Students will also receive career information on the graduate training required to prepare for a variety of applied psychology specialties.

Offered at departmental discretion.

PSY 321. Physiological Psychology. (3)

Prerequisite: PSY 120.

An investigation into how the central nervous system works and organizes information for coherent behavior and thought processes. Injury and pathology of the central nervous system will also be studied.

Required for Psychology majors.

Offered fall semester.

PSY 322. Educational Psychology. (3)

Prerequisite: PSY 120.

An introduction to the research and practices related to the process of education from the perspectives of the professions of education and psychology. Emphasis will be placed on: physical, cognitive, moral and psychological development; learning theory; motivation; the concept of intelligence and the exceptional child; and the nature of testing and assessment in the classroom.

Recommended for those interested in teaching and learning in any setting.

Offered spring semester, even-numbered years.

PSY 330. Theories of Counseling. (3)

Prerequisite: PSY 120.

This course will expose students to several major theories of counseling. Students who are planning careers in psychology, social work, educational guidance, pastoral counseling, and various areas of health care should find the contents of this course especially useful.

Offered fall semester, odd-numbered years.

PSY 332. Introduction to the Exceptional Child. (3)

Prerequisite: PSY 120 or EDU 230.

An introduction to atypical or exceptional children in public schools, their special challenges, and ways their specific needs can be met.

A field experience requiring student visits to public schools is required for this course.

Psychology 332 partially meets Core Curriculum requirements in History and Social Sciences, Area E-2.

Offered spring semester.

PSY 340. Psychology of Aging, Dying, and Death. (3)

Prerequisite: PSY 120.

This course offers a broad overview of the psychological aspects of aging, dying, and death. Topics include current American views and issues as well as historical and cross-cultural practices and customs.

Offered at departmental discretion.

PSY 350. Theories of Learning. (3)

Prerequisite: PSY 120.

A study of current theories of how memory, acquisition of new information, forgetting and retrieval are understood.

Offered at departmental discretion.

PSY 401. History and Systems. (3)

Prerequisite: PSY 120.

This course will explore psychology's roots and major divisions as defined by the American Psychological Association. *Required for Psychology majors.*

Offered fall semester.

PSY 402. Experimental Psychology. (3)

Prerequisite: PSY 120.

Prerequisite or co-requisite: SSC 230.

A laboratory course in which students will design and conduct psychological experiments. A formal presentation of results will be presented before the instructor and other class members.

Open to juniors and seniors only.

Required for Psychology majors.

Offered spring semester.

PSY 480. Seminar in Selected Topics. (3)

Prerequisite: PSY 120.

A topic of interest to the student may be investigated in depth. These might include substance abuse, dysfunctional families, suicide, psychotherapy, etc.

Open to juniors and seniors.

Offered at departmental discretion.

PSY 485. Seminar in Professional Topics. (3)

Prerequisite: PSY 120.

This course will focus on classic and contemporary studies which have contributed significantly to our view of modern psychology. Additionally, the practical concerns of preparing for careers and graduate school opportunities will be explored.

Open to juniors and seniors.

Offered at departmental discretion.

PSY 491, 492. Independent Study. (1-3)

Guided research in Psychology.

Open to Psychology majors with a "B" average and with the approval of the instructor.

Offered at departmental discretion.

Subject to rules and regulations on page 56.

PSY 495, 496. Internships. (1-3)

Internships or practical experience in an approved program of study.

Limited to majors in Psychology with a "B" average and the approval of the instructor.

Offered at departmental discretion.

Subject to regulations and restrictions on page 57.

Religion (REL), Philosophy (PHI), and Church Leadership

Department of Religion, Philosophy, and Church Leadership

Mike R. Beggs, Department Chair

Religion and Philosophy Faculty:

Associate Professors: Mike Beggs, Wayne Kannaday

Assistant Professor: Christina Wendland, Christian Hipp

Adjunct Faculty: Terry Dohm, Mark Wendland

The study of religion and philosophy is one of the most rewarding academic pursuits a student might wish to undertake in his or her college career. The personal benefits are well-known: the study of religion and philosophy allows one to explore life's most important and challenging questions: from "What is the nature of reality?" and "Can God's existence be determined by reason or by faith alone?" to "What is the best sort of life to lead?" and "How do we understand and live with religious differences?" Courses in religion and philosophy challenge students to find answers to these questions while exposing them to thousands of years of conversation on life's most pressing themes.

Often overlooked, though, are the practical rewards of studying religion and philosophy. And there are many of them. Among the skills most prized by businesses today are strengths in written communication and analytical thinking as well as creative aptitude. Students who study religion and philosophy are trained to analyze and construct arguments and to evaluate ideas while creatively articulating their own. Because of their skills in reading, writing and critical thinking, students who major in philosophy and religion consistently score in the highest percentiles for professional and graduate school exams. The study of religion and philosophy not only prepares one for a career in teaching; students who major and minor in these areas are regularly admitted into law school, medical school, and other pre-professional and graduate programs. In short, while religion and philosophy are intrinsically worthwhile pursuits, they continue to prove among the most practically valuable disciplines in the liberal arts and sciences.

The Department of Religion, Philosophy, and Church Leadership provides three different services to the students of Newberry College:

1. For students seeking preparation for graduate/professional school or for personal growth, the College offers a B.A. in Religion and Philosophy with concentrations either in Religion or Philosophy.
2. For students who feel called to ministry through the Church either in an ordained or lay capacity, the College offers a B.A. in Church Leadership with concentrations in Church Administration, Church Music, Youth Ministry and Christian Education. This degree provides more practical training and experiences than the B.A. in Religion and Philosophy. The degree achieves a balance between practical application and academic reflection that is particularly useful for lay church leaders but also beneficial for those planning to attend seminary.
3. For students whose plans do not involve extensive preparation in the areas of Religion and Philosophy, the department offers a number of Core Curriculum offerings to fulfill the Section F. (Religion and Ethics) portion of the Core Curriculum. In addition, students may take HUM 250 Masterworks of Civilization, PHI 101, or any 200 level or above Philosophy course to complete core requirement C-2 (Humanities and Fine Arts) and PHI 110 Logic to complete core requirement D-3 (Natural Sciences and Math).

Minors offered in Religion, Philosophy, and Church Leadership insure that every student at Newberry College has opportunities to explore these three areas of study and life preparation to the extent that she or he chooses.

Religion and Philosophy Major with Religion Concentration

The Religion concentration at Newberry College is designed to equip students with the literary, historical and analytical facilities necessary for the academic investigation and exploration of the sacred writings, doctrines, and history of the Judeo-Christian tradition. As a result of the structured emphasis, program participants will have the opportunity to acquire wide-ranging familiarity with the Bible in its historical and literary context. This concentration is highly recommended for students who wish to pursue a terminal degree in any sub-field of religious studies, such as biblical studies, history, or theology. Students seeking seminary training who wish to strengthen their academic religious preparation should strongly consider this concentration, while those seeking greater balance between practical Christian service and academic preparation should investigate the B.A. in Church Leadership. In addition, students in any number of professional fields that require facility in working with historical documents or sensitivity to multi-cultural and ecumenical diversity will find the skills and insights honed in this discipline useful. Naturally, any investigation in the fields of Religion and Philosophy provides opportunities for spiritual and personal enrichment.

Religion and Philosophy Major (B.A. degree) Requirements with Religion Concentration (39 hours)

Students who wish to concentrate their studies in Religion can earn a B.A. in **Religion and Philosophy**. The major requires a minimum of 39 semester hours and consists of the following courses: the 12 hour Religion and Ethics Core Requirement, Area F, 6 hours of a foreign language, REL 301, REL 350; 300-400 level Philosophy course to be determined (3 hours); one course from REL 481/482 Seminar; PHI 499 or REL 499; 2 additional 3 hour courses (200 level or above) from the Department, for a total of 39 hours. In addition, all Religion Majors and Minors are required to sign up for HUM 100 each semester they are in residence (1 hour per semester – these hours do not count toward the 39 hours of the degree – petitions to waive this requirement may be submitted each semester to the Department Chair).

Religion Minor Requirements (21 hours)

A minor in Religion requires completion of the 12 hour Religion and Ethics Core requirements, Area-F, and three additional courses in Religion (200 level or above). In addition, upon declaring, Religion minor students will be required to enroll in HUM 100 each semester of residence (1 hour per semester – these hours do not count toward the 21 hours for the minor – petitions to waive this requirement may be submitted each semester to the Department Chair).

Philosophy Concentration

The Philosophy program at Newberry College is structured to provide students with exceptional training in Ethics and the History of Philosophy. Philosophy is one of the oldest academic disciplines, aimed to develop students' proficiencies in critical thinking through investigations of topics related to value, truth, morality, selfhood, and the acquisition of knowledge. In addition, the study of Philosophy is guided by an appreciation of the contributions of past thinkers to our contemporary understanding of these topics.

Religion and Philosophy Major (B.A. degree) Requirements with a Concentration in Philosophy(39 hours)

Students who wish to concentrate their studies in Philosophy can earn a B.A. in **Religion and Philosophy**. The major requires a minimum of 39 semester hours and consists of the following courses: completion of the 12 hour Religion and Ethics Core Requirements, 6 hours of a foreign language, REL 350; a 300-400 level PHI course to be determined (3 hours); one course from PHI 481/482 Seminar; PHI 499; and 2 additional 3 hour courses (200 level or above) from the Department, for a total of 39 hours. In addition, all Religion Majors and Minors are required to sign up for HUM 100 each semester they are in residence (1 hour per semester – these hours do not count toward the 39 hours of the degree – petitions to waive this requirement may be submitted each semester to the Department Chair).

Philosophy Minor Requirements (21 hours)

A minor in Philosophy requires 21 hours of course work including: PHI 110, 201, and 202; either PHI 120, 220, or 312; and three additional courses in Philosophy. In addition, upon declaring, Philosophy Minor students are required to sign up for HUM 100 each semester they are in residence (1 hour per semester – these hours do not count toward the 21 hours of the minor – petitions to waive this requirement may be submitted each semester to the Department Chair).

Core Curriculum

All philosophy courses **except Philosophy 110** satisfy the Core Curriculum, Area C-2.

Philosophy 110 satisfies the Core Curriculum requirements in Mathematics, Area D-3. Philosophy 110 does NOT satisfy Core Curriculum requirements in Humanities and Fine Arts, Area C-2.

Church Leadership Major (B.A. degree) Requirements (51-55 hours)

The call to servant leadership in the church can take many forms and involve many skills; therefore, Newberry College has developed a flexible degree designed to help students tailor their skills to match their call. Students who wish to blend academic preparation with practical leadership experiences may complete the **B.A. in Church Leadership**. This course of study will provide students with broad exposure to the range of disciplines in the field of religion and develop a basic skill set suitable for a specific area of Church Ministry/Leadership.

Requirements include a total of 51-55 hours: 12 hours to complete The Religion and Ethics Core Requirements, 6 hours of a foreign language, a minimum of 16 additional hours for a total of 28 hours from the Department (Courses listed below must be included in that 28 hours) and the courses listed under one of the four Church Leadership concentrations. In addition, all Church Leadership Majors and Minors are required to sign up for HUM 100 each semester they are in residence (1 hour per semester – these hours do not count toward the 51-55 hours of the degree – petitions to waive this requirement may be submitted each semester to the Department Chair).

See following page for list of requirements.

(Church Leadership Major (B.A. degree) Requirements-continued)

| | |
|---|--------------------|
| REL 203. From the Apostles to the Reformers (100-1550) | 3 hours |
| REL 220. Religions of the World | 3 hours |
| REL 301. Jesus: His Religion & Teachings | 3 hours |
| REL 350. Systematic Theology | 3 hours |
| Either REL 250 Christian Vocation and Church Leadership (1), <u>or</u> COL 300 Learning Leadership (1), <u>or</u> HUM 300. Profiles in Leadership (2) | 1-2 hours |
| REL 495. Christian Vocation Internship | 3 hours |
| Religion and Philosophy Total | 28-29 hours |
| Concentration | 17-21 hours |

Concentrations:

Church Leadership Major with Church Administration Concentration (18 hours)

| | |
|---|---------|
| ACC 210. Principles of Financial Accounting | 3 hours |
| ECO 210. Principles of Macroeconomics | 3 hours |
| Either COM 121. Intro. To Media Writing <u>or</u> ART 320 Web Design | 3 hours |
| Either BUA 260. Principles of Management <u>and</u> BUA 462. Organizational Behavior <u>or</u> PSY 120. General Psychology <u>and</u> PSY/SOC 236 Social Psychology | 6 hours |
| 3 Hours of Approved Business or Psychology | 3 hours |

Church Leadership Major with Music Ministry Concentration (21 hours)

| | |
|--|---------|
| MUA 101. Elementary Piano Class | 2 hours |
| MUS 100. Repertory Seminar, 4 semesters | 0 hours |
| MUS 151. Music Literature | 3 hours |
| MUS 343. History of Sacred Music | 3 hours |
| MUS 377. Choral Conducting | 2 hours |
| MUS 483. Practice of Church Music | 3 hours |
| Applied Music: Organ or Voice (6 hours), Piano (2 hours) | 8 hours |

Church Leadership Major with Youth Ministry Concentration (17 hours)

| | |
|--|---------|
| PSY 120. General Psychology | 3 hours |
| PSY 230. Developmental Psychology | 3 hours |
| PHE 117. First Aid | 2 hours |
| PHE 211. Community & Church Recreation | 3 hours |
| REL 340. Youth Ministry | 3 hours |
| Approved Art, Music, or Theatre | 3 hours |

Church Leadership Major with Christian Education Concentration (17 hours)

| | |
|--|---------|
| PSY 120. General Psychology | 3 hours |
| PSY 230. Developmental Psychology | 3 hours |
| PHE 117. First Aid | 2 hours |
| PHE 211. Community & Church Recreation | 3 hours |
| REL 330. Christian Education | 3 hours |
| Approved Art, Music, or Theater | 3 hours |

Church Leadership Minor (22-23 hours):

A Minor in Church Leadership requires completion of the 12 hour Religion and Ethics Core requirements and the courses specified below for a minimum total of 22-23 hours within the Department.

In addition, upon declaring, Church Leadership Minor students will be required to enroll in Hum 100 each semester of residence (1 hour per semester – these hours do not count toward the 22-23 hours for the minor petitions to waive this requirement may be submitted each semester to the Department Chair).

(Church Leadership Minor continued)

| | |
|--|-----------|
| REL 203. Church History | 3 hours |
| REL 220. World Religions | 3 hours |
| REL 301. Jesus: His Religion & Teachings | 3 hours |
| REL 350. Systematic Theology | 3 hours |
| REL 495. Christian Vocation Internship | 3 hours |
| Either REL 250 Christian Vocation and Church Leadership (1), or COL 300 Learning Leadership (1), or HUM 300 Profiles in Leadership (2) | 1-2 hours |

Academic Requirements toward Associates in Ministry (AIM) Certification

The College is pleased to be able to offer Lutherans the opportunity to complete the academic requirements toward Associates in Ministry (AIM) certification. Successful candidates under the guidance of their synod will be enrolled in an officially recognized roster for lay ministry.

Candidates for AIM Certification must also complete:

| | |
|--|---------|
| REL 302. Hebrew Prophets | 3 hours |
| REL 322. History of Lutherans and Lutheranism | 3 hours |
| REL 380. Lutheran Theology & Confessional Writings | 3 hours |

Church Leadership Minor toward AIM Certification (25-26 Hours)

A Minor in Church Leadership that fulfills AIM Certification requirements includes completion of the 12 hour Religion and Ethics Core requirements, Area F, and the courses specified below for a minimum total of 25-26 hours within the Department. In addition, upon declaring, Church Leadership Minor students will be required to enroll in Hum 100 each semester of residence (1 hour per semester – these hours do not count toward the 22-23 hours for the minor – petitions to waive this requirement may be submitted each semester to the Department Chair).

| | |
|--|-----------|
| REL 301. Jesus: His Religion & Teachings | 3 hours |
| REL 302. Hebrew Prophets | 3 hours |
| REL 322. History of Lutherans and Lutheranism | 3 hours |
| REL 350. Systematic Theology | 3 hours |
| REL 380. Lutheran Theology & Confessional Writings | 3 hours |
| REL 495. Christian Vocation Internship | 3 hours |
| Either REL 250 Christian Vocation and Church Leadership (1 hr), or COL 300 Learning Leadership (1 hr), or HUM 300 Profiles in Leadership (2 hrs) | 1-2 hours |

Core Curriculum

Religion 110 partially satisfies Core Curriculum requirements in Religion, Area F-1b. Any religion courses or ethics courses not expressly prohibited may be used to satisfy the remaining Core Curriculum requirements in Religion, Area F-1b.

Religion 111 and 112 fulfill requirements for the Core, Area-F-1a.

Humanities 250 and any **PHI course** (except: PHI 110, 120, 220 or 312) may be used to satisfy the Core Curriculum requirements in Humanities and Fine Arts, Area C-2.

Philosophy 120, 220, and 312 and **Religion 213** (also BUA 311 and SCI 114) satisfy the Core Curriculum requirements in Religion, Area F-3.

Philosophy 110 (Logic) satisfies Core Curriculum requirements in Natural Sciences and Mathematics, Area D-3.

All Philosophy courses, except PHI 110, fulfill Core C-2 requirements.

No Religion courses may be used to fulfill either Core C-1 or C-2 requirements.

Humanities Courses

Humanities courses are designed as interdisciplinary courses drawing upon the resources of two or more disciplines in the examination of an issue pertinent to a liberal arts education. These are by no means the only interdisciplinary courses offered at Newberry but those listed under the Humanities heading are coordinated through the Department of Religion, Philosophy, and Church Leadership.

Course Descriptions

REL 110. The Biblical Heritage. (3)

A study of the life, faith, and history of ancient Israel, early Judaism, and early Christianity through an examination of selected portions of the Old and New Testaments, with stress upon their relevance for modern humanity. *Partially satisfies Core Curriculum requirements in Religion, Area F-1b.*

Offered every semester.

REL 111. Hebrew Scriptures. (3)

This course provides an overview of the social and historical context of the ancient Israelite society (from the age of the Patriarchs to the emergence of Second Temple Judaism), the literary character of the scriptures it produced and the theological content of those scriptures.

Satisfies Core Curriculum requirements in Religion, Area F-1a.

REL 112. New Testament. (3)

This course provides an overview of the emergent Christian community of the early Christian era (from the time of Jesus to the end of the Apostolic Age), the literary character of the scriptures it produced and the theological content of those scriptures.

Satisfies Core Curriculum requirements in Religion, Area F-1,a.

NOTE: Students may not take both REL 110 and the REL 111-112 sequence as their content will overlap.

REL 200. Introduction to Religion. (3)

This course presents an overview of the major subdivisions in the field of religion, emphasizing both the breadth and organization of religion as an academic discipline. Within each division, the student will become familiar with traditional themes and terminology, current trends and issues, major personalities and their works, and various methodologies in the study of religion.

Offered at departmental discretion.

REL 203. From the Apostles to the Reformers (History of Christianity I; ca. 100-ca. 1550). (3)

This course examines the institutional, intellectual, and social developments in the history of Christianity from its beginnings to the Reformation. Issues such as the relationship between church and state, theology and philosophy, piety and culture will be traced and analyzed in the wider context of the history of the Mediterranean and Western Worlds from later antiquity to the Reformation.

*This course may be taken by History Majors to complete degree requirements in the field of History.
(see page s126-127) Satisfies Core requirement F-2.*

REL 207. From the Reformation to the Present (History of Christianity II; ca. 1500-Present). (3)

This course examines the history of Christianity from the Protestant Reformation through the emergence of the modern era to contemporary events in Christian History. Particular attention will be given to the rise of denominationalism, the history of Christianity in America, various reactions to modern social, political, and scientific theory, and the encounter of Christianity with non-European cultures through missionary and colonizing activity.

*This course may be taken by History Majors to complete degree requirements in the field of History.
(see page s 126-127). Satisfies Core requirement F-2.*

REL 213. Christian Ethics in a Changing Society. (3)

Prerequisites: REL 110 or REL 111 and 112.

An investigation of the resources within the Christian faith for making moral decisions with respect to the scientific, social, economic, political, and personal problems in the contemporary world.

Offered at departmental discretion. Satisfies Core requirement F-3.

REL 220. Religions of the World. (3)

The history, beliefs, and practices of major non-Christian religions, including Buddhism, Confucianism, Hinduism, Islam, Judaism, and Taoism.

Offered at departmental discretion. May be taken to satisfy Core requirement F-1b along with REL 110.

REL 250. Christian Vocation and Church Leadership. (1)

A study of the call to Christian service in the Church and the world. This course will examine the concepts of ministry and the call, the nature and structure of the Church, contemporary issues facing the Church, as well as resources and programs used by the Church to promote faith and service in local congregations. This course is open to students of all denominations and religious traditions.

Graded on an S-U basis.

Offered at departmental discretion. This course may not be taken to fulfill any Core requirement.

REL 290. Religion and Popular Culture. (3)

This course explores the wide variety of religious perspectives and values communicated through the arts most accessible to the general public. Movies, television, music, and web-based communication will provide opportunities for investigation into and reflection on the role that religious ideas and values play in contemporary American society.

Offered at departmental discretion. May be taken to satisfy Core requirement F-1b along with REL 110.

REL 301. Jesus: His Religion and His Teachings. (3)

Prerequisites: REL 110 or REL 112 completed with a grade of "C+" or better.

The character, ministry, and teaching of Jesus Christ, based upon the New Testament, including an examination of modern interpretations of Jesus.

Offered alternate years. May be taken to satisfy Core requirement F-1b along with REL 110.

REL 302. The Hebrew Prophets: Their Times and Message. (3)

Prerequisites: REL 110 or REL 111 completed with a grade of "C+" or better.

A study of the development, characteristics, and messages of selected major and minor prophets of Israel and Judah, with an emphasis upon their relevance for contemporary life.

Offered alternate years. May be taken to satisfy Core requirement F-1b along with REL 110.

REL 303. Paul: His Life, Writings, and Continuing Impact. (3)

Prerequisites: REL 110 or REL 112 completed with a grade of "C+" or better.

A survey of the life of Paul and the development of his theology in response to the problems and heresies he faced as an apostle and a missionary, with a consideration of their impact upon 20th century theology.

Offered alternate years. May be taken to satisfy Core requirement F-1b along with REL 110.

REL 305. The General Epistles and the Johannine Literature. (3)

Prerequisite: REL 110 or REL 112 completed with a grade of "C+" or better.

A study of the non-Pauline epistles in the New Testament and those writings associated with the name of John, including Revelation.

Offered alternate years. May be taken to satisfy Core requirement F-1b along with REL 110.

REL 305. The General Epistles and the Johannine Literature. (3)

Prerequisite: REL 110 or REL 112 completed with a grade of “C+” or better.

A study of the non-Pauline epistles in the New Testament and those writings associated with the name of John, including Revelation.

Offered alternate years. May be taken to satisfy Core requirement F-1,b along with REL 110.

REL 310. American Religious History. (3)

A study of the major trends, issues, persons, and movements in American religious history in their social, cultural, and political contexts..

Offered at departmental discretion. This course may be taken by History Majors to complete degree requirements in the field on History (see pages 126-127).

REL 320. African-American Religious History. (3)

A study of the major trends, issues, persons and movements in African-American religious history. Special attention will be paid to Civil Rights, sociological factors affecting religion in America, and the politics of Religion.

Offered at departmental discretion.

REL 322. History of Lutherans and Lutheranism. (3)

This course investigates the unique character of Lutheranism as a Christian faith. People, places, and events important in shaping the contemporary Lutheran Church will be examined in an effort to help students clarify their own Christian identities.

Satisfies Core requirement F-2.

REL 330. Christian Education. (3)

This course will provide a very practical introduction to the problems encountered and “best practices” employed by Church Leaders in the area of Christian Education. Attention will be paid to curriculum selection or development, effective teaching methods, volunteer teacher recruitment and training, and issues related to staff and supervisory boards.

Does NOT satisfy Core Curriculum requirements for Religion & Ethics, Area F.

Offered at departmental discretion.

REL 340. Youth Ministry. (3)

This course will provide a very practical introduction to the problems encountered and “best practices” employed by Church Leaders in the area of Youth Ministry. Attention will be paid to youth outreach and support strategies, program organization, curriculum selection or development, effective teaching methods, unique challenges and issues related to pre-adolescent and adolescent youth, and issues related to staff and supervisory boards.

Does NOT satisfy Core Curriculum requirements for Religion & Ethics, Area F.

Offered at departmental discretion.

REL 350. Systematic Theology. (3)

This course examines the main themes of Christian theology in their classical formulation, traditional development, and contemporary expression. A seminar approach will be adopted in the course. Students will actively cooperate in developing the course content through the completion of reading assignments, outside research, formal presentation of material, and participation in discussion and debate. The textbook and instructor will serve primarily to describe the content and variety of influential positions taken on the main themes in theology. Students will take the initiative in advancing and defending particular views on the issues described.

Offered alternate years. May be taken to satisfy Core requirement F-1,b along with REL 110.

REL 380. Lutheran Theology & Confessional Writings. (3)

Selections from Luther's works, the Augsburg Confession and subsequent Lutheran writings will guide the student's investigation of her or his own confessional understanding of the Christian faith.

Satisfies Core Requirement F-2.

REL 481, 482. Seminar on Religious Issues. (1-3, 1-3)

Prerequisites: REL 110 or REL 111 and 112 and at least one 300 level course in Religion.

An intensive study of a question or problem in Biblical studies, religious history, or a current religious movement or issue.

This course may not be taken to compete Core requirements.

REL 491. Independent Study. (1-3)

Open only to juniors and seniors of demonstrated ability majoring or minoring in Religion and Philosophy.

Subject to rules and regulations on page 56.

REL 495. Christian Vocation Internship. (3)

Prerequisites: Junior or Senior classification and approval of Religion & Philosophy Faculty advisor.

Students will be matched up with an internship opportunity which matches the student's expressed interest in Church Leadership. Every effort will be made to place students in an internship experience which both exhibits some of the "best practices" in their chosen field of leadership and reflects the denominational/theological affiliations of the student intern.

Subject to regulations and restrictions on page 57.

Offered at departmental discretion.

REL 499. Senior Essay. (3)

A project requiring scholarly research and culminating in the public presentation of a formal paper.

Subject to rules and regulations on page 58.

Offered at departmental discretion.

Science (SCI)

Department of Biology and Chemistry

Charles Horn, Department Chair

Science Faculty:

Adjunct Faculty: Rebecca Pugh

Laboratory Fee

A \$95 fee is charged each semester for each laboratory course. Lab courses receive four semester hours of credit.

Core Curriculum

SCI 110, 112, and 120 partially satisfy Core Curriculum requirements in Natural Sciences and Mathematics, Areas D-1 and D3. SCI 321 does NOT satisfy Core Curriculum requirements, Area D.

Course Descriptions

SCI 110. Introduction to Earth Science. (4)

An introduction to astronomy, oceanography, geology, and meteorology. Three lecture and three laboratory hours per week.

Required of all teacher education students.

Offered every semester.

A laboratory fee of \$95 is charged for this course.

SCI 112. Introduction to Environmental Science. (4)

A study of human related environmental problems stressing human impact on the natural world and possible solutions. Three lecture and three laboratory hours a week.

Offered spring semester.

A laboratory fee of \$95 is charged for this course.

SCI 114. Scientific Ethics. (3)

Application of scientific principles and scientific method to problems and decisions confronting society. Students will study major ethical and moral issues and their application in science. Students will study the historical development and perspectives of science. Designed for the non-major. Three lecture hours per week.

Offered at departmental discretion.

Satisfies Core curriculum requirements for Religion and Ethics, Area F.

SCI 120. Introduction to Physical Science. (4)

Prerequisite: MAT 099 or higher.

A survey of chemistry and physics of the natural world. Topics include properties of matter, elements, the Periodic Table, chemical reactions, forces, Newton's Laws of Motion, time-distance relationships, energy, electricity, magnetism, and sound. Three lecture and three laboratory hours per week.

Required of all Elementary Education majors.

Offered every semester.

A laboratory fee of \$95 is charged for this course.

SCI 321. Methods of Teaching Secondary Science. (3)

Practical training in the teaching of science on the secondary level. Emphasis will be on the current types and patterns of science programs that adhere to the National Science Education Standards for teachers and for grades 9-12. Topics will include discussion of teaching strategies, laboratory management, planning for instruction, demonstrations, and laboratory experiences involving inquiry. The use of technology in the classroom and laboratory will be emphasized. Various types of assessment as well as safety and health responsibility will be discussed. Three lecture hours per week.

24 hours of field experience with a certified science teacher will be required.

Required for teacher certification in the natural sciences.

Does NOT satisfy Core Curriculum requirements for Natural Sciences and Mathematics.

Offered at departmental discretion.

Social Sciences (SSC)

Department of History and Social Sciences

Timothy G. Elston, Department Chair

Course Descriptions

SSC 230. Introduction to Statistics for Social Scientists. (3)

Prerequisite: MAT 121 or higher, excluding MAT 221 or 222.

An introduction to basic skills and concepts. Includes descriptive statistics, hypothesis testing, chi-square, and correlation analysis.

Social Sciences 230 partially satisfies Core Curriculum requirements in Mathematics, Area D-3.

Offered every semester.

SSC 335. Methods of Teaching Social Studies. (3)

Students study educational theories and methods used in teaching Social Studies/English at the secondary level; construct unit and lesson plans based upon the theories and methods studied; review and practice reading analysis techniques, writing skills, and technical terminology used at the secondary level; participate in activities that simulate classroom situations; and teach lessons in middle and/or secondary schools.

A 24 hour field experience involving teaching in the public schools is required for this course.

Required for teacher certification in History or Social Studies.

Offered on the basis of need as determined by the chairs of the Departments of Education; English, Languages and Foreign Languages; and History and Social Sciences.

Social Work (SWK)

Department of History and Social Sciences

Timothy G. Elston, Department Chair

Course Descriptions

SWK 101. Introduction to Social Work. (3)

An introductory course designed to provide students with an overview of the knowledge, concepts, skills, and practices of social work. The student will also explore career opportunities in the region.

Offered fall semester.

SWK 200. Human Behavior in the Social Environment. (3)

Prerequisite: SWK 101

The study of human development and change over the life span using a multidimensional theoretical framework: biophysical, psychological, and sociological. The students will learn how to use this framework to assess social functioning.

Offered spring semester, odd-numbered years.

SWK 495. Social Work Internship. (3)

Prerequisites: SWK 101 and SWK 200.

Supervised field experience in a social work agency or under the supervision of social workers.

Intended for seniors in the Social Work Minor.

Subject to regulations and restrictions on page 57.

Sociology (SOC)

Department of History and Social Sciences
Timothy G. Elston, Department Chair

Sociology Faculty:

Professor: Vinetta Witt

Assistant Professor: Carol Black

Adjunct Faculty: Naomi Kolberg

Sociology is the scientific study of human society, social forces, and social interaction. The curriculum and major requirements are designed so that students will:

- 1) acquire an understanding of the field of sociology, including the sociological perspective, sociological concepts and theories, sociological research methods;
- (2) become informed citizens, with a critical understanding of social institutions, social and economic power and inequality, major social issues, the world around them;
- (3) develop critical and analytical skills and skills for effective communication;
- (4) acquire the basic preparation for careers in research, teaching, community service, social services, criminal justice, management, government, the law, and the ministry.

The Sociology major prepares students for graduate work in sociology, social work, criminal justice or for graduate degrees in law or theology.

Sociology Major (B.A. degree) Requirements (36-42 hours)

Majors in Sociology are required to complete 33 hours in sociology plus Social Sciences 230 for a total of 36 hours as follows:

- 12 hours: Sociology 101, 208, 301, 302;
- 6 hours: Two other Sociology courses at the 300-400 level;
- 15 hours: Five other courses in Sociology;
- 3 hours: Social Sciences 230.
- 6 hours or the equivalent proficiency of a foreign language

The sociology major also requires at least two semesters (6 hours) of a foreign language. This requirement can be met by demonstrating competency through placement tests or AP credit.

Sociology Minor Requirements (18 hours)

The Sociology minor requires 18 hours in Sociology: SOC 101, 208, and four Sociology electives.

Criminal Justice Minor Requirements (18 hours)

The Criminal Justice minor requires 18 hours of course work including:

- 9 hours: Sociology 101; 246; 347;
- 3 hours: Sociology 495 or Sociology 496 (internship in a criminal justice agency);
- 3 hours: Political Science 343.

For Sociology majors the other three hours must be in POS 121, POS 122, POS 228; PSY 236 or PSY 330; FSC 211.

For non-Sociology majors the other three hours must be in SOC 208, SOC 308; POS 121, POS 122, POS 228; PSY 236 or 330; FSC 211.

A student may receive a minor in both Criminal Justice and Sociology but only if the only duplicated courses are SOC 101 and SOC 208. Thus, a Sociology Minor cannot count SOC 246, PSY 236, and SOC 347 if the student counts those courses towards a Criminal Justice Minor.

Social Work Minor Requirements (21 hours)

The Social Work Minor requires 21 hours of course work:

- SWK 101. Introduction to Social Work 3 hours
- PSY 120. General Psychology 3 hours
- SOC 101. Introduction to Sociology 3 hours
- SWK 200. Human Behavior in the Social Environment 3 hours
- SOC 308. Racial and Ethnic Groups 3 hours
- SWK 495. Social Work Internship 3 hours
- ONE 3-hour elective from the following: 3 hours
 - SOC 208. Social Stratification
 - SOC 217. Family and Society
 - SOC 408. Sociology of Poverty and the Welfare State
 - SOC 328. Sociology of Aging
 - POS 122. State and Local Government
 - PSY 230. Developmental Psychology
 - PSY 232. Personality
 - PSY 330. Theories of Counseling

Total: 21 hours required. 6 hours meet Core requirements.

A research course (SOC 302, PSY 402) is strongly recommended.

Core Curriculum

Sociology 101 or 102 partially satisfies Core Curriculum requirements in History and Social Sciences, Area E-2.

Course Descriptions

SOC 101. Introduction to Sociology. (3)

An introduction to the study of society and the social forces and patterns of human interaction that shape the world around us.

Required for sociology majors.

Sociology 101 partially satisfies Core Curriculum requirements in Social Sciences, Area E-2.

Offered every semester.

SOC 102. Social Problems. (3)

An analysis of contemporary American and world social issues focusing on underlying causes and strategies for change; examples include problems of deviance, inequality, substance abuse, discrimination, international tensions, war, and injustice.

Sociology 102 partially satisfies Core Curriculum requirements in Social Sciences, Area E-2.

Offered every semester.

SOC 208. Social Stratification. (3)

Prerequisite: SOC 101.

Examination of the social, political, and economic consequences of institutionalized inequality in the United States. Focuses on the nature of class, status, and power.

Required for sociology majors and minors.

Offered fall semester.

SOC 217. Family and Society. (3)

Prerequisite: SOC 101 or SOC 102.

Analysis of the social relationships among people in courtship, marriage, and family situations, interrelations between the family and other parts of the social system.

Offered fall semester, odd-numbered years.

SOC 228. Political Sociology. (3)

Prerequisite: SOC 101 or SOC 102.

Analysis of the part power plays in structuring societies and social relationships. Discussions of political, economic, and social power focusing on the underlying and hidden structure of power in society.

Accepted as credit for a political science major.

Offered fall semester, even-numbered years.

SOC 236. Social Psychology. (3)

Prerequisite: SOC 101 or PSY 120.

A study of the characteristics of the individual in relation to social groups, focusing on interpersonal attraction, aggression, conformity, attitude formation and change, socialization, and small group dynamics.

SOC 236 and PSY 236 are cross-listed. Students may receive credit for one, but not both courses.

SOC236 and PSY 236 can be counted for the Sociology or the Psychology major, but not for both.

Offered fall semester, odd-numbered years.

SOC 246. Criminology. (3)

Prerequisite: SOC 101 or SOC 102.

Analysis of criminal behavior—the social definition of crime and the criminal, incidence and trends in crime, theories and explanations of crime.

Offered fall semester, odd-numbered years.

SOC 301. Social Theory. (3)

Prerequisites: SOC 101 and one 200 level sociology course or higher.

A study of the work of major sociological theorists with special attention to the social and intellectual contexts within which the theories have been produced.

Required for sociology majors; intended for junior sociology majors.

Offered fall semester.

SOC 302. Social Research. (3)

Prerequisites: SOC 101, SSC 230, or permission of instructor.

The major issues and strategies involved in conducting scientific inquiry in the social sciences. Attention to research design, sampling, causal influence, data collection techniques, and data analysis.

Required for sociology majors; intended for junior sociology majors.

Offered spring semester.

SOC 308. Racial and Ethnic Groups. (3)

Prerequisite: SOC 101 or SOC 102.

Selected racial, religious, and ethnic minorities and their relationships to the dominant majority. Roots of prejudice and discrimination, the ideology of cultural pluralism, and programs for change.

Offered fall semester, even-numbered years.

SOC 310. Applied Sociology. (3)

Prerequisite: SOC 101.

This course provides a practical view of the discipline of sociology. The students will use their analytical skills to explain various social issues using contemporary and historical data. Academic and nonacademic careers in sociology will be explored.

Intended for juniors and seniors in the Sociology department.

Offered spring semester, even-numbered years.

SOC 317. Sociology of Gender. (3)

Prerequisite: SOC 101 or 102.

Historical, cross cultural and social science perspectives on the roles of men and women. Theory and research on the origins, maintenance, and effects of gender differences involving such institutions as the family, economy, legal and political structures.

Offered spring semester, even-numbered years.

SOC 326. Problems of Population and Environment. (3)

Prerequisite: SOC 101 or SOC 102.

An investigation of current environmental and population issues including population growth, the energy crisis, limits to economic growth, hunger, pollution, nuclear war, and possible and actual collective responses to these.

Offered fall semester, odd-numbered years.

SOC 328. Sociology of Aging. (3)

Prerequisite: SOC 101 or SOC 102 or PSY 120.

This course undertakes an examination of theories and concepts concerning aging and the life course. Consideration is given to social, psychological, biological, and cultural aspects of the developmental process of aging. An overview of some of the major issues of aging in modern society will be presented. Students will explore resources for older adults within the Greater Midlands region.

Offered spring semester, odd-numbered years.

SOC 347. Criminal Justice and the Law. (3)

Prerequisite: SOC 101 or SOC 102.

Analysis of the American criminal justice system, focusing on the nature of criminal law, roles and functions of police, the criminal justice process, the court system, and treatment of offenders.

Offered spring semester, even-numbered years.

SOC 408. Sociology of Poverty and the Welfare State. (3)

Prerequisite: SOC 101 or SOC 102.

Current theories and research on causes, correlations, and societal responses to poverty.

Offered spring semester, odd-numbered years.

SOC 480. Seminar on Selected Topics. (3)

Prerequisite: SOC 101.

Open to advanced juniors and seniors with permission of the instructor.

A single topic of interest to faculty and students will be selected. Examples include the terrorism, issues of peace and justice, social movements, juvenile delinquency, social deviance, etc.

Offered at departmental discretion.

SOC 491, 492. Independent Study. (1-3, 1-3)

Guided research in sociology. Open to sociology majors or minors with a "B" average in Sociology and with the approval of the instructor.

Subject to rules and regulations on page 56.

SOC 495, 496. Internship. (1-3, 1-3)

Internships or practical experience in some area of social services, community action, or criminal justice.

Limited to senior majors or minors in Sociology, in good standing.

Subject to regulations and restrictions on page 57.

Theatre (THE) and Speech (SPE)

Department of Theatre, Visual Arts, and Communications
Patrick Gagliano, Department Chair

Theatre and Speech Faculty:

Professor: Patrick Gagliano

Assistant Professor: Matthew Fuller

Adjunct Faculty: K. Douglas Cook

Communication is an important part of the human experience, from the transmission of culture, to the passing of urgent information. Insights into human experience are gained as students complete course work. Students are also provided with tools for better communication through the teaching of marketable skills useful for graduates in any field of study.

Courses in Theatre & Speech teach future professional communicators in the fields of traditional theatre arts and speech communication. Students from associated majors whose future career will require proficiency in public speaking, oral communication, performance, and the practice of persuasive communication will benefit from departmental involvement. A minor in Speech or Theatre will compliment any major, especially Art, Communications, Education, English, Music, Philosophy, Political Science, or Religion. In addition to providing technical proficiency for future professionals, departmental faculty also strive to help students become ethical artists and communicators.

Not only do students experience the liberal arts and artistic views provided by our program, the use of technology is stressed in our major through intensive, one-on-one classroom experiences with professionals who take the time to stay current in their fields. Public speaking students are offered situations that will benefit them beyond the classroom experience. Acting students perform in a variety of different genres of theatre, and technical theatre students use equipment compatible with professional industry standards.

The emphasis on technology in the department means that students receive a combination of basic technique combined with new technology. All students in the department take a basic Core of classes in addition to the standard College Core. The department core classes form a foundation including history and theory, performance, design, and public speaking.

Upon successful completion of a major in Theatre graduates will possess:

- (1) individual talents in both performance studies and technical theatre;
- (2) knowledge and skills necessary to achieve positions in theatre and performance-related fields;
- (3) a strong experience-based background in theatre;
- (4) foundations for graduate study in theatre and/or speech;
- (5) enhanced interpersonal, group communication, organizational, listening and evaluative skills that will serve the graduate in many aspects of life after Newberry College.

Departmental majors are required to participate in all departmental theatre audition sessions and to accept acting or production staff assignments for each College Theatre production.

FACILITIES:

The Theatre & Speech area has excellent facilities open to students during each year of their enrollment. These facilities are designed to be used by all Newberry College students as early as possible in their college careers, and are not restricted to advanced-level students or departmental majors and minors. The facilities include the Wiles Chapel Theatre, the Gerding Computer Lab, Center for Theatrical and Visual Arts (a complete scene shop), the Langford Studios (television studio where the Department of Communications is located), a graphic design lab co-located with the Department of Art, and several alternate spaces both on and off campus.

DEPARTMENT CONCENTRATIONS:

Each student majoring in Theatre & Speech will choose one or more concentrations to complete. A concentration within the major prepares a student for work in that field, while still offering a generalist approach to the study.

Each concentration within the Theatre Major requires **46 semester hours**.

I. THEATRE MAJOR - ACTING Concentration (46 semester hours required)

- 3 hours: THE 101 *Acting I*
- 2 hours: THE 103 *Stagecraft*
- 1 hour: THE 104 *Stagecraft Lab*
- 3 hours: THE 111, 112, 121 *Theatre Production – Performance (1, 1, 1)*
- 1 hour: THE 113 *Theatre Production – Technical*
- 3 hours: THE 301 *History of the Theatre*
- 3 hours: SPE 202 *Voice and Diction*
- 3 hours: SPE 204 *Oral Interpretation*
- 3 hours: THE 202 *Acting II* OR THE 305: *Acting III*
- 3 hours: THE 212 *Acting for the Camera*
- 1 hour: THE 295 *Internship*
- 3 hours: THE 231 *Stage Makeup*

17 hours from the following: THE 110, 114, 122, 123, 124, 131, 132, 133, 134, 141, 142, 143, 144, 202, 203, 204, 232, 242, 296, 302, 303, 305, 395, 396, 402, 481, 491, 492; SPE 481, 482, 491, 492; ENG 337, 365; COM 110, 121; ART 161.

II. THEATRE MAJOR - DIRECTING Concentration (46 semester hours required)

- 3 hours: THE 101 *Acting I*
- 2 hours: THE 103 *Stagecraft*
- 1 hour: THE 104 *Stagecraft Lab*
- 2 hours: THE 111, 112 *Theatre Production – Performance (1, 1)*
- 2 hours: THE 113, 114 *Theatre Production – Technical (1, 1)*
- 3 hours: THE 301 *History of the Theatre*

- 3 hours: SPE 202 *Voice and Diction*
- 2 hours: THE 242 *Stage Management*
- 3 hours: THE 302 *Scenic Design*
- 3 hours: THE 303 *Stage Lighting and Lighting Design*
- 3 hours: THE 402 *Direction and Rehearsal*
- 1 hour: THE 295 *Internship*

18 semester hours from the following: THE 110, 121, 122, 123, 124, 131, 132, 133, 134, 141, 142, 143, 144, 202, 203, 204, 212, 231, 232, 296, 305, 395, 396, 481, 491, 492; SPE 204, 310, 481, 482, 491, 492; ENG 337, 365; COM 101, 110, 121; ART 161, 221.

III. THEATRE MAJOR - TECHNICAL Concentration (46 semester hours required)

- 3 hours: THE 101 *Acting I*
- 2 hours: THE 103 *Stagecraft*
- 1 hour: THE 104 *Stagecraft Lab*
- 1 hour: THE 111 *Theatre Production – Performance*
- 4 hours: THE 113, 114, 123, 124, *Theatre Production – Technical (1, 1, 1, 1)*
- 3 hours: THE 301 *History of the Theatre*
- 2 hours: THE 242 *Stage Management*
- 3 hours: THE 302 *Scenic Design*
- 3 hours: THE 303 *Stage Lighting and Lighting Design*
- 2 hours: THE 203 *Stagecraft II*
- 1 hour: THE 204 *Stagecraft II Lab*
- 3 hours: ART 221 *Beginning Drawing*
- 1 hour: THE 295 *Internship*

(Continued next page)

17 semester hours from the following: THE 110, 112, 121, 122, 131, 132, 133, 134, 141, 142, 143, 144, 202, 212, 231, 232, 296, 305, 395, 396, 481, 491, 492; SPE 204, 310, 481, 482, 491, 492; ENG 337, 365; COM 101, 110, 121; ART 161.

Minor Requirements – Speech (15 hours)

3 hours: SPE 202 *Voice and Diction*
3 hours: SPE 204 *Oral Interpretation*
9 hours: from any other SPE course
(*except SPE 110*); THE 101; PHI 110; COM 110, 121.

Minor Requirements – Theatre (20 hours)

3 hours: THE 101 *Acting I*
2 hours: THE 103 *Stagecraft*
1 hour: THE 104 *Stagecraft Lab*
1 hour: THE 111 *Theatre Production – Performance*
1 hour: THE 113 *Theatre Production – Technical*
3 hours: THE 301 *History of the Theatre*
9 semester hours from any other THE or SPE course (*except SPE 110*);
ENG 337, 365; COM 110, 121; ART 161.

Core Curriculum

The following Theatre and Speech courses meet Core Curriculum requirements:
SPE 110, *Public Speaking*, satisfies Core requirements for Communications Skills, Area B-1.
SPE 204, *Oral Interpretation*, satisfies Core requirements for Humanities, Area C-2.
THE 101, *Acting I*; THE 110, *Theatre Appreciation*; THE 301, *History of the Theatre*; and
THE 481, *Topics in Theatre*, satisfy Core requirements for Fine Arts, Area C-3.

Laboratory/Materials Fees

Fees are charged each semester for each of the following courses:
A \$50 fee is charged for each of these courses: THE 104, 204, 232.
A \$75 fee is charged for THE 212, 231, 302.
A \$50 fee is charged for THE 303.

Course Descriptions-Speech

SPE 110. Public Speaking. (3)

Prerequisite: ENG III.

An exploration and practice of the fundamental principles of oral communication in regards to public speaking. Interpersonal skills, organizing ideas into messages, and speaking dynamically and with purpose are major components of the class. Students learn the process of communication as an active, dynamic cycle and the relationship between a positive attitude and effective oral communication. Informative, impromptu, extemporaneous and persuasive speaking are included.

Required in the Core Curriculum. Speech 110 satisfies Core Curriculum requirements in Communication Skills, Area B-1.

Offered every semester.

SPE 202. Voice and Diction. (3)

Study, description, and development of breathing techniques, vocal production, articulation, expressiveness, and Standard American Speech through the use of the International Phonetic Alphabet. Oral readings from literature are prepared and presented as part of class. *Recommended for non-majors, especially for Communications majors.*

Offered fall semester, odd-numbered years.

SPE 203. Argumentation. (3)

Prerequisite: SPE 110.

Critical analysis of and response to reasoning used in oral and written arguments. Students engage in debates and examine logical strengths and weaknesses of claims appearing in a variety of media.

Offered at departmental discretion.

SPE 204. Oral Interpretation: The Study of Literature through Performance. (3)

A study of significant religious and secular literature as expressions of human culture. After thorough analysis, the student performs prose, poetry and/or dramatic literature, creating his or her own expression of human culture. Emphasis will be placed on the understanding and appreciation of literature and how that understanding can be communicated to an audience. Attendance at on-campus and off-campus performance events may be required.

Speech 204 satisfies Core Curriculum requirements in Humanities and Fine Arts, Area C-2.

Offered spring semester, even-numbered years.

SPE 310. Advanced Public Discourse. (3)

Prerequisite: SPE 110.

A continuation of the development of basic public speaking skills. Students gain knowledge and experience in select areas of public speaking including: listening, research, interview communication, group communication, and other oral communication skills relevant to professional environments.

Offered at departmental discretion.

SPE 481, 482. Seminar in Speech. (3, 3)

An intensive study of a selected area in speech; topics to be selected in accordance with the needs of speech students. The following seminar titles are offered as examples: Performance Studies, Chamber Theatre, Interview Communication.

Offered at departmental discretion.

SPE 491, 492. Independent Study. (1-3, 1-3)

Independent study of an area or problem of speech to be selected in consultation with department staff.

Subject to rules and regulations on page 56.

Offered at departmental discretion.

SPE 495, 496. Internship. (1-3, 1-3)

Prerequisite: SPE 110.

Internships or practical experience in an approved program of study.

Subject to rules and regulations on page 57.

Offered every semester.

Course Descriptions-Theatre

THE 101. Acting I. (3)

Development of basic acting skills and techniques with the focus on freedom, spontaneity, concentration, and truthful response. Through analysis and scene work, students gain a deeper understanding of particular works of dramatic literature and the expressions of human culture provided by the playwrights. Students are required to develop skills and attitudes related to the fulfilling use of leisure time by viewing both on-campus and off-campus theatrical productions.

Theatre 101 satisfies Core Curriculum requirements in Fine Arts, Area C-3.

Offered fall semester.

THE 103. Stagecraft. (2)

Co-requisite: THE 104

A study of modern technical staging methods and equipment as they relate to the construction of stage scenery and properties, stage lighting and sound reinforcement. **Stagecraft MUST be taken during the same semester as THE 104 – Stagecraft Lab.**

Offered fall semester.

THE 104. Stagecraft Lab. (1)

Co-requisite: THE 103

The **application** of modern technical staging methods and equipment as they relate to the construction of stage scenery and properties, stage lighting and sound reinforcement. This class meets for three laboratory hours per week. **Stagecraft Lab MUST be taken during the same semester as THE 103 – Stagecraft.**

A fee of \$50 is charged.

Offered fall semester.

THE 110. Theatre Appreciation. (3)

An analysis and application of various aspects of the Theatre from its beginnings to the present, including a study of various works of dramatic literature. Through the works of significant playwrights, Theatre, as a form of art, is defined and related to expressions of human culture and to other arts. Attendance at both on-campus and off-campus productions and practical involvement in activities of the Department of Theatre may be required. Recommended for non-majors.

Theatre 110 satisfies Core Curriculum requirements in Humanities and Fine Arts, Area C-3.

Offered every semester.

THE 111, 112, 121, 122, 131, 132, 141, 142. Theatre Production-Performance.

(1,1,1,1,1,1,1,1)

Open to all students by audition. Students participate in an acting capacity in departmental productions. Attendance at evening rehearsals and performances is required.

Offered every semester.

THE 113, 114, 123, 124, 133, 134, 143, 144. Theatre Production-Technical.

(1,1,1,1,1,1,1,1)

Open to all students. Students participate in a technical capacity within the department. Students accept production staff assignments. Attendance at evening rehearsals and performances may be required.

Offered every semester.

THE 202. Acting II. (3)

Prerequisite: THE 101 or permission of instructor.

A continuation of the development of basic acting skills through advanced analysis and scene study units. Students gain a deeper understanding of particular works of dramatic literature and the expressions of human culture provided by the playwrights. Students are required to develop skills and attitudes related to the fulfilling use of leisure time by viewing both on-campus and off-campus theatrical productions.

Offered fall semester; even-numbered years.

THE 203. Stagecraft II. (2)

Co-requisite THE 204

A continued development of skills and techniques learned in *Stagecraft*. Additional experience and training in stage lighting control, construction techniques, or other specific technical theatre topics may be included. **Stagecraft II MUST be taken during the same semester as THE 204 – Stagecraft II Lab.**

Offered spring semester.

THE 204. Stagecraft II Lab. (1)

Co-requisite THE 203; Prerequisites: THE 103 & THE 104 or permission of Instructor

A major production involvement in a leadership capacity such as Crew Chief, Master Carpenter, or Master Electrician as well as construction support for departmental productions. **Stagecraft II Lab MUST be taken during the same semester as THE 203 – Stagecraft II.**

A fee of \$50 is charged.

Offered spring semester.

THE 212. Acting for the Camera. (3)

Prerequisite: THE 101 or permission of instructor.

An examination and exploration of specialized acting techniques used for performance in the mediums of television and/or film in a variety of scene work and experimental activities. Students will not only perform, but also serve as technical crew for in-class productions. Rehearsal and studio work in addition to class time is required. Students will receive a video recording of their work.

A materials fee of \$75 is charged to help cover the maintenance of the production equipment.

Offered spring semester, odd-numbered years.

THE 231. Stage Makeup. (3)

A study of the principles and methods of stage makeup. Included will be makeup for various periods and styles of theatre. Students will learn straight stage makeup, stage violence makeup and old-age makeup among other topics. Application-based course allows students to practice makeup designs during each class period.

A materials fee of \$75 is charged to purchase required personal makeup kit.

Offered at departmental discretion.

THE 232. Stage Costuming. (3)

A study of the principles and methods of costume design and the practical realization of stage costuming. Students receive instruction in the areas of design considerations, script analysis, historical period research, costume rendering techniques, and the practical realization of stage costume designs.

A materials fee of \$50 is charged.

Offered at departmental discretion.

THE 242. Stage Management. (2)

An introduction to the art of stage management emphasizing the principles, techniques, and established procedures of stage management. Professional and educational stage management techniques and procedures will be explored. Practical application of concepts to production work required.

Offered at departmental discretion.

THE 295, 296, 395, 396. Theatre Internship. (1, 1, 1, 1)

Laboratory experience in theatre production skills. Individual projects to be selected in consultation with departmental faculty.

Offered every semester.

THE 301. History of the Theatre. (3)

A study of the development of all phases of theatre and drama from the ancient Greeks to modern times. Emphasis is placed on research skills and the analysis of plays within their historic context.

Theatre 301 satisfies Core Curriculum requirements in Fine Arts, Area C-3.

Offered fall semester, odd-numbered years.

THE 302. Scenic Design. (3)

Prerequisite: ART 161 Graphic Design or permission of instructor.

A study of the principles, methods, and tools of modern science design. Students receive instruction in the areas of design considerations, script analysis, the function of scene design, drafting, and rendering techniques. Additionally, students receive instruction in the area of computer-aided design.

A materials fee of \$75 is charged.

Offered spring semester, odd-numbered years.

THE 303. Stage Lighting and Lighting Design. (3)

A study of the principles, methods, and tools of modern stage lighting design. Students receive instruction in the areas of design considerations, script analysis, the function of stage lighting, light rendering and the use of the computer as a tool for the lighting designer. Additionally students receive further training in the use of lighting equipment.

A materials fee of \$50 is charged.

Offered spring semester, even-numbered years.

THE 305. Acting III. (3).

Prerequisite: THE 101 or permission of instructor.

Further development of acting skills through advanced scene study units. Period styles, monologue and audition techniques may be included. A deeper understanding of particular works of dramatic literature and the expressions of human culture provided by the playwrights are major components of THE 305. Students are required to develop skills and attitudes related to the fulfilling use of leisure time by viewing both on-campus and off-campus theatrical productions.

Offered fall semester, even-numbered years.

THE 402. Direction and Rehearsal. (3)

Prerequisites: THE 101, THE 111, and THE 113.

Theatre as an art form, communication with the actors, production concept, and rehearsal processes are discussed and applied to develop an overall sense of direction for the student director. Training includes student-directed scene work and one-act plays. Public performances of directing projects are part of the class.

Offered spring semester, odd-numbered years.

THE 481. Topics in Theatre. (3)

An investigation of a select aspect of theatre as a form of art. The following titles are offered as examples of topics for the course: Improvisation, Dialects for the Stage, Scenic Painting. Before registering for THE 481, students should contact the instructor and find out the topic for the course.

Theatre 481 satisfies Core Curriculum requirements in Humanities and Fine Arts, Area C-3.

Offered at departmental discretion.

THE 491, 492. Independent Study. (1-3, 1-3)

Independent study of an area or problem of the theatre to be selected in consultation with department faculty.

Offered at departmental discretion. Subject to rules and regulations on page 56.

ADMINISTRATION, FACULTY, AND STAFF

ADMINISTRATION AND STAFF 2010-2011

The date shown in parentheses is the year in which the person joined the College staff. A second date indicates the year in which the person assumed the present administrative position.

(Information is correct as of July 9, 2010.)

OFFICE of the PRESIDENT

VENARD SCOTT KOERWER, President of the College (2010);

B.A., Muhlenberg College, Allentown, PA, 1988;

M.A., Lehigh University, Bethlehem, PA, 1990;

Ed.D., University of Pennsylvania, Philadelphia, PA, 2001;

Graduate, Advanced Executive Program, The Kellogg School of Management,
Northwestern University, Evanston, IL 2006.

BOBBIE H. SIDES, Executive Assistant to the President (1974, 1994);

B.S., Newberry College, 1980.

ACADEMIC AFFAIRS

WAYNE C. KANNADAY, Vice President for Academic Affairs, (1999, 2007);

B.A., Newberry College, 1975;

M. Div., Lutheran Theological Southern Seminary, 1979;

M.A., University of South Carolina, 1993;

Ph.D., University of North Carolina, 2002.

GORDON C. HENRY, Professor Emeritus of Communications; College Archivist, (1969, 1996);

B.A., University of Northern Iowa, 1953;

M.A., University of Iowa, 1960;

Litt.D. (Honorary), Newberry College, (2005).

DONALD W. JOHNSON-TAYLOR, Associate Vice President, Assessment,

Accreditation & Institutional Research (2006, 2008);

Director of Disability Support Services, (2006);

B.S., State University of New York, 1966;

B.S., State University of New York, 1968;

M.B.A., University of Michigan, 1972;

Ph.D., University of Michigan, 1974.

JESSICA S. LONG, Executive Assistant to the Vice President for Academic Affairs,

Supervisor of Academic Administrative Assistants, (2002).

SUSANNE NELSON, Assistant Director of Assessment & Institutional Research (2005, 2008);

B.S., University of South Carolina, 1995.

Academic Skills Center/Writing Center

KAY F. CHANDLER, Director, Academic Skills Center; Director of Retention (2008);

B.S., University of South Carolina, 1986;

Sports Management Institute, University of Notre Dame, 2001.

Academic Administrative Assistants

GEORGANNA ENLOW, Administrative Assistant For Music (2006).

DENISE HATCH, Administrative Assistant for Education (2010).

KIM O'DELL, Administrative Assistant for McClurg and Physical Education (2007).

LINDA WILBANKS, Administrative Assistant for Nursing and Science and Math (2007).

Adult Education-*fast*FORWARD Program

C. Jessie Long, Director of Adult Education (2007, 2009)
B.A., University of South Carolina – Aiken, 2004.

Library Administration and Staff

LAWRENCE E. ELLIS, Director of Library Services; Associate Professor of Library Science (1992);
B.A., Florida Atlantic University, 1969;
M.S., Florida State University, 1970.

SHAMEKIA BELL, Public Services Assistant (2008).

CLETA E. DUNAWAY, Associate Director of Library Services:
Technical Services; Instructor of Library Science (1994);
B.A., North Carolina State University, 1965;
M.L.S., University of South Carolina, 1976.

JANICE C. HUDSON, Technical Services Assistant (1997).

SANDRA L. SMITH, Administrative Assistant to Director of Library Services (1997, 2006);
B.A., Newberry College, 2008.

KATHRYN SNEDIKER, Associate Director of Library Services: Public Services and Instructional
Technology; Instructor of Library Science (2008);
B.A., University of Virginia, 1999;
M.L.I.S., University of South Carolina, 2007.

Office of the Registrar

CAROL A. BICKLEY, Registrar (1968, 1983).

CINDY F. SHEALY, Assistant Registrar (1977, 1989).

NANCY WARREN, Administrative Assistant/ CACP Records Coordinator, (1987, 2010);
B.A., Newberry College, 2000.

Science Lab

MARCUS JOHNSON, Science Lab Manager (2008);
B.S., North Carolina State University, 2005;
M.S., Georgia Institute of Technology, 2008.

Values Based Learning Program

JOSEPH A. MCDONALD, Director of Values Based Learning Program,
Associate Professor of Sociology, (2006);
B.A., 1970; M.A., University of Georgia, 1975;
Ph.D., University of Tennessee, 1981.

BUSINESS AFFAIRS

DEXTER ODOM, Vice President of Business Affairs, (2008; 2009);
B.S., Newberry College, 1973.

DINAH BOICE, Assistant to the Director of Operations & Procurement/Receptionist (2001, 2010).

BETTY FRANKLIN, Executive Assistant to the Vice President for Business Affairs (2002).

MARK JOHNSON, Director of Operations & Procurement (2009);
B.S. Virginia Tech, 1986;
M.B.A. Wake Forest Babcock Graduate School of Management, 1989.

Human Resources

DEBORAH L. PEAKE, Director of Human Resources (2001);
B.A., Baldwin Wallace College, 1990.

JAMEEKA GOODE, Human Resources Generalist (2009).

KYRSTAL THOMPSON, Payroll and Benefits Coordinator (2009).

Accounting

LANDEE BUZHARDT, Director of Accounting (2005, 2006);
B.S., Newberry College, 1991;
USC, South Carolina Banker's School, 2000.
BETTY CONNELLY, Accounts Payable Coordinator (2002).
DEBORAH E. JARMAN, Accounts Receivable Coordinator (1998, 2007);
A.A., Goldey Beacom College, 1975.
ANN B. WICKER, Accounting Assistant (1977).

Information Technology

FRANK CATUCCI, Director of Information Technology, (2009);
CNA, CCS, 2001;
CCA, New Horizons, 2002;
CISSP, International Information Systems Consortium, 2007.
DAVID HAYES, Help Desk (2010);
Associate in Computer Science, Darlington College, 1994.
KEN HONAKER, Assistant Director of Information Technology, (2008);
Associate in Computer Science, ECPI, 2006.

ENROLLMENT MANAGEMENT

JULIE M. NELSON, Senior Director of Enrollment Management (2009, 2010);
B.S., Erskine College, 1995.

Enrollment Management/Admissions-Financial Aid

TONYA DEESE-JETER, Associate Director of Admissions (2008, 2010);
B.S., Newberry College, 2006.
WHITNEY P. MOORE, Assistant Director of Admissions (2008, 2010);
B.A., University of South Carolina-Aiken, 2008.
A. ELIZABETH SHULER, Admissions and Financial Aid Counselor (2010);
B.A., Newberry College, 2009.
CRYSTAL H. STOCKMAN, Communications Coordinator (1995, 2000);
Associates Degree, Piedmont Technical College, 1980.
VICKI D. WHEATLEY, Executive Assistant for Enrollment Management, (2007, 2010);
B.S., Winthrop University, 1973.
DIANE E. ZIMMERMAN, Assistant Director of Admissions for Marketing (2008, 2010);
B.A., Valdosta State University, 2006.

Enrollment Management/Financial Aid

MELISSA A. LUTZ, Director of Financial Aid/Enrollment Systems Director;(2001, 2008);
B.S., Newberry College, 2001;
M.B.A., Webster University, 2008.
SANDRA "DANIELLE" M. BELL, Financial Aid Counselor (2005, 2007);
B.S., Lander University, 2005.
DANIELLE N. BURNSIDE, Financial Aid Counselor (2007, 2008).
SUSAN L. PAGE, Junior Financial Aid Counselor (2008, 2010);
B.A., Troy University, 2006.

INSTITUTIONAL ADVANCEMENT

- CHARLES WENDT, Vice President for Institutional Advancement (2006);
B.S.B.A., University of Denver, 1965;
M.B.A., University of Denver, 1968.
- JASON T. BOICE, Director of Institutional Advancement, (2005, 2008);
B.S., University of North Alabama, 2005.
- JOHN D. DERRICK, Director of Alumni and Church Relations (2007);
B.A., Newberry College, 1983;
M.Div., Lutheran Theological Southern Seminary, 1988.
- MICHELLE T. HARDY, Director of Planned Giving and Grants (2004);
B.A., Pennsylvania State University, 1997;
J.D., University of South Carolina Law, 2000;
Certified Grants Specialist, 2004.
- SHARON J. LACKEY, Director of Marketing and Public Relations (2007);
B.A., San Diego State University, 1986.
- REBECCA LIPPARD, Associate Director of Alumni Relations (2008);
B.A., University of South Carolina, 2008.
- NELLIE A. MORRIS, Coordinator for Institutional Advancement, Alumni and Church Relations (2006).
- AMY L. PATTERSON, Senior Coordinator for Institutional Advancement (2008).
- MARTHA WINDSOR, Manager Media Relations (2009);
B.A. Southern Methodist College, 1978.

Langford Communications Center and Media Services

- MARSHALL MADDY, Director, Langford Communication Center and Media Services (1992, 2008);
B.A., Iowa State University, 1983;
M.A., Drake University, 1991.
- JUSTIN P. SMITH, Production Manager (2004);
B.A., Newberry College, 2001.

STUDENT AFFAIRS

- CARL WILLIAM HORN, Vice President for Student Affairs/Dean of Students (2008);
B.S., United States Military Academy, 1976;
M.A., University of North Carolina, Chapel Hill, 1986.
- KAY BANKS, Assistant Dean of Students (2006);
B.A., Carson-Newman College, 1992;
M.S., University of Tennessee, 2002.
- JOSH BARNES, Director of Residence Life (2007);
B.B.A., North Georgia College and State University, 2004;
M.Ed ., University of West Florida, 2006.
- RAKIYA BEARDEN, Residence Life Coordinator (2009);
B.S., University of South Carolina, 2007.
- CAROL BRIDGHAM, Post Office Manager (2005).
- JANALEE SMITH, Director of Orientation and Retention (2009, 2010);
B.A., Columbia International University, 1997;
M.S., Columbia International University, 2000.

KIM FRANKLIN, Director of Career Services (2010);
B.A., University of Richmond, 1988;
M.A., Long Island University, 1996.
JASON OVERCASH, Residence Life Coordinator and Intramurals Coordinator, (2008);
B.S., Southern Wesleyan University, 2007.
KYLE SMILEY, Residence Life Coordinator (2009);
B.S., Electrical Engineering, Clemson University, 2009.
MELISSA TURCO, Director of Student Activities (2009);
B.A., Berry College, 2007;
M.Ed., University of South Carolina, 2009.
JESSICA TAYLOR, Executive Assistant to the Vice President for Student Affairs (2010);
B.A., Columbia International University, 1997;
M.S., Columbia International University, 2000.

Wellness Services

MARTHA DORRELL, ACSW, Director of Wellness Services (2006);
LISW Counseling Services;
B.A., Newberry College, 1982;
M.S.W., University of South Carolina, 1984.

Campus Ministry

ERNEST W. Worman III, Rev., Campus Chaplain (2008);
B.G.S., Humanities, Chaminade University of Honolulu, 1984;
M. Div., Lutheran Theological Seminary at Gettysburg, 1988.

ATHLETICS ADMINISTRATION

BRAD EDWARDS, Vice President for Intercollegiate Athletics/Director of Athletics (2009);
University of South Carolina, 1988.
SHARON BRYANT, Coordinator of Athletic Club (2006);
A.S., Piedmont Technical College, 1996.
MATTHEW FINLEY, Assistant Athletic Director for Business (2005);
B.S., Clemson University, 2004;
M.S.S.L. , Duquesne 2008.
MIKE HOLD, Executive Director of Athletic Club (2009);
B.A., University of South Carolina, 1985.
JOSH MANCK, Sports Information Director (2006);
B.A., Austin College, 2005.
ROBIN MULLER, Associate Athletic Director for Compliance and Student Services, Senior Woman
Administrator (2009);
B.A., Kenyon College 1985;
M.S., Georgia Southern University 1988.
KITTY ODOM, Executive Assistant to the Director of Intercollegiate Athletics (2009);
TIM RATH, External Operations Intern (2009);
B.S., Wisconsin-LaCrosse, 2009.
BRICE ZIMMERMAN, Sports Information Assistant/Creative Services (2007);
B.A., Valdosta State University, 2005.

Baseball

RUSSELL TRIPLETT, Head Baseball Coach (2010);

B.A., Clemson University, 2004.

TOMMY WILLIAMS, Assistant Baseball Coach (2009);

University of South Carolina, 1981.

JAY SNYDER, Assistant Baseball Coach (2008);

B.A., LaSalle University, 2004.

Basketball

DAVE DAVIS, Head Men's Basketball Coach (2010);

Warren Wilson College, 1983.

JUSTIN FURR, Assistant Men's Basketball Coach (2010);

Wingate University, 1999.

SEAN PAGE, Head Women's Basketball Coach (2008);

B.S., University of the Sunshine Coast, 2003.

JOHN LESAINE, Assistant Women's Basketball Coach (2009);

B.A., Newberry College, 2007;

M.S., Valdosta State University, 2009.

Cross Country

SHAWN MCCULLION, Head Cross Country Coach (2010);

B.S., Emerson College 1997.

Football

TODD KNIGHT, Head Football Coach, Defensive Coordinator (2003, 2009);

B.S., Gardner-Webb University, 1989;

M.A., Gardner-Webb University, 1994.

IKE ALLRED, Director of Football Operations, Recruiting Coordinator, Wide Receivers Coach (2001);

B.S., Newberry College, 1998.

ZACH ELLIS, Running Backs Coach (2009);

B.A., Presbyterian College, 2005.

STEPHEN FLYNN, Outside Linebackers Coach (2003);

A.A., University of South Carolina-Lancaster, 1994;

B.A., Newberry College, 2006.

ANATHAN GIBSON, Defensive Backs Coach (2008);

B.S., Newberry College, 2006.

MITCH HALL, Defensive Line Coach (2009);

Western Carolina, 2003.

JEREMIAH JONES, Inside Linebackers Coach (2009);

B.S., Newberry College, 1998.

KEVIN TURCO, Offensive Line Coach (2006);

B.A., Western New England College, 1998;

M.Ed., University of Saint Mary, 2003.

TODD VARN, Assistant Football Coach, Offensive Coordinator, Quarterbacks (2007);

B.S., North Carolina State, 1992.

Golf

BRIAN McCANTS, Head Men's Golf Coach, (2004);

B.S., Ferris State University, 1994.

LAUREN McCANTS, Head Women's Golf Coach (2007);

B.A., Yale University, 2005.

Soccer

KARRIE MILLER, Head Women's Soccer Coach (2008);

B.A., Erskine College, 1990;

M. Ed., Gardner - Webb University, 1992.

SAM OKPODU, Head Men's Soccer Coach (2004);

B.A., North Carolina State University, 1987.

ELIZABETH METHERELL, Assistant Women's Soccer Coach (2010);

B.S., University of Georgia, 2005;

M.S., University of Georgia, 2010.

Softball

JOE ELSTON, Head Softball Coach, (2004).

JADIE COATES, Assistant Softball Coach (2010);

B.S., Newberry College 2002.

Tennis

CATHERINE DUNAGAN, Head Women's Tennis Coach (2010);

B.S., Presbyterian College 2007.

FELIPE SOBRINHO, Head Men's Tennis Coach (2010);

B.S., Newberry College 2009.

Volleyball

DAVID NICHOLSON, Head Volleyball Coach,(2008);

B.S., Western Carolina, 2005;

M.A., Union College, 2006.

Wrestling

JASON J. VALEK, Head Wrestling Coach, (2004);

B.S., Clemson University, 1998.

MATTHEW FINLEY, Assistant Wrestling Coach, (2005);

B.S., Clemson University, 2004.

KELLY REVELLS, Assistant Wrestling Coach, (2005);

Eastern Illinois University.

Cheerleading

KRISTEN REGENSCHEIT, Head Cheerleading Coach, (2008);

B.S., University of South Carolina, 2009.

Athletic Trainers

DREW HAMBLIN, Head Athletic Trainer (2010);

B.S. University of Wisconsin, 2007;

M.Ed., University of Arkansas, 2009.

RACHEL GEOGHEGAN, Assistant Athletic Trainer, (2008);

B.S., Erskine College, 2006;

M.A., Clemson University, 2008.

CONTRACT SERVICES

Campus Security (AlliedBarton)

PAUL WHITMAN, Chief of Security, (2009);
SC Criminal Justice Academy, 1981;
Ministerial Development, Lee University School of Ministry, 2008.

Custodial Services (Aramark) TBA

Dining Services (Aramark)

ZEB KNIGHT, General Manager, (2010).
BRIAN WAYNE, Chef Manager (2010).

Newberry College Book Store (Follett Higher Education Group) Bookstore Manager, TBA

Physical Plant (Aramark)

FRED ERRIGO, Director of Facilities, (2010).
BOBBY LONG, Assistant Director of Facilities, (1973, 2010).
MURRIEL SHEALY, Administrative Assistant to Facilities Director/Facilities Coordinator, (1991, 2010).

MILITARY SCIENCE (ARMY ROTC) INSTRUCTORS

LTC SHANE BAKER, Professor Military Science (2009).
CPT LAWRENCE CARRIGAN, Assistant Professor Military Science (2008).
TBA, Senior Military Science Instructor.

FULL-TIME FACULTY

The date shown in parentheses represents the year in which the faculty member joined the College Faculty.

PEGGY L. BARNES-WINDER, Professor of Physical Education, Department Chair (1990);
B.A., Newberry College, 1987;
M.S., Western Kentucky University, 1988;
Ph.D., Touro University International, 2006.

MIKE RANDAL BEGGS, Associate Professor of Religion, Department Chair (2002);
B.A., 1982; BSE, 1983, Abilene Christian University;
B.S.Ed.; M.Div., Yale University, 1990;
Ph.D., University of Notre Dame, 1999.

CAROL BLACK, Assistant Professor of Sociology (2008);
B.A., Purdue University, 1997;
M.S., Purdue University, 2000;
Ph.D., Purdue University, 2008.

LILLIAN M. BOUKNIGHT, Assistant Professor of Nursing (2008);
Diploma in Nursing, Greenville, SC Hospital School of Nursing, 1963;
BSN, University of North Carolina-Charlotte, 1988;
MSN, University of South Carolina, 2000.

DALE KINARD BROWN, Associate Professor of English (1991);
B.A., Newberry College, 1966;
M.A., Western Carolina University, 1970.

JOHN CARENEN, Director of the Writing Center and Assistant Professor of English (2006);
B.A., University of Iowa, 1973;
M.F.A., University of Iowa, 1976;
M.A., Appalachian State University, 1985.

SALLY CHERRINGTON BEGGS, Associate Professor of Music, Department Chair (2000);
B.Mus., Susquehanna University, 1981;
M.Mus., 1990, M.M.A., 1991, Yale University;
D.M.A., Yale University, 1994.

BRET A. CLARK, Associate Professor of Biology (1995);
B.S., Furman University, 1988;
Ph.D., Medical College of Georgia, 1995.

GREGORY K. COLE, Associate Professor of Spanish (2002);
B.A., University of Toledo, 1985;
M.A., Miami University of Ohio, 1987;
Ph.D., University of Kentucky, 1993.

CARLA M. CRUICKSHANKS, Assistant Professor of Physical Education (2010);
B.S., Newberry College, 2002;
M.S., Nova Southeastern University, 2005;
Ed.D., Walden University, ABD (2010).

REBEKAH DIXON, Assistant Professor of Physical Education (2004);
B.S., Western Carolina University, 2000;
M.S., Winthrop University, 2003.

TIMOTHY G. ELSTON, Associate Professor of History, Department Chair (2005);
B.A., Abilene Christian University, 1989;
B.A., Western Oregon University, 1997;
M.A., University of Nebraska-Lincoln, 1999;
Ph.D., University of Nebraska-Lincoln, 2004.

MATTHEW FULLER, Associate Professor of Theatre (2005);
B.A., Wake Forest University, 2001;
M.F.A. Design, University of North Carolina at Greensboro, 2005.

JOESEPH W. FRANKLIN, Professor of Business Administration, Department Chair (2010);
B.S., Mars Hill College, 1973;
M.A., Appalachian State University, 1975;
Ed.S., Western Carolina University, 1991;
Ed.D., East Tennessee State University, 1994.

PATRICK GAGLIANO, Professor of Theatre/Speech, Department Chair (1994);
B.A., University of South Florida, 1985;
M.F.A., Florida State University, 1991.

STEVEN GILBERT, Assistant Professor of Literature (2007);
B.S., 1996; M.A., 2000, Bob Jones University;
Ph.D., University of South Carolina, 2006.

ALLYSS HAECKER, Assistant Professor of Music (2010);
B.A., Converse College, 2001;
M.M., University of Illinois, 2003;
Ph.D., University of Iowa, ABD.

LEIGHTON HARTZOG, Assistant Professor of Business Administration (2002);
B.A., Wofford College, 1971;
M.B.A., University of South Carolina, 1980;
CPA, State of South Carolina.

GRETCHEN HASKETT, Assistant Professor of Physical Education (2007);
B.S., Newberry College, 2003;
M.S., Tennessee Technological University, 2004.

CHRISTIAN HIPPEL, Assistant Professor of Philosophy (2007);
B.A., North Greenville College, 1998;
M.Div., Southern Theological Seminary, 2002;
M.A., University of Louisville, 2003;
Ph.D., University of South Carolina, 2009.

CHARLES N. HORN, Professor of Biology, Department Chair (1986);
B.S., George Mason University, 1978;
M.S., Ohio State University, 1980;
Ph.D., University of Alabama, 1985.

CINDY JOHNSON-TAYLOR, Associate Professor of Education, Department Chair (2006);
B.A., Winthrop University, 1988;
M.Ed., Winthrop University, 1990;
Ed.S., University of South Carolina, 1996;
Ph.D., University of South Carolina, 1999.

KRISTINA POPE KEY, Assistant Professor of English (2007);
B.A., John Brown University, 1994;
M.A., University of Tulsa, 1996;
Ph.D., University of Louisiana at Lafayette, 2003.

RANDALL KEY, Assistant Professor of Mathematics, Department Chair, (2007, 2010);
B.S., University of Arkansas, 1995;
M.S., University of Louisiana, 2001.

AL de LACHICA, Assistant Professor of Communications (2008);
B.J., University of Texas-Austin, 1990;
M.A., University of Texas-Austin, 1992.

- LAUREL LARSEN, Associate Professor of Music (2005);
B.M., Oberlin College, 1995;
M.M., Rice University, 1997;
D. M.A., University of South Carolina, 2007.
- JANET LONG, Assistant Professor of Music (1995);
B.M.E., Montana State University, 1975;
M.Ed., Montana State University, 1989.
- WILLIAM R. LONG, Associate Professor of Music, Director of Bands (1992);
B.S.Ed., Black Hills State (S.D.) University, 1965;
M.A., University of Northern Colorado, 1969.
- CATHERINE D. LOVETT, Assistant Professor of Biology (1994);
B.S., Southwest Missouri State University, 1983;
M.A., 1985, Temple University;
Ph.D., 1994, Temple University.
- CHRISTINA McCARTHA, Associate Professor of Chemistry (2003);
B.S., University of South Carolina, 1984;
Ph.D., Emory University, 1992.
- BETSY M. McDOWELL, Professor of Nursing, Department Chair (2007);
B.S.N., University of South Carolina, 1971;
M.S.N., University of North Carolina, 1975;
Ph.D., University of South Carolina, 1997.
- BARRY McGINNIS, Associate Professor of Music (2002);
B.S., Towson State, 1991;
M.M., East Carolina University, 1993;
D.M.A., University of Georgia, 2002.
- R. CODY McMURTRY, Assistant Professor of Physical Education (2002);
B.S., Newberry College, 2000;
M.A., Tennessee Technological University, 2001.
- WARREN S. MOORE, III, Associate Professor of English (2003);
B.A., Excelsior College, 1987;
M.A., University of Kentucky, 1992;
Ph.D., Ball State University, 2002.
- JENNIFER MORRISON, Assistant Professor of Education/Assistant Director, Center of Excellence (2010);
B.A., University of South Carolina, 1994;
M.A., University of Canterbury, 1997;
Ph.D. Candidate, University of South Carolina.
- BRUCE NELLSMITH, Professor of Art (1988);
B.F.A., University of Georgia, 1981;
M.F.A., University of North Carolina, 1985.
- SID PARRISH, Associate Professor of Chemistry (2006);
B.S., Furman University, 1995;
Ph.D., University of Florida, 2001.

- JODIE PEELER, Associate Professor of Communications (2001);
B.S., Lander University, 1995;
M.A., 1998 and Ph.D., 2001, University of South Carolina.
- PAULA RIDDLE, Associate Professor of Art (2005);
B.A., Lander University, 1986;
M.A.T., University of South Carolina, 1988.
- VIRGINIA RIDDLE, Assistant Professor of Early Childhood Education (2009);
B.A., University of South Carolina, 1974;
M.Ed. University of South Carolina, 1983;
Masters + 30, University of South Carolina, 2002.
- KARL ROHR, Assistant Professor of History (2006);
B.A., University of Montana, 1990;
M.A., Western Carolina University, 1994;
Ph.D., University of Mississippi, 2003.
- MARILYN DALLMAN SEYMOUR, Assistant Professor of English (2009);
B.A., University of North Carolina-Charlotte, 1977;
M.A., Old Dominion University, 1987;
Ph.D., University of Tulsa, 2006.
- MARILYN MAREK SCHROER, Associate Professor of Psychology (1999);
B.A., Graceland College, 1978;
M.S., Texas A&M University, 1981;
Ph.D., Texas A&M University, 1985.
- NATHAN A. SCHROER, Associate Professor of Psychology (1989);
B.A., Defiance College, 1964;
M.A., Ball State University, 1966;
Ed.D., University of Idaho, 1972;
Ph.D., Texas A&M University, 1985.
- STEVEN SCHWEIZER, Associate Professor of Political Science (2003);
B.S., Truman State University, 1971;
M.A., Truman State University, 1973;
Ph.D., University of Missouri—Columbia, 1984.
- JESSE L. SCOTT, Professor of History (1985);
B.A., Clemson University, 1979;
M.A., Clemson University, 1981;
Ph.D., University of South Carolina, 1985.
- GERALD SEALS, Assistant Professor of Business Administration (2005);
B.A., University of South Carolina, 1975;
M.A., University of Denver, 1976.
- CHRIS SHEPPARD, Assistant Professor of Music (2010);
B.F.A., Marshall University, 1994;
M.M., University of Northern Colorado, 1997;
D.M.A., University of Wisconsin, 2005.

PAUL D. SMITH, Assistant Professor of Business Administration (2004);
B.S.B.A., University of South Carolina, 2000;
M.B.A., Webster University, 2004.

TANIA SOSIAK, Associate Professor of Graphic Design (2003);
B.F.A., Syracuse University, 1988;
Masters Program, 1993;
M.I.D., North Carolina State University, 1996.

KAREN STANDISH, Assistant Professor of Nursing (2010);
B.S.N., University of South Carolina, 1971;
M.S.N., University of South Carolina, 2001.

RENEE C. STUBBS, Assistant Professor of Education (2006);
B.S., Newberry College, 1977;
M.Ed., University of South Carolina, 2000.

EVELYN SWAIN, Assistant Professor of Chemistry (2007);
A.S., Mercer County College, 1995;
B.S., Rider University, 1997;
Ph.D., Drexel University, 2002.

VICTOR E. TERRANA, Professor of Mathematics (1995);
B.S., Illinois Institute of Technology, 1967;
Ph.D., Illinois Institute of Technology, 1979,
Charles Ezra Daniel Professor of Mathematics.

T. OTIS WALKER, Associate Professor of Mathematics/Physics, (1983);
B.S., Furman University, 1972;
M.S., Clemson University, 1975;
Ph.D., Clemson University, 1978.

LISA WALLER, Assistant Professor of Education (2010);
B.S., Mississippi University for Women, 1999;
M.Ed., Middle Tennessee State University, 2002;
Ph.D., University of South Carolina, 2008.

CHRISTINA L. WENDLAND, Assistant Professor of Religion (2007);
B.S., Ohio State University, 1992;
M.Div., Trinity Lutheran Seminary, 1997;
Ph.D. Luther Seminary, 2007.

VINETTA GOODWIN WITT, Professor of Sociology (1999);
B.A., South Carolina State University, 1976;
M.A., Clark-Atlanta University, 1977;
Gerontology Certificate, University of South Carolina, 1998;
Ph.D., University of South Carolina, 1999.

ADJUNCT FACULTY

Adjunct Faculty members are part-time employees of the College or Staff who teach nine semester hours or less each semester.

CYNTHIA AULBACH, Instructor of Biology (2009);
B.S., University of South Carolina, 1975;
M.S., University of South Carolina, 1979.

GILBERT ANDERSON, Instructor of Biology (2001);
B.S., William and Mary, 1971;
M.A., Duke University, 1974.

CHARLES BEAM, Instructor of Mathematics (2010);
B.S., Clemson University, 1992;
M.Eng., Texas A & M University, 1994;
A.S., Thomas Edison State College, 2009.

JAMES CHOCKLETT, Instructor of Chemistry (2010);
B.S., Newberry College, 2004.

MICHELE COFFEY, Instructor of History (2010);
B.A., Baylor University 2000;
M.A., Baylor University, 2002;
Ph.D., University of South Carolina, 2010.

K. DOUGLAS COOK, Instructor of Theatre and Speech (2003);
B.A., California State University, Northridge, 1976;
Consultant for The Buckley School of Public Speaking.

THOMAS CRUMP, Instructor of Education, (2010);
B.S., Newberry College, 1966;
M.Ed., The Citadel, 1975;
Ed.S., The Citadel, 1990;
Ed.D., Nova Southeastern University, 1994.

TERRY C. DOHM, Instructor of Religion and Theology (2005);
B.A., Carson-Newman College, 1971;
M.Div, Southern Baptist Theological Seminary, 1974;
Th.M., Southern Baptist Theological Seminary, 1975;
Ph.D., University of Regensburg, German; 2003.

LYNN DOWD, Instructor of Education; Teaching Fellows Campus Director (2009);
B.A., Limestone College, 1974;
M.Ed., Converse College, 1982;
Master+30 hours, University of South Carolina, 1990.

KEVIN FLOWERS, Instructor of Music (2004);
B.M., University of South Carolina, 1995.

JOSEPH CHARLES FLOYD, Instructor of Biology (2004);
B.S., 1965, and M.S, 1968, University of South Carolina;
Ph.D., University of South Carolina, 1981.

MARJORIE HUWA, Instructor of Art (2010);
B.F.A., University of Nebraska-Lincoln, 1984.

NATALIE JENSEN, Instructor of Geography (2010);
B.A., Brigham Young University, 1997;
M.S., Brigham Young University, 2002;
Ph.D. candidate (2010), University of South Carolina.

DAVID JONES, *fastFORWARD* Instructor (2010);
B.A., Saint Leo University, 1984;
M.A., Webster University, 1999;
Ph. D. candidate (2010), Walden University.

SHERRI KENNEDY, Instructor of Education and Master Teacher, Noyce Grant (2010);
B.A., Clemson University, 1976;
M.Ed., Furman University, 1985.

NAOMI KOLBERG, Instructor of Sociology (2010);
B.A., Bloomsburg University, 2004;
M.A., University of South Carolina, 2008;
Ph.D. candidate (2011), University of South Carolina.

BARBARA KYZER, Instructor of Mathematics (2010);
B.A., Newberry College, 1979;
M.Ed., Augusta University, 1981;
Ed.D., Walden University, 2009.

DENNIS LAMBREIS, Instructor of Political Science (2009);
M.A., University of South Carolina, 1981;
Ph.D., University of South Carolina, 2009.

JENS LARSEN, Instructor of Music (2005);
B.M., Old Dominion University, 1996;
M.M., Rice University, 1998.

SANDRA McKNIGHT, *fastFORWARD* Instructor (2010);
B.A., Saint Leo University, 2010;
M.A., Webster University, 2002;
Ph.D. Candidate (2010), Columbia Southern University.

WANDA NEESE, Instructor of Music (2006);
B.M., Columbia College, 1988;
M.M., Columbia College, 1993.

JOSEPH PITTS, Instructor of Education, (2010);
B.A., Piedmont Collee, 1968;
M.Ed., Clemson University, 1976;
Ph.D., University of South Carolina, 1992.

REBECCA PUGH, Assistant Professor of Science (1998);
A.B., Columbia College of South Carolina, 1962;
M.S., University of Houston, 1969.

MICHAEL QUINN, Instructor of Communications (2009);
B.A., University of South Carolina, 1975;
M.M.C., University of South Carolina, 1976.

KEITH RINGER, Assistant Professor of Political Science (1991);
B.A., Newberry College, 1984;
M.P.A., University of South Carolina, 1987.

LAURA RINGER, Instructor of Psychology (2006);
B.A., Newberry College, 1993;
M. Ed., University of South Carolina, 1997.

MARCIA RINGER, Assistant Professor of Mathematics (2002);
B.A., Winthrop College, 1969;
M.A.T., University of South Carolina, 1974.

GEORGE EDWARD ROLLINS, III, Instructor of Business Administration (2005);
B.A., University of South Carolina—Columbia, 1992;
M.B.A., University of South Carolina—Columbia, 1996.

KARRI SCOLLON, Instructor of English (2009)
B.A., University of South Carolina, 1989;
M.A., Clemson University, 2008.

BECKY SMITH, Instructor of Music (2006);
Columbia College.

MATTHEW SMITH, Instructor of Music (2006);
B.M., University of South Carolina, 1998;
B.S.B.A., University of South Carolina, 2000;
M.B.A., Webster University, 2004.

KIMBERLEE TURNBOUGH, Instructor of Music (2007);
B.M., Belmont University, 2005.

JOHN VALERIO, Assistant Professor of Jazz Studies (2005);
B.A., Villanova University, 1969;
M.M., Campbell University, 1975;
D.M.A., Temple University, 1980.

CHARLENE WEATHERFORD, *fastFORWARD* Instructor, *fastFORWARD* Academic Advisor (2009);
B.A., Newberry College, 1993;
M.S., Nova Southeastern University, 2005.

MARK WENDLAND, Instructor of Religion (2009);
B.A., Augustana College, 1991;
M.Div., Trinity Lutheran Seminary, 1995.

FREDERICK WIEGAND, Instructor of Economics (2009);
B.B.A., Baruch College, City University of New York , 1964;
M.A., Long Island University, 1972.

REGGIE WICKER, Instructor of Education, Call Me MISTER Campus Director (2009, 2010);
B.S., Newberry College, 2004;
M.S., Scranton University, 2007;
Ed.D. Candidate, Walden University.

TAMMY YONCE, Instructor of Music, (2009);
B.M., Kennesaw University, 2003;
M.M., Indiana University, 2005;
D.M.A., University of Georgia, 2010.

FACULTY AND STAFF EMERITI

Dates in parentheses indicate the years of full-time service on the Newberry College Staff.

- RAYMOND M. BOST, President Emeritus (1986-1995);
B.A., Lenoir-Rhyne College, 1949;
M.Div., Lutheran Theological Seminary, 1952;
M.A., 1959, Ph.D., 1963, Yale University.
- ROBERT K. CARLEY, Professor Emeritus of Political Science (1969-2002);
A.B., 1959, M.A., 1961, University of Florida;
Ph.D., Indiana University, 1964.
- PETER L. FRENCH, President Emeritus (1995-1999);
B.A., Moravian College, 1960;
M.A., 1961; Ph.D., 1968, Yale University.
- KATHLYN A. FRITZ, Professor Emeritus of Sociology (1990-2008);
A.B., Lenoir-Rhyne College, 1968;
M. Phil., Yale University, 1971;
Ph.D., Yale University, 1975.
- GORDON C. HENRY, Professor Emeritus of Communications (1969-1996);
B.A., University of Northern Iowa, 1953;
M.A., University of Iowa, 1960;
Litt.D.,(Honorary), Newberry College, 2005.
- JOANNA D. INNES, Professor Emeritus of English (1989-2002);
Director of Writing Center (1991-2002);
B.A., Central Methodist College, 1959;
M.A., Indiana University of Pennsylvania, 1989.
- CHARLES G. JEREMIAS, Professor Emeritus of Chemistry (1962-1983);
B.S. Chemistry, University of Georgia, 1942;
Ph.D., Tulane University, 1949.
- SANDRA P. LOGAN, Professor Emeritus of Business Administration and Economics (1976-2002);
B.A., Drew University, 1962;
M.B.A., Columbia University, 1964;
Ph.D., University of South Carolina, 1976.
- JULIE H. MCLEOD, Professor Emeritus of Music (1961-2000);
A.B., Newberry College, 1959;
M.A., Columbia University, 1960;
Dr.M.,(Honorary), Newberry College, 2006.
- CONRAD B. PARK, Professor Emeritus of Chemistry (1956-1985);
A.B., Newberry College, 1941;
M.A., 1943, Ph.D., 1951, University of North Carolina.
- CATHERINE C. RICHARD, Professor Emeritus of Education (1980-2004);
B.S., Central Connecticut State College, 1965;
M.S., Central Connecticut State College, 1969;
Ph.D., University of South Carolina, 1980.
- DAVID E. THOMAS, Professor Emeritus of Sociology (1968-1981);
B.A., Gettysburg College, 1942;
B.D., Gettysburg Seminary, 1945;
Ph.D., Princeton Seminary, 1967.
- JOHN W. WAGNER, Professor Emeritus of Music (1965-2002);
Department Chair (1988-2000);
B.Mus., DePauw University, 1959;
M.Mus., Florida State University, 1961;
Ph.D., Indiana University, 1969.

GAILLARD F. S. WATERFALL, Professor Emeritus of English (1964-1997);
 A.B., 1954, M.A., 1964, Ph.D., 1973, University of South Carolina.

GLENN E. WHITESIDES, President and Professor of English Emeritus (1972-2001);
 College President (1975-1984);
 B.A., Erskine College, 1958;
 M.A., 1960; Ph.D., 1968, Florida State University;
 Post-doctoral study, Harvard University, 1975.

JAMES A. WILHIDE, Professor Emeritus of Education (1990-2002);
 B.S., Youngstown (Ohio) State University, 1960;
 M.Ed., University of Arizona, 1968; Ed.D., University of South Carolina, 1985.

W. DARR WISE, Professor Emeritus of Music (1956-1998);
 B.Mus., Cincinnati Conservatory of Music, 1950;
 M.Mus., Florida State University, 1954;
 Dr.M., (Honorary), Newberry College, 2006.

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| | |
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| The Rev. Dr. Theophilus Stork | 1859-1860 |
| The Rev. Dr. James Allen Brown | 1860-1861 |
| Robert Garlington (Interim) | 1861 |
| The Rev. Dr. Josiah P. Smeltzer | 1861-1877 |
| The Rev. Dr. George W. Holland | 1877-1895 |
| Dr. George B. Cromer | 1895-1904 |
| The Rev. Dr. James A. B. Scherer | 1904-1908 |
| The Rev. Dr. J. Henry Harms | 1908-1918 |
| Dr. Sidney J. Derrick | 1918-1930 |
| Dr. James C. Kinard | 1930-1954 |
| Dr. Christopher A. Kaufmann | 1954-1960 |
| Dr. Conrad B. Park (Acting) | 1960 |
| Dr. A. G. D. Wiles | 1960-1971 |
| Dr. Fredric B. Irvin | 1971-1975 |
| Dr. Glenn E. Whitesides | 1975-1984 |
| Dr. John S. Ammarell (Interim) | 1984 |
| Dr. Paul F. Tillquist | Jan. 1985 |
| Dr. John S. Ammarell | Feb. 1985-1986 |
| Dr. Hubert H. Setzler, Jr. | 1986-1992 |
| The Rev. Dr. Raymond M. Bost | 1992-1995 |
| Dr. Peter L. French | 1995-1999 |
| Dr. John H. Hudgens | 1999-2000 |
| Dr. Mitchell M. Zais | 2000-2010 |
| Dr. John H. Hudgens (Interim) | Spring 2010 |
| Dr. V. Scott Koerwer | 2010-present |

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| L. Wayne Pearson (2013) | Mt. Pleasant, SC |

Southeastern Synod

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| R. Jonathan Hart (2013) | Savannah, GA |

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| Edward L. West | Charlotte, NC |
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Chairman of Board of Advisors

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Timothy Elston (President of Faculty Council)

Faculty Representatives to the Academic Affairs and Honorary Degrees Committee

Karl Rohr, Assistant Professor of History (2010).
Joseph McDonald, Director Values-Based Learning (2011).

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James A. Gerding, D.C.S. Gatlinburg, TN
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Gerald S. Troutman, D.D. Atlanta, GA
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Bishop of the South Carolina Synod, ELCA
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| Academic Skills Center | Ms. Kay Chandler, Director |
| Archives | Dr. Gordon Henry, College Archivist |
| Institutional Research & Assessment | Dr. Donald Johnson-Taylor |
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| Office of the Registrar | Ms. Carol Bickley, Registrar |
| Values Based Learning | Dr. Joe McDonald |
| Wessels Library | Mr. Larry Ellis, Director |
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