



2006-2007 Catalog

15th Anniversary

Celebrating the Tradition



Newberry College

2100 College Street
Newberry, South Carolina

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

Chartered 1856

CATALOG AND ANNOUNCEMENTS

2006-2007

MATRICULATION PLEDGE AND NEWBERRIAN CREED

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 minimum 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 other 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 Newberry College
as a place of free and open inquiry.

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.

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Newberry College ~ 1856-2006

August 2006

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September 2006

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October 2006

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November 2006

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December 2006

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January 2007

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February 2007

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March 2007

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April 2007

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May 2007

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June 2007

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July 2007

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August 2007

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Fall/Spring Class/Exam Days are shaded.

Opening Convocation: Sun, Aug. 20
 Founders/Honors Convocation: Thu, Nov. 9
 Winter Commencement: Sat, Dec. 16
 Awards Convocation: Thu, Apr. 19, 2007
 May Commencement: Sat, May 12

ACADEMIC CALENDAR 2006-2007

| 2006 | FALL SEMESTER |
|---------------------|--|
| Aug. 1, Tue | Fall Semester 2006 - Financial Obligations Due |
| | Athletics Check-In |
| | Senior Resident Advisor Check-In |
| | Resident Advisor Check-In |
| Aug. 16, Wed | Orientation for New and Returning Faculty and Academic Staff |
| Aug. 17, Thu | Orientation for New Students |
| Aug. 18, Fri | Check-In for Returning Students, 8:30 a.m.-1:30 p.m. |
| Aug. 19, Sat | Check-In for New Students, 8:30 a.m.-1:30 p.m. |
| Aug. 20, Sat | Opening Convocation Worship Service, 11:00 a.m., Wiles Chapel (FAL) Lunch—Noon |
| Aug. 21, Mon | Classes begin at 8 a.m.; Academic Profile for all new students, 2 p.m., Wiles Chapel |
| Aug. 25, Fri | Last day to change classes |
| Aug. 31, Thu | Presidents' Convocation: Recognizing & Honoring Past College Presidents |
| Sep. 4, Mon | Labor Day Holiday; No classes; Administrative Offices closed |
| Sep. 5, Tue | Classes resume, 8 a.m.; Administrative Offices open 8 a.m. |
| Oct. 7, Sat | Homecoming |
| Oct. 11, Wed | Mid-Term |
| Oct. 12-13, Thu-Fri | Fall Semester Break; No classes (Food Service and Residence Halls remain open) |
| Oct. 13, Fri | Administrative Offices closed |
| Oct. 16, Mon | Classes resume, 8 a.m.; Administrative Offices open 8 a.m. |
| Oct. 18, Wed | Mid-Term Reports Due |
| Oct. 25, Wed | Last Day to Drop Classes |
| Oct. 30-Nov. 17 | Registration for Spring Semester |
| Nov. 9, Thu | Founders/Honors Convocation, 9:20 a.m., Wiles Chapel (The Military in 1856 & during the Civil War) |
| Nov. 22-24 | Thanksgiving Break |
| Nov. 27, Mon | Classes resume, 8 a.m.; Administrative Offices open 8 a.m. |
| Dec. 6, Wed | Classes end |
| Dec. 7, Thu | Reading Day |
| Dec. 8, 11-13 | Final Exams (Fri, Mon, Tue, Wed) |
| Dec. 16, Sat | Commencement, 11 :00 a.m., Wiles Chapel; Honorary Degrees |
| Dec. 19, Tue | Offices close at 4:30 p.m., for Christmas Break |

Approved by Cabinet, March 17, 2006.

ACADEMIC CALENDAR 2006-2007

| 2007 | SPRING SEMESTER |
|---------------------|--|
| Jan. 2, Tue | Administrative Offices open |
| Jan. 8, Mon | Check-In; Resident Halls Open. New Student Orientation |
| | Academic Profile for all Juniors, 2 p.m., Wiles Chapel |
| Jan. 9, Tue | Classes begin |
| Jan. 9-12, Tue-Fri | Application for degrees for students completing course requirements during Spring Semester or Summer School |
| Jan. 10, Wed | Check-In closes |
| Jan. 12, Fri | Last day for changing classes |
| Jan. 15, Mon | Martin Luther King Jr. Day of Service; No classes; Administrative Offices closed |
| Feb. 22, Thu | Founders Day Convocation (focusing on students) |
| Feb. 26, Mon | Mid-Term |
| Mar. 2, Fri | Mid-Term reports due |
| Mar. 9, Fri | Last day to drop classes; Resident Halls close 5:00 p.m., last meal-lunch |
| Mar. 12-16, Mon-Fri | Spring Semester Break for Students |
| Mar. 15-16, Thu-Fri | Administrative Offices closed |
| Mar. 18, Sun | Residence Halls re-open, noon; first meal—dinner |
| Mar. 19, Mon | Classes resume, 8:00 a.m.; Administrative Offices open, 8:00 a.m. |
| Mar. 26-Apr. 5 | Registration for Fall Semester |
| Apr. 5, Thu | Easter Holiday begins at 4:40 p.m. (after classes). Residence Halls close at 5:00 p.m.; last meal—lunch |
| Apr. 6, Fri | No classes; Administrative Offices closed on Good Friday |
| Apr. 8, Sun | Residence Halls re-open, noon; first meal—dinner |
| Apr. 9, Mon | Classes resume, 8:00 a.m.; Administrative offices open, 8:00 a.m. |
| Apr. 19, Thu | Awards Convocation, Wiles Chapel |
| Apr. 20-22, Fri-Sun | Anniversary Festival; Time Capsule (Music, Theatre, Art, Affinity Reunions) |
| May 1, Tue | Classes end |
| May 2, Wed | Reading Day |
| May 3, 4, 7, 8 | Exams (Thurs, Fri, Mon, Tue) |
| May 12, Sat | Baccalaureate 11:00 a.m., Wiles Chapel. Commencement 2:30 p.m., Eleazer Arena. Honorary Degrees; Final Formal Event. |

Approved by Cabinet, March 17, 2006.

CALENDARS FOR MAY TERM AND SUMMER SESSIONS

| 2007 | MAY TERM (no Core or Major classes) |
|-------------|--|
| May 14, Mon | Check-In 10:00-noon; Residence Hall opens 10:00 a.m. No food service. |
| | Classes begin at 1:00 p.m. |
| May 28, Mon | Memorial Day Holiday; No classes; Administrative Offices closed |
| Jun. 8, Fri | Classes end; Residence Hall closes 5:00 p.m. |

| 2007 | SUMMER I |
|-------------|---|
| Jun. 4, Mon | Check-In 10:00-noon; Residence Hall opens 10:00 a.m. No food service. |
| | Classes begin at 1:00 p.m. |
| Jul. 4, Wed | Independence Day Holiday. No classes. Administrative Offices closed. |
| Jul. 6, Fri | Classes end; Residence Hall closes 5:00 p.m. |

| 2007 | SUMMER II |
|-------------|---|
| Jul. 9, Mon | Check-In 10:00-noon; Residence Hall opens 10:00 a.m. No food service. |
| | Classes begin at 1:00 p.m. |
| Aug. 3, Fri | Classes end; Residence Hall closes 5:00 p.m. |

Approved by Cabinet, March 17, 2006.

CLASS SCHEDULE

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):

| | | | |
|---------------|------------------|----------------|------------------|
| 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 REGULAR CLASS SCHEDULE

Tuesday (T) and Thursday (H):

| | | | |
|--------------------------|-----------------|---------------|------------------|
| First Period | 8:00-9:15 a.m. | Second Period | 10:20-11:35 a.m. |
| Chapel/Meetings | 9:25-10:15 a.m. | Third Period | 11:45-1:00 p.m. |
| <i>Tuesday Chapel</i> | | Fourth Period | 1:10-2:25 p.m. |
| <i>Thursday Meetings</i> | | Fifth Period | 2:35-3:50 p.m. |

THURSDAY CONVOCATION SCHEDULE

(Used only when a Convocation is scheduled on Thursday)

| <u>Period</u> | <u>Regular</u> | <u>Adjusted Time</u> | <u>Period</u> | <u>Regular Class Time</u> |
|---------------|----------------|----------------------|---|---------------------------|
| First Period | 8:00-9:15 | 8:00-9:00 a.m. | Fourth Period* | 1:10-2:25 p.m. |
| Convocation | | 9:20-10:45 a.m. | Fifth Period* | 2:35-3:50 p.m. |
| Second Period | 10:20-11:35 | 10:50-11:50 a.m. | <i>*Afternoon classes meet on the regular schedule.</i> | |
| Third Period | 11:45-1:00 | Noon-1:00 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 (Electronic Media, Journalism, Public Relations); 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 in Performance.

Bachelor of Music Education in Choral or Instrumental Music Education.

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

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

Bachelor of Arts (B.A.) or a Bachelor of Science (B.S.) is also given through **cooperative dual-degree programs** with Clemson University, Duke University, the Medical University of South Carolina, and Palmetto Baptist Medical Center.

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

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

Tuition and Room and Board-Double Occupancy (2006-2007): \$25,260

Number of Students: 841 (Fall 2005)

Number of Faculty (full-time equivalent): 57

Campus size: 106 acres

Number of Buildings and Athletics Facilities: 28

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 Degrees. 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. Other accrediting agencies include the National Association of Schools of Music (NASM) and the American Veterinary Medical Association (AVMA).

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 will celebrate 150 years of service and educational leadership to the Newberry community in South Carolina (SC) and to the Lutheran Church in 2006.

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, Virginia. 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:
www.Newberry.edu

GENERAL INFORMATION

NEWBERRY'S CAMPUS

Newberry College's 106-acre, wooded campus is located less than a mile from local shopping areas in Newberry, SC. The College's twenty-eight 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, Keller Hall, Holland Hall, and Derrick Hall. These four buildings ring three sides of the quadrangle. Derrick Hall, built in 1923, houses the *Office of Student Affairs*, Residence Life, and Career Services on the first floor. On the second and third floors, the *Office of Academic Affairs* has faculty and other offices, while the main offices for Academic Affairs are located in Holland Hall, Room 200.

On the fourth side of the quadrangle are the McClurg Center for Teaching and Learning, the Langford Communications Center, and the Wessels Library buildings. 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 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 in which the *Office of External Affairs* is located. In addition to offices for Alumni Relations, Development, and Public Relations and Marketing, are a conference room and two guest suites.

A building across the street from the campus, called the Center for Visual and Performing Arts, provides space for additional classes in Art and Theatre.

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 1000-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 R. Wright Cannon lighted tennis courts; the 4,000-seat football stadium; Setzler Field; the John F. Clarkson outdoor swimming pool; and baseball, soccer, and softball playing fields.

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

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.

ACCREDITATION

Newberry College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (SACS) to award bachelor degrees.

The Department of Education at Newberry College is accredited by the National Council for Accreditation of Teacher Education (NCATE) (www.ncate.org), 2010 Massachusetts Ave., NW, Suite 500, Washington, DC 20036; Telephone (202) 466-7496. 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.

Other accrediting agencies include the National Association of Schools of Music and the American Veterinary Medical Association.

Accreditation self-studies 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; and the National Collegiate Athletic Association (Division II).

The *Office of Institutional Research & Assessment*, under the supervision of the *Office of Academic Affairs*, coordinates all accreditation efforts for Newberry College.

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 nearly 80,000 books, sound and video recordings, and CD-ROM resources. The library also subscribes to 298 magazines, scholarly journals, and newspapers.

In addition, the vast resources of the Internet, including DISCUS, Collegiate DISCUS, and databases to which the library subscribes, are accessible to researchers in the library and elsewhere on the campus network through the Wessels Library website on the Newberry College homepage. To further assist those conducting research, the Wessels Library's on-line catalog is searchable through the library website.

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 contains a wealth of historical materials on South Carolina, the Lutheran church, and Newberry College. Students may also use a smaller library of scores and recorded music housed in the Music Department in the Alumni Music Center.

However, Newberry College's students are not limited to the resources of the Wessels Library alone. The library's on-line interlibrary loan services make the collections of hundreds of academic and public libraries available in a matter of days, upon request.

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, inter-library loan searches, 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 TECHNOLOGY AND INTERNET CONNECTIVITY

Newberry College supports an Ethernet network that connects all academic and administrative buildings in a Metropolitan-Area Network (MAN). This includes all College residence halls. The College enjoys a high-speed Local Area Network (LAN)/MAN, multiple T1 connections to the Internet. All faculty offices and classrooms in the McClurg Center for Teaching and Learning; the Science and Mathematics Building; the Alumni Music Center; Eleazer Arena; and Wright Hall Academics Skills Center are equipped with network connections. Additionally, there are computer-equipped classrooms in the Biology Department, Mathematics and Computer Science Department, Alumni Music Center, and in Room 107 of the McClurg Center.

The *Office of Information Technology* (OIT) is located in Holland Hall, Room 104 and is the principal planning, supervisory, consultation, and support office for all forms of electronic information technology for Newberry College. Administration of telephone services, software licensing, and ethical computing is supported by the OIT.

Network Accounts: All faculty, staff, and students are required to obtain a network account from the OIT to use any device connected to the Newberry College Network. Students can obtain their account information during orientation or in their registration packet at the beginning of their first school term. Email accounts are created and issued at the same time as the user account. Email accounts are directly linked to the user account using the same password. Faculty and staff should obtain accounts during their new employee orientations. Administration of network security and authentication is the sole responsibility of the OIT.

Multimedia Lab: Newberry College's multi-media lab is located in the McClurg Center for Teaching and Learning. This facility is equipped with nineteen Pentium-based computers connected to the campus Ethernet network. Each of these computers is equipped with the complete Microsoft® Office® 2003 Suite package with Microsoft® Windows® XP Professional™. Additional software with specific use in various College courses is also installed on these machines. The multimedia lab is the primary technology teaching facility for the McClurg Center and is administered by the Faculty Support Staff in McClurg 109 and supported by the OIT.

Academic Skills Computer Lab: Located in Wright Hall, the Academics Skills Center is equipped with ten Pentium PC's and are available for general use. These computers are configured similarly to those in the multimedia lab. The Academic Skills Center staff administers this lab, which is supported by the OIT.

Alumni Music Center: The Music Lab is located on the second floor of the Alumni Music Center. This multimedia lab contains twelve Pentium PC's with CD writers and electronic pianos, all connected to professional grade audio equipment. The lab is used by the Music Department for class instruction and general use when available. The Music Department administers this lab, which is supported by the OIT.

Department Labs: The computer facilities in Mathematics and Computer Science, Biology and other academic departments are used exclusively for instruction. As such, they are rarely available for general use. The departments using these computers administer the labs. Consultation, planning and technical support are provided by the OIT.

Residence Hall Internet Access: Ethernet is available to students in all resident halls. PC requirements for Ethernet connectivity include a 10/100 base-T Network Interface Card and a CAT5 patch cable. Additional information regarding network logons, activities, facilities, email, and Internet usage are contained in the *User's Guide* to the Newberry College Network. Students receive a copy of this guide when their accounts are established.

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.

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.

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.

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 or national origin, 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 an Equal Opportunity Employer and does not discriminate on the basis of age or sex. 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 of the *Civil Rights Act* of 1964; and Section 504 of the *Rehabilitation Act* of 1973, 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 1999, 51.4 percent graduated by August 2005.

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).

Grade point average on academic subjects 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 22, "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 Director of Admissions 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. These students will participate in the Foundations Program, which will allow them the

opportunity to develop requisite skills. Details about this program can be found at the admissions section of our website. (admissions-process-sub-section)

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 fifteen (15) academic or college preparatory subjects from ninth through twelfth grades. The fifteen academic units are as follows:

- English, four units
- Foreign language, two units
- Mathematics, three units
- Sciences, three units
- Social Studies, three units

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 106-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, by telephone (1-800-845-4955; ext. 5127), via admissions@newberry.edu, 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, 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.

EARLY ENROLLMENT

In some cases, Newberry College admits highly qualified high school juniors who feel the freshman year of college will be more beneficial than the senior year of high school. The Director of Admissions will evaluate such applications and will coordinate with early admittees, their parents, and their high school administrators. All questions in this regard should be directly addressed to the Director of Admissions.

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.

| <u>Exam</u> | <u>Score</u> | <u>Credit for</u> |
|---------------------------------|-------------------|----------------------------------|
| 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 | 3 or higher..... | Determined by Music Dept. |
| 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; many students bring a depth of knowledge to specific subjects. We recognize and honor such knowledge by accepting the full range of College-Level Examination Program (CLEP) tests. Students taking examinations will pay \$65.00 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. Assuming 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.

Subject Examinations

| | Credit | Granting | Score |
|--|----------------------|---------------------|------------------------|
| <u>Business</u> | <u>Credit</u> | <u>Score</u> | <u>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 |

Composition & Literature

| | | | |
|--|--------|---------|------------------|
| 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 |

Foreign Languages

| | | | |
|------------------------|---------|---------|---------------------------------------|
| 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 |

Subject Examinations

| | Credit | Granting | Score |
|---|----------------------|---------------------|------------------------|
| | <u>Credit</u> | <u>Score</u> | <u>Replaces</u> |
| <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 |
| <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 SCHOLARSHIPS FOR FRESHMEN

Newberry College offers three achievement-based scholarship programs for incoming freshmen: the Trustees Scholarship Award, the Founders Scholarship Award, and the Presidential Achievement Award. 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 **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 3.0 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 \$10,000 per year, renewable for four years by maintaining at least a cumulative 3.0 GPA.

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 \$7,500.00 per year, renewable for four years by maintaining at least a cumulative 2.5 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 \$8,500.00 per year and is renewable for 4 years provided that students maintain a minimum GPA of 3.00. The award is granted upon matriculation to Newberry College.

To apply for any of these awards, a student must complete the regular Application for Admission and the Scholarship Application two weeks prior to the review date and preferably by January 15. These scholarships are not transferable to another institution.

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 \$175.00. Of this deposit, \$75.00 is the orientation fee and \$100.00 is used as a tuition deposit for day students or a housing security fee for resident students. The \$100.00 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 must have a physical examination prior to enrollment at Newberry College. An official Student Medical Form, furnished by the Admissions Office upon acceptance, must be completed by a physician.

Students must submit an immunization form with proof of currently required vaccinations before registering for classes. (It is also requested students provide a health insurance card along with the forms on confidentiality and consent to treatment.)

If the medical form has not been filed with the Newberry College Health Services within three weeks after enrollment, students will be given the option of having a complete physical examination by the College Physician at their expense or withdrawing from the College.

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. All academic records must be received at least one week (seven days) prior to the intended date of enrollment. Approved courses and credit hours transfers; 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 (24) semester hours (or thirty-six (36) 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.

ADDITIONAL GUIDELINES FOR TRANSFER APPLICATIONS

A maximum of seventy-two (72) semester hours will be accepted toward graduation for students transferring directly from junior, technical, or community colleges. A minimum of twenty-one (21) semester hours in the major, and eight (8) hours in the minor, must be completed at Newberry College, and students must complete the last thirty-two (32) 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 (25%) of the semester hours of credit must be completed at Newberry College and at least twelve (12) 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 (18) semester hours of credit, will be eligible for consideration for the Newberry College Transfer Tuition Scholarship. Applicants will be screened by the Scholarship Committee. The value of the Transfer Tuition Scholarship ranges from \$2,000 to \$5,000 and is renewable if the student maintains at least a 2.5 GPA and remains a student in good standing.

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.

Since all courses at Newberry are conducted in English, students coming from countries where English is not the native language will be required to present a score of at least 525 on the Test of English as a Foreign Language (TOEFL) test before they are formally admitted to any academic program at the College. Students taking the computer based of the TOEFL will need to score at least 197. (Comparable to a 71 in the Internet-Based TOEFL). TOEFL is a test designed to demonstrate the student's ability to pursue studies presented in English. TOEFL is available throughout the world; students should make application for the test at their home school. Students choosing to take the Advanced Placement International English Language (APIEL) examination should score greater than three (3).

Because limited scholarships are available to international students, such applicants will be required to furnish documented proof of their ability to meet all financial obligations for the duration of their enrollment at Newberry College. 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.

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 by May 20. Summer Session Applications are available from the *Office of Admissions* or from the *Office of the Registrar*.

RETENTION

Newberry College is committed to graduating as many of its entering freshmen as possible in four years. To that end, the Director of Retention provides resources, support, and academic coaching to students who have needs that might prevent them from successfully matriculating. The main focus of the Retention Office is on freshmen, helping them to get quickly acclimated, connected and settled into effective study habits. If a student needs extended support, the student will often participate in personal coaching—a series of sessions in which the student and a personal coach develop an invigorating plan for success. Personal coaching creates awareness and responsibility for the students, moving them energetically forward.

The Director works closely with the Director of First Year Encounters, the Director of the Academic Skills Center, and the Assistant Director of Athletics in moving students successfully forward. Students may drop by or call the office for resources and services. However, a member of the campus community often will call the Director with concerns s/he may have regarding a specific student. Parents also may call the office with concerns they have about their student, or for general information regarding their student’s college experience.

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 (75%) 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.

Additional information concerning Student Aid is provided on pages 28-33.

TUITION AND FEES FOR 2006-2007

Projected rates for the 2006-2007 Academic Year are provided on the next page. Fees are based on the two semesters in the regular nine-month academic year. The 2006-2007 charges are \$19,631 for commuting students; \$26,231 for students living on campus and electing double occupancy; and \$27,581 for students living on-campus electing a single room.

Tuition is charged to all full-time students and covers a variety of benefits of which part-time students are not eligible.

Tuition covers the cost for the full-time degree-seeking student who carries a course load of twelve to eighteen semester hours. The student enrolled for fewer than twelve hours pays tuition at the rate of \$350.00 per semester hour, plus a \$50.00 Technology Fee. A student taking nineteen or more semester hours pays standard tuition plus an additional fee of \$300.00 for each hour in excess of eighteen semester hours. 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.

PAYMENT OF FEES

Payments for tuition, fees, room and board are due and payable on or before **August 4, 2006** for the Fall Semester, and **December 15, 2006** for the Spring Semester.

TUITION AND FEES FOR 2006-2007

| Academic Year | Double Occupancy | Single Room |
|-------------------------------------|------------------|------------------|
| Tuition | \$ 18,900 | \$ 18,900 |
| Technology Fee* | \$ 350 | \$ 350 |
| Student Government Fee** | \$ 200 | \$ 200 |
| Healthcare Fee | \$ 100 | \$ 100 |
| Accident Insurance# | \$ 81 | \$ 81 |
| Total for Commuting Students | \$ 19,631 | \$ 19,631 |
| Room*** | \$ 2,990 | \$ 4,340 |
| Board | \$ 3,370 | \$ 3,370 |
| Ethernet | \$ 200 | \$ 200 |
| Residence Hall Programming | \$ 40 | \$ 40 |
| Total for Residents | \$ 26,231 | \$ 27,581 |

*A Technology Fee of \$175.00 per semester (\$350.00 annually) is charged to all full-time students. This fee provides for computer technology support such as Internet access. The fee for each Summer Term and part-time students is \$50.00.

**The Student Government Fee of \$100.00 per semester (\$200.00 annually) 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.

***Students should contact the *Office of Residence Life* for other housing arrangements, which are available in Cromer and Smeltzer Halls and in the new student residence.

#Students entering in the Spring Semester must pay an accident insurance fee of \$54.00.

ROOM AND BOARD

Room and board are a package arrangement for students living in residence halls. Rooms will not be rented unless the occupants eat their meals in the College Dining Hall. Students may select the nineteen (19) meal plan, the fifteen-plus (15+) meal plan (which includes 300 flex points), or the ten-plus (10+) meal plan, which includes 375 flex points. (Flex points may be used in Kaufmann Hall or in the Snack Bar.) See pages 35-37.

Day students may eat in Kaufmann Hall on either an inclusive fee or separate meal basis.

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

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 \$1,000 for the year. Additional course fees are listed below.

ADDITIONAL FEES

Course Fees

- **Art** 181, 221—A \$20.00 fee is charged.
- **Art** 101, 102, 171, 231, 241, 242, 271, 274, 342, 343, 372, 375, 376—A \$40.00 fee is charged to cover cost of materials.
- **Art** 161, 261, 361, 464—A fee of \$85.00 is charged.
- **Art** 220, 320—A \$95.00 fee is charged.
- **Biology**—A \$95.00 fee is charged each semester for each laboratory course. Lab courses receive four hours of credit.
- **Chemistry**—A \$95.00 fee is charged each semester for each Chemistry course except CHE 481, 482, and 495.
- **Communications** 231, 311, 322, 323, 422, 423, 430, 431, 491, 492, and 499—A \$75.00 fee is charged.
- **Computer Science** 155, 156, 300, and 340—A \$70.00 fee is charged.
- **Education** 480—A \$125.00 fee is charged for student teaching.
- **Forensic Science**—A \$95.00 fee is charged for FSC 212.
- **Forensic Science**—A \$150.00 fee is charged for FSC 342.
- **Music**—Fees for a Semester or a Summer Session:
 - **Music**—Private Lessons in Piano, Pipe Organ, Voice and Band Instruments, \$125.00 per credit hour.
 - **Music**—Instrumental Class (Brass, Woodwind, and Percussion), \$90.00 fee.
 - **Music**—Voice and Piano Class, \$90.00 fee.
- **Physical Education**—Activity fees—A \$20.00 activity fee will be assessed for all activity courses (except PHE 103 – Golf) for equipment purchased and for upkeep of equipment. For PHE 103 (Golf), a \$30.00 fee will be assessed for periodic use of the Country Club and greens fees.

- **Physics**—A \$95.00 fee is charged for each laboratory course.
- **Science Laboratory Fee**—A \$95.00 fee is charged each semester for each laboratory science course in Biology, Chemistry, Physics, and Science.
- **Theatre 104, 204**—A \$50.00 lab fee is charged each semester for consumable materials and the maintenance of equipment.
- **Theatre 212, 302**—A \$75.00 fee is charged to help cover the maintenance of the production equipment.
- **Theatre 231**—A \$75.00 materials fee is charged to cover the cost of materials. Students retain the makeup kit, which is the significant item in the charge for this class.
- **Theatre 303**—A \$40.00 lab fee is charged for maintenance of equipment.

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 \$175.00. This covers the orientation expenses and the student's housing security deposit (for resident students) or a tuition deposit (for day students).

Application Fee—A nonrefundable application fee of \$30.00 (\$25.00 for electronic applications) 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 \$50.00 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 \$115.00 per semester hour.

Credit Card Processing Fee—Students will be charged a three percent (3%) processing fee when paying by credit card. This fee has been instituted due to the increasing costs of accepting credit cards.

Credit by Examination Fee (CLEP)—Students taking examinations under this program will pay \$65.00 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 \$1.00 monthly charge. This equates to an annual percentage rate of 18 percent.

Graduation Fee—Each candidate for graduation pays a graduation fee of \$85.00 during the final term of attendance.

Late Check-in—Student check-ins after the specified deadlines will incur a fee of \$100.00.

Late Payment Fee—The College will assess a \$200.00 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 \$75.00.

Parking Permits—A \$35.00 fee is charged for a vehicle parking permit. Violators of campus traffic regulations are subject to a \$25.00 fine for each violation. On-campus motor vehicle regulations are listed in the *Student Handbook*.

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 \$25.00 per day. This fee does not include board costs.

Returned Checks—A \$40.00 fee will be charged for all returned checks.

Single Room Fee—Students who occupy a double room alone when a vacancy exists in another room pay 1 1/2 times the double room rate.

Transcripts—A student requesting an unofficial copy of a transcript will be charged \$1.00 for each copy. The first **official** transcript is furnished free of charge; \$5.00 is charged for each additional transcript. An additional \$2.00 fee is charged for faxed transcripts.

ADVANCE DEPOSIT FEE FOR HOUSING RESERVATION

A housing reservation fee of \$50.00 is required of all returning students seeking housing reservations. This fee must be paid by May 1 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 July 1, of the student's intention not to return to Newberry College for the following academic year. After July 1, there will be no refund. For returning students, the fee becomes a credit to the student's financial account.

BILLING PROCEDURE

Newberry College has an established billing procedure for the 2006-2007 academic year to help students and their families pay tuition, fees, room, and board. These procedures also include optional payment through the Tuition Management System (TMS), an interest-free monthly payment plan. Brochures regarding TMS will be sent with the financial aid award letters and billings. Methods for payment are flexible and allow students and their families to pay a portion of their bill by check, cash, or credit card to Newberry College and pay the remainder using the TMS program.

Payment is required by the dates indicated below. The College accepts MasterCard and Visa. Because the costs associated with credit card utilization, a three percent (3%) processing fee will be charged when paying by credit card. TMS will accept payments for the 2006-2007 academic year beginning June 1, 2006. TMS charges an annual enrollment fee of \$65.00 to participate in their interest-free payment plan.

Payments will be as indicated on billings from the *Office of Accounting*. A billing for Fall 2006 will be mailed no later than July 16, 2006, with payment required by August 4, 2006. A billing for Spring 2007 will be mailed no later than November 20, 2006, with payment required by December 15, 2006.

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

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. Refunds will be computed on all fees including room and board based on prorated refund calculation required by federal law. There is no refund applicable after a student has attended fifty percent (50%) of the semester.

The 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 Stafford Loan; Subsidized Federal Stafford 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 (14) 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 full-time (i.e., 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. However, students enrolled in excess of eighteen hours at \$300.00 per hour will be refunded according to the above schedule with a reduction of hours.

2007 MAY TERM TUITION AND FEES

| | |
|------------------------------------|--------------|
| Tuition, each semester hour | \$225 |
| Campus Housing | \$480 |
| Ethernet Fee | \$ 40 |
| Technology Fee | \$ 40 |

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 Term. May Term tuition charges are due on the first day of class and should be paid in the Accounting Office. Prior to registration, all balances from previous semesters must be paid. Only federal aid is available during the May Term. (Food Service will **not** be available.)

2007 SUMMER SESSION TUITION AND FEES

| | |
|--|--------------|
| Tuition, each credit hour | \$225 |
| Campus Housing, each term | \$600 |
| Laboratory Science Fee, each course | \$ 95 |
| Ethernet Fee, per session | \$ 50 |
| Technology Fee, per session | \$ 50 |

Summer School tuition and fees are due and payable at registration each term. Prior to registration, all balances from previous semesters must be paid. Tuition and other fees will not be refundable after the third class day of each term. Course fees, where applicable, will be charged for courses taken during the Summer Session. Only federal aid is available during the Summer Session on a limited basis. Food Service will **not** be available.

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.

EXPENSES WORK SHEET—2006-2007

The following guide is given to help students and their parents plan a Newberry College education.

| | |
|---|--------------|
| 1. Tuition | 18,900 |
| 2. Technology Fee | 350 |
| 3. Student Government Fee | 200 |
| 4. Healthcare Fee | 100 |
| 5. Accident Insurance | 81 |
| 6. Room and Board Charges (Residence Hall Students) (Based on Fifteen Meal Plan and Double Occupancy) | <u>6,600</u> |
| 7. Total Charges for Residence Hall Students | 26,231 |
| 8. Average cost of textbooks and supplies..... | 1,200 |
| 9. Special Fees for Music, Science, Art, and other courses (see page 25) | _____ |
| 10. Transportation..... | 1,320* |
| 11. Other Personal Expenses | 1,800* |
| 12. Total anticipated expenses above (Sum of 7, 8, 9, 10, and 11) | _____ |
| 13. Amount of financial assistance expected from parents..... | _____ |
| 14. Amount of money saved and/or amount expected to be earned during the year..... | _____ |
| 15. Financial help from sources other than Newberry College..... | _____ |
| 16. Total of anticipated Financial Aid (Before applying for aid through Newberry College) (Sum of 13, 14, and 15)..... | _____ |
| 17. South Carolina Tuition Grant (South Carolina residents only)..... | _____ |
| 18. Total amount of Financial Aid anticipated from sources outside Newberry College (Sum of 16 and 17)..... | _____ |
| 19. Financial Aid offered by Newberry College (see pages 30-35) for information on Financial Aid offered by the College and how to apply for the aid) | _____ |
| 20. Additional money needed to attend Newberry College for one year (Item 12 less the sum of 18 + 19) | _____ |

*Amounts used by the Financial Aid Office for student budget planning.

This is not an official document; it should be used only to help students and their parents plan anticipated annual financial needs at Newberry College.

FINANCIAL AID

FINANCIAL AID

The Newberry College *Financial Aid Office* 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. In addition, students must complete an Institutional Aid Application to receive institutional aid.

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 Department of Education selects approximately thirty percent (30%) 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 (SC) 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 (12) 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 (10) 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 Stafford Loans, all first-time borrowers are required to complete an entrance interview. First-year, first-time undergraduate Federal Stafford Loan borrowers' loan proceeds will not be posted to their accounts until thirty (30) full days after the first day of classes.

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. 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.

14. 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.

15. A student pursuing an additional undergraduate degree may be eligible for Federal Work Study, Federal Perkins Loan, or Federal Stafford 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, Spring Semester, and Summer II Session. Students will be notified at the end of Fall and Spring semesters 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.

If a student receives a grade of “W” (Withdraw) or “I” (Incomplete), neither the Cumulative GPA nor the semester hours earned are affected; therefore, SAP is not affected. However, once an “I” is addressed (which must be done before Reading Day of the following semester), the academic record is adjusted appropriately relative to the earned grade. If an “I” is not addressed by the deadline, it is incorporated into the academic record as an “F” (Failure). In both cases, SAP is affected.

When a student repeats a course at Newberry College, the highest grade received is used in calculating the Cumulative GPA. Hours attempted for both courses are included in the Cumulative Attempted Hours. SAP is affected.

Newberry College does not offer non-credit remedial courses.

When a student who has been dismissed for academic reasons is readmitted, the student will not be eligible for financial aid. However, s/he 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 Subsidized Stafford Loan—A long-term, low-interest loan (variable rate with a cap); 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 Stafford Entrance Interview and a Stafford Master Promissory Note.

Federal Unsubsidized Stafford Loan—A long-term, low-interest loan (variable rate with a cap); 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 a Stafford Entrance Interview and a Stafford Master Promissory Note.

Federal Parent Loan for Undergraduate Study (PLUS)—A long-term, low interest loan (variable rate with a cap) 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 thirty 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.

South Carolina HOPE Scholarship—A \$2,650 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.

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: **Trustees, Founders, Presidential, 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 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.

Academic Excellence Awards

In order to reward students who are thriving academically, Newberry College offers the following Academic Excellence Scholarships to rising sophomores, juniors, and seniors:

- **\$1,000 Academic Excellence Award.** At the end of an academic year, students who have a cumulative Dean's List Average at Newberry College earn the Academic Excellence award of \$1,000 for the next year.
- **\$500 Academic Excellence Award.** At the end of an academic year, students who do NOT have a cumulative Dean's List Average at Newberry College, but in fact do have a Dean's List average for the academic year, earn the Academic Excellence award of \$500 for the next year.

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 an environment in which learning can take place. 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 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 are student government, 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 an all day "New Student Orientation" session. All new students (first time freshman and transfers) are required to attend New Student Orientation during the summer (or spring) before enrolling in classes. While attending New Student Orientation, students will be given the opportunity to meet with their faculty advisor; register for classes; and complete other new student logistics.

Students who have been accepted into the College, and have paid their new student deposit fees, will receive a registration package to attend New Student Orientation. Sessions are on a first-come, first-serve basis. Students enrolling for the fall semester are required to attend sessions in June, July, or early August. Students enrolling for the spring semester are required to attend the session in early January. The *Office of New Student Orientation* is located in Derrick Hall.

STUDENT ACTIVITIES

Participation in student activities at college is an integral part of the student's collegiate experience. With nearly 40 organizations, including nine (9) Greek organizations, students have every opportunity to be involved and active at Newberry. The organization can range in interest from academic to service and from student government to social. A complete list of student organizations can be found on the Newberry website at: www.newberry.edu/studentaffairs/studentlife.asp.

KAUFMANN HALL

Kaufmann Hall serves as the campus hub for students to meet, check mail, study, socialize, check their e-mail, 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. Kaufman 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. The NCSGA Executive Officers and Senate are elected annually by the student body. The *Student Government Office* is located in Derrick Hall.

COUNSELING SERVICES

A licensed independent social worker is available Monday–Thursdays during the afternoon for individual therapy and other mental health related issues. Students wishing to make appointments may do so via phone or e-mail.

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 Advising will assign each student an advisor during Orientation. The relationship between the advisor 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.

Students need the approval of their advisor to enroll in any course or to make changes in class schedules.

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, located on campus 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.

CAREER SERVICES

The *Office of Career Services* seeks to facilitate career development for all of Newberry College students through intensive and thorough career counseling and career analyses. The *Office of Career Services* provides services (to current students and alumni) that include: career counseling; personality testing; job search; resume writing assistance; resume critique; interview techniques; graduate school searches; application assistance for standardized testing; and internship opportunities while also providing on-campus Career, Educational, and Graduate School fairs. The *Office of Career Services* is located Derrick Hall.

WELLNESS SERVICES

Each student must complete a medical history form and a record of immunization. Students are also required to have a Tuberculosis Test within one year prior to admission. If this form is not on file in the Nurses Office in Smeltzer Hall, medical services will not be provided. The required medical form is sent to new students from the office of Student Affairs. A medical form is also available on-line under wellness services

Newberry Hospital is near the campus and may be used for treatment of illness or injury requiring hospitalization. A Physician Assistant is available one day per week on campus to see students.

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.

CAMPUS HOUSING

Living in College 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. College housing encourages and helps students acquire emotional stability and intellectual maturity.

Starting with the 2000 Class, students with fewer than ninety-two credit hours and who are not living with parents or with legal guardians within commuting distance of Newberry are required to live in College housing and participate in a college meal plan. Upper-class students are encouraged to continue their experiences and education by living in college housing. Exceptions to this rule must be approved prior to the move by the Director of Residence Life.

Residence halls are closed for Thanksgiving, Christmas, Spring Break, Fall Break, Easter 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 vacation. Students should consult the College Calendar found on pages 4-6 of the catalog 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. It 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.

Men's Housing Facilities

The College has one men's residence hall (Brokaw). The furnishings in each room include two of the following items: single beds (sometimes bunked), closet, desk, chair, dresser, and desk shelf. Brokaw is a tobacco and alcohol free facility.

Women's Housing Facilities

Newberry has one women's residence hall (Kinard). Each room is furnished with two desks, two chairs, two dressers, two single beds (sometimes bunked), closets, two desk shelves, a shelf, a sink, and medicine chest. Kinard is a tobacco and alcohol free facility.

Co-Ed Housing Facilities

The College has three co-educational residence halls, Cromer, East, and Smeltzer.

In Smeltzer and Cromer, the rooms are furnished with two desks, two chairs, two dressers, two single beds (sometimes bunked.), closets, two desk shelves, a shelf, and a sink. Smeltzer Hall is a tobacco-free facility and some floors are alcohol-free. Cromer is Hall is a tobacco and alcohol free facility.

In East Hall, each bedroom is furnished with two desks, two desk chairs, two dressers, two single beds with extra long mattresses, two wardrobes, and two shelves. There is one loft kit in each two bedroom housing two students. East Hall is a tobacco-free facility and some rooms are alcohol-free.

Students are expected to furnish bed linens, pillows, blankets, bedspread, towels, and washcloths, and area rugs, if desired.

Dining services (Sodexo Food Service)

Newberry College has contracted the services of Sodexo Campus Services to provide the College's food service for students, faculty, and staff. Sodexo believes good food and good service are essential to happiness and well-being. Sodexo provides three guarantees: to purchase only top quality foods; to select and prepare foods according to student preferences; and to serve meals in an appetizing and friendly manner. Cafeteria service is self-serve and students are entitled to unlimited servings with the single exception of premium entrees served at special meals.

The cafeteria operates on a buffet-style service, and a variety of meal plans exist. Information is provided over the summer regarding the meal plans, or students may contact the *Office of Residence Life* at extension 5148 for information.

Meal plans are available for purchase for off-campus students and are required for on-campus residence. Meal plan options are as follows: **Please note that plus points may not be carried over from semester to semester.*

- 19 Meal Plan – Provides for nineteen meals each week.
- 15+ Meal Plan – Provides a choice of fifteen meals each week and \$150.00 of plus points per semester to be used in the snack bar and dining hall.
- 10+ Meal Plan – Provides for ten meals each week and \$187.50 of plus points per semester to be used in the snack bar and dining hall.

All residents are required to purchase one of these meal plans. **NO EXCEPTIONS ARE AVAILABLE.**

Commuter students may choose from the following:

- Indian Plan – Provides ten meals during a week and allows for flex funds to be used in the snack bar or cafeteria.
- Flex Plan – Allows students to put any dollar amount over \$100.00 on their account, which can be used in the snack bar or cafeteria.

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 (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, and Tennis 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 to participate in that 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, lasertag, and wallyball. Information about intramural sports can be found on the web at: www.newberry.edu/studentaffairs/intramurals/default.asp.

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 43.

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 56.

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 the commencement ceremony. 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 7 for regular Monday-Wednesday-Friday schedules and regular Tuesday-Thursday schedules as well as the Thursday Convocation Schedule for special occasions.

CREDIT HOURS

The semester hour is the basis of all credits. Most classes give three semester hours of credit; science classes with laboratory periods give four hours of credit. 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.

COURSE LOAD

The minimum load for a regular full-time student is twelve credit hours each semester. The normal load is fifteen to nineteen hours, but a student with a cumulative grade-point average (GPA) of 3.0 or higher may register for a maximum of twenty-one credit hours each semester.

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 “W”, “P”, “S”, “I”, “U”, “NC”, and “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 |
| I | Incomplete |
| NC | No Credit |
| NR | No Grade Reported |

The grade of Incomplete (i.e., “I”), is to be given to a student only in extenuating circumstances.

An Incomplete (“I”) must be removed before the end of the following semester. Failure to remove the “I” will change the grade to “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.

Complete reports of grades and credits are sent by the Registrar to the student, or parent, as 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 the report is not only to inform the student and/or the parents, but to secure the cooperation of all concerned with the College in bringing the student to the highest possible academic achievement.

The end-of-term report is supplemented by an unofficial mid-semester grade report. At mid-semester, instructors review their students' progress. Instructors assign letter grades for all students.

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. Instructors may establish specific attendance policies governing their classes and will provide them to their students at the beginning of each term. (See *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.

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

At the discretion of the instructors, 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, 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 make a policy statement with reference to the examinations exemption.

DECLARING A MAJOR

In order to earn a 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 a minimum of 30 semester hours in a single discipline. Some majors have over sixty hours of required course work. It is possible to double-major in two majors granting the B.A. degree, or in two majors granting the B.S. degree. A student may also double major across fields, but will receive only one degree (a B.S., a B.A., a B.M., or a 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:

1. Successfully complete a minimum of 126 semester hours with at least a minimum grade-point average of 2.0 on degree credits attempted at Newberry College;
2. Complete the Core Curriculum, pages 60-63
3. Complete all requirements for a major;
4. Attend the required number of Fine Arts and Lectures events, page 43;
5. Demonstrate Level 3 communication skills before being certified for graduation. (See Communication Across the Curriculum Program, page 42)

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 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 hours at Newberry College.

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 at the time of original enrollment, or the 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 provided for 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) almost 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*, (see <http://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 strongly encouraged to complete all CACP papers and Fine Arts and Lecture (FAL) requirements prior to student teaching.

Students transferring to Newberry College (or returning after being out a semester or more), 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 have earned at least fifty-six semester hours at Newberry College (or, in the case of a transfer student, he or she 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.

All Newberry College students are required to complete Level 1, Level 2, and Level 3 requirements as defined in the *CACP Student Manual*.

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, (dbrown@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.asp). **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**. Students must complete CACP 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.

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 Fine Arts and Lectures Committee, such as Faculty Lecture Series
4. Other designated fine arts programs or special lecture presentations as announced, including 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.

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 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 from the top ten percent of the senior class. New members 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 \$1.00 for each copy. The first official transcript of a student's record at Newberry College is furnished without charge. A fee of \$5.00 is charged for each additional copy. An additional fee of \$2.00 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 \$50.00 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 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 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 (12 months). 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.

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 25.

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 Registrar's Office. 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 or Division 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 typewritten or computer-generated 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 or Division 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.

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.

CORE CURRICULUM ASSESSMENT TEST

All Freshmen, Transfers, and Juniors are required to take a core curriculum assessment test for purposes of evaluating the Core Curriculum. The assessment test will be administered to Freshmen and Transfers at the beginning of Fall Semester and to Juniors at the beginning of Spring Semester.

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.

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/Division.

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.

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 three weeks prior to the commencement of services. 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 Disability Services*, Academic Affairs.

NEWBERRY COLLEGE CATALOG

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.

ACADEMIC PROGRAMS AND OPPORTUNITIES

HONORS PROGRAMS

As part of its commitment to academic excellence, Newberry College has two honors programs: Summerland Honors 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 Community Program is structured upon the theme, Quest for Identity, and will afford opportunities to explore this essential question from a number of vantage points. Indeed, each of the three years of paired, interdisciplinary seminars focuses on a particular perspective concerning this quest for identity.

Year one studies the question from the perspective of the arts and humanities. Year two examines the question through the lens of the natural sciences. The third year probes 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 ask students to reflect and build on the preceding three-year experience.

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

Six Summerland Honors seminars are required to graduate from the Summerland Honors Program. Students must also complete the Senior Capstone Experience. Students completing the Summerland Honors Program will receive 25 semester hours of credit. See pages 153-154 for a description of the seven honors courses.

Departmental Honors

Individual departments may identify outstanding majors during the student's junior year. Students approved by a department to pursue honors work 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.

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. 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 Summerland Honors and 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, a four-week period of travel and experiential courses, is 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, and 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 2007 Summer School classes begin June 4, the first session ends July 6. The second term begins July 9 and continues through August 3.

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 44.)

A Summer Session Catalog 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 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.

Engineering Dual Degree Program with Clemson University

The Dual Degree program offered by Newberry College in cooperation with Clemson University College of Engineering requires three years of course work at Newberry College and two years at Clemson. Upon successful completion of the program, the student will receive a B.S. degree from Newberry College in Mathematics and Computer Science and a B.S. degree in Engineering from Clemson University in one of the following nine fields:

Agricultural Engineering
Ceramic Engineering
Chemical Engineering
Civil Engineering
Computer Engineering

Electrical Engineering
Engineering Analysis
Industrial Engineering
Mechanical Engineering

Students are required to take 55 hours of chemistry, computer science, mathematics, and physics courses. Required courses are Chemistry 113, 114; Mathematics 211, 212, 227, 300, 334, 341, 342, 433; Computer Science 156, 340, 430; Physics 213, 214, 451.

Agricultural engineering students should take Chemistry 231.

Chemical engineering students should take Chemistry 231 and 232.

Chemical, Civil, or Industrial engineering students should take Mathematics 200.

Students who complete the five-year program of study will have received the experience of dividing an academic career between the liberal arts environment of a small college campus and the engineering climate of a large technically oriented university. This unique combination of study on two differently oriented campuses will provide students with excellent engineering training strongly complemented by extensive study in the humanities and social sciences.

For further information, see Dr. Otis Walker, Associate Professor of Mathematics and Physics.

Forestry and Environmental Management Dual-Degree Program with Duke University

Newberry College offers a cooperative program with Duke University in Durham, North Carolina, in the areas of Forestry and Environmental Management. Students may earn the bachelor's and master's degree 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 (MF) or Master of Environmental Management (MEM) 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, Chemistry, and Veterinary Technology 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.

Cytotechnology Dual Degree Program with Medical University of South Carolina

A dual degree program agreement in Cytotechnology exists with the Medical University of South Carolina (MUSC), Charleston, South Carolina. Students typically will complete 90 semester hours of course work at Newberry College and then transfer to MUSC for three years. After one successful year at MUSC, a B.S. degree with a major in Biology is conferred by Newberry College (assuming completion of CACP and Fine Arts and Lectures requirements as

outlined on page 44), and the respective M.S. degree is conferred by MUSC upon completion of the program.

In agreement with MUSC, students may earn a Master of Science (M.S.) degree in Cytotechnology. According to MUSC, "through microscopic evaluation, the cytotechnologist plays a vital role in the diagnosis of pre-malignant and malignant tumors from all of the body organs, including but not limited to the respiratory, gastrointestinal, and urinary tracts, body cavities, and gynecological and breast specimens. "For admission to MUSC, students should have a minimum 3.0 GPA in courses at Newberry College and a score of 1000 or higher on the GRE, verbal and quantitative sections.

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, 331; Chemistry 113, 114, 231, 232; one of the following Biology 322, 342 or 401; and Mathematics 150. As part of the core, students must take Psychology 120 and Sociology 101.

Acceptance into MUSC is competitive. Students have a better chance at acceptance when their minimum cumulative GPA is above 3.0 and their GRE score is over 1000 (verbal and quantitative) or 1500 (verbal, quantitative and analytical).

For further information, see Dr. Catherine D. Lovett, Assistant Professor of Biology.

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, South Carolina. 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 401 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, see Dr. Catherine D. Lovett, Assistant Professor of Biology.

PRE-LAW PROGRAM

The Pre-Law Program is coordinated Dr. Steven 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. A major in one of the following areas: 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. Accounting 210, History 121 and 122, and Political Science 121 and 122 are considered prerequisites by certain Law Schools.

PRE-PROFESSIONAL HEALTH AND SCIENCE PROGRAMS

Students intending to prepare for any of the health and science programs (**Dentistry, Medicine, Nursing, 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. The final details should be worked out with the assistance of the Director of Pre-Professional Health and Science Programs.

Dr. Catherine D. Lovett, Assistant Professor of Biology, serves as the Director of Pre-Professional Health and Science Programs to guide and counsel students who intend to prepare for entrance to medical, dental, nursing, occupational therapy, pharmacy, physical therapy, and veterinary medicine schools.

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 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 a rough estimate of the time 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 or division 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.

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/Division 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."

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.

EXPERIENTIAL LEARNING

Experiential learning is learning that takes place outside the classroom in a variety of field settings. Newberry College offers three types of experiential learning: internships/externships, practica, and service learning.

Internships/externships, practica, and service learning provide opportunities to achieve the College's objectives as outlined in the mission statement. In particular they provide opportunities for students:

1. to apply knowledge gained in the classroom to a practical setting,
2. to apply methods of analysis,
3. to apply critical thinking skills,
4. to apply moral reasoning,
5. to gain self-understanding and self-reliance,
6. to develop the ability to learn in a self-directed manner,
7. to explore career options, and
8. to develop social awareness and habits of responsible citizenship.

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:
 - a. approval by sponsoring on-campus professor
 - b. approval by advisor
 - c. approval by department/division chair
 - d. approval by Vice President for Academic Affairs
3. Departments/Divisions 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.

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.

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 79-80.

Service Learning/Work Experience

Students at Newberry College are encouraged to offer their time, energy, and skills to people and programs in need in the local community. Campus organizations and athletic teams participate in civic projects, the Student Affairs Office supports charitable activities, and students often take the initiative on their own to make a difference. Students are also encouraged to participate in the Values Based Learning Program.

VALUES BASED LEARNING PROGRAM

Every known religion and philosophy emphasizes the responsibility of each person to the society and attaches importance to the extension of service to others. There is a fundamental recognition that a person's values will necessarily be reflected in patterns of behavior and that these ought to benefit society as a whole. Therefore, "values based learning," which integrates Christian values into community experiences, is appropriate for every student. The heritage of Newberry College as a Christian institution with strong Lutheran roots enhances the desirability of nurturing what Luther called "Christian Vocation." He used this term to indicate that not only ordained ministers but all Christians are called to serve, as the manifestation of the life in Christ. The College's Mission Statement explicitly identifies this as a goal stating, "The Lutheran tradition also celebrates the concept of vocation, leading students to prepare for meaningful life experiences, occupations, and service to the world as well as to the church." The Values Based Learning Program seeks to promote within students just this sense of living in response to a call to community involvement that is rooted in the individual's deepest values.

Student Responsibilities:

Students who choose to participate in the program may earn one of three levels of recognition by completing 7, 10, or 13 or more VBL credits. Students must complete at least one 3-hour course offering VBL credit. Students may fulfill the remaining credits through any combination of the following:

1. Complete ethics courses beyond the Core requirement with a "C" or better.
2. Pass any course designated as offering VBL credit and receive a grade of "C" or better on the Community Involvement Project (CIP).
3. Participate in CIPs undertaken by campus organizations (Greeks, athletics, etc.) for the number of credits determined in advance by agreement with the VBL Oversight Committee.
4. Devise and complete an independent CIP for the number of credits determined in advance by agreement with the VBL Oversight Committee.

For further information please contact the Dr. Joe McDonald, Director of the Values Based Learning Program.

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

LTC Walt Pjetraj, Professor of Military Science

Instructors: MAJ Kerri Clapper; MAJ Neil Anderson, CPT Brian Carlin, and MSG David Winder.

Newberry College is cross-enrolled with Presbyterian College's Army ROTC program. All ROTC classes are taught at Newberry College. Labs are taught at Presbyterian College Thursday afternoons which allows students to apply what they have learned in the classroom. 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.

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, students who have successfully completed ROTC training are awarded a commission as a Second Lieutenant in the U.S. Army, Army National Guard, or the U.S. Army Reserve. To prepare students to become commissioned officers, the ROTC program combines college courses in military science with hands on summer training. The military science **Four-Year Program** 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 and focuses on both basic military skills such as customs and courtesies, land navigation, marksmanship, and patrolling as well as life skills. These skills consist of management principles, values, and ethics, decision-making, problem solving, and leadership development. There is no military obligation for participation in the Basic Course and 2 credit hours are added per semester. All ROTC books, uniforms, and equipment will be furnished at no cost to the student. The Thursday afternoon Labs are optional for non-scholarship Basic Course students. 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 previous military experience.

The **Advanced Course** is limited to students who have completed (or have received credit for) the Basic Course and have demonstrated the leadership potential and academic capability to become an Army officer. Students receive 3 credit hours per semester and Thursday afternoon Labs are mandatory. The course provides instruction in advanced leadership development, military history, training management, tactics, logistics, and the military justice system. All students enrolled in the ROTC Advanced Course receive a monthly stipend of \$450 junior year and \$500 as a senior. Advanced Course students attend a four-week ROTC Leadership development and Assessment Camp (LDAC) at Fort Lewis, Washington, during the summer between their junior and senior years. Students receive travel expenses, room and board, medical and dental care, and a salary while attending LDAC.

Both men and women may enroll in ROTC and apply for Army ROTC scholarships. High school seniors applying to Newberry College may compete nationally for a four-year scholarship. Once enrolled, Newberry College students may apply for 4, 3.5, 3 and 2 year campus based scholarships that pay tuition and fees, books, and a monthly stipend of \$300 freshman year and \$350 sophomore year. Additionally, Newberry College offers free room and board to all ROTC scholarship recipients as an additional incentive.

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.

Two-Year Program

Students who miss the first two years of ROTC, are a graduate of a junior or community college, or are entering a two-year post graduate course of study, may still qualify for a commission through the Two-Year Program.

In this program, students first attend the ROTC Leadership Training Camp (LTC) at Fort Knox, Kentucky for four weeks between the sophomore and junior years of college. Upon successful completion, students are eligible to enter into the Advanced Course. For those that qualify, 2 year full ride scholarships are available upon graduation from LTC. Students receive travel expenses, room and board, medical and dental care, and a salary while attending LTC.

Simultaneous Membership Program

Yet another way to get a head start 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 for the Guard/Reserve training 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.

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.

For additional information, contact the Professor of Military Science at 1-800-274-7682.

Core Curriculum

Satisfactory completion of courses in Military Science that award at least 2 semester hours satisfy the Physical Education requirements in the 2005 Core Curriculum in Area H.

Course Descriptions

See pages 159-161 for Military Science (MSC) course descriptions.

DEGREES

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

Bachelor of Arts

In 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—Instrument, Organ, Piano, or Voice; Church Music, and Music Theory), Political Science, Psychology, Religion and Philosophy, Sociology, Spanish, and Theatre (Concentrations in Acting, Directing, and Technical Production).

Bachelor of Music

In the Bachelor of Music degree program, students may major in Performance. (See page 91.)

Bachelor of Music Education

In the Bachelor of Music Education degree program, students may major in Music Education (Choral or Instrumental). (See pages 91-92.)

Bachelor of Science

In the Bachelor of Science degree program, students may major in Biology, Business Administration, Chemistry, Chemistry with Forensic Science Concentration, Computer Science and Business, Early Childhood Education, Elementary Education, Mathematics, Mathematics and Computer Science, 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 50-52.

MAJORS

Every degree candidate must complete all requirements for one of the major fields of study offered by Newberry College. (See the list on pages 64- 65.)

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 are listed on pages 67-111.

Regulations for formal declaration of a major appear on pages 40- 41.

Each degree candidate selects a major field of study by the beginning of the junior year. Descriptions of majors and a list of courses required for each major are provided on pages 67-111. Course descriptions are provided on pages 112-198. Some major field requirements also satisfy Core Curriculum requirements.

MINORS

A student may elect 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. Twenty-eight minors are offered: Art, Biology, Business Administration, Chemistry, Church Leadership, Church Leadership AIM, Church Music, Coaching, Communications, Computer Science, Creative Writing, Criminal Justice, English, Environmental Science, History, Jazz Studies, Mathematics, 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 following section entitled Majors, Concentrations, and Minors, pages 67-111.

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), Social Sciences (SSC), and Military Science (MSC), 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, CONCENTRATIONS, AND MINORS

The next section contains information about academic programs offered by departments, major and minor requirements, core curriculum information, and fees.

COURSE DESCRIPTIONS

All course descriptions, for all departments and disciplines, are listed in alphabetic order by name of discipline in a separate section, COURSE DESCRIPTIONS, on pages 112-198.

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 43) and by fulfilling the Fine Arts and Lectures requirement (page 43). 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.

1995 CORE CURRICULUM REQUIREMENTS FOR STUDENTS WHO ENTERED NEWBERRY COLLEGE BEFORE AUGUST 22, 2005

CORE CURRICULUM REQUIREMENTS FOR STUDENTS

The Core Curriculum (**43-50 semester hours**) required of ALL students is as follows:

- A. Communication Skills** **9 hours**
1. English 111, 112 - Freshman English (6 hours)
 2. Speech 110 - Public Speaking (3 hours)
- B. Foreign Language** **0-6 hours**
1. **Two consecutive semesters of one language satisfy Core Requirements for B-1.**
Hours required are based on competency examinations.
(Students can test out of 101 and take 102 or test out of 101 and 102 courses in French, German, Greek, or Spanish based on examinations administered by the College or AP credit or CLEP scores.)

- C. Mathematics and Natural Sciences** **10-11 hours**
1. Laboratory Science (Biology, Chemistry, Physics or Science) (4 semester hours)*.
 2. Mathematics course (3 semester hours)*.
 3. One additional 3- or 4-semester hour course from Biology, Chemistry, Computer Science, Mathematics, Physics, or Science, or a choice of Philosophy 110 (Logic), or Social Sciences 230 (Statistics), or Honors 201 or Honors 202 (3 or 4 semester hours).
 4. Honors (HON) 201 - 202 satisfy Core Requirements C-1 and C-3.
- D. Religion** **3 hours**
1. One semester of Religion 110 - Biblical Studies (3 hours)
- E. Humanities/Fine Arts** **9 hours**
1. Humanities 250 or any English course from English 221 or higher (3 semester hours).
 2. One additional course from English 221 or higher*, Humanities, Philosophy, Religion, Art 211, or Speech 204 (3 semester hours) or Honors 101 or Honors 102. (*Philosophy 110 [Logic] does not satisfy the Humanities/Fine Arts requirement of the Core.*)
 3. Fine Arts* -- One three-semester hour course from Art 101 or Art 181, Music*, or Theatre* (3 semester hours).
 4. Honors 101 - 102 satisfy all Core Requirements for Area E.
- F. History and Social Sciences** **9 hours**
1. One course from: (3 semester hours)
 - a. History 111, 112 - Survey of Civilization OR History 121, 122 – United States
 2. Two courses -- one course each from two of the following areas: (6 hours)* Economics, Geography, History, Political Science, Psychology, and Sociology, and Honors 301 or Honors 302.
 3. Honors 301 - 302 satisfy all Core Requirements for Area F.
- G. Physical Education** **2 hours**
1. Physical Education 110 - Concepts of Life Maintenance
- H. College Life** **1 hour**
1. College Life 101- Introduction to College Life (required during first semester of enrollment)

*Individual courses that satisfy or do not satisfy Core requirements in each Area are listed with departmental course descriptions.

All students will be required to demonstrate competency in the following areas: reading, writing, fundamental mathematical skills, oral communication, and the basic use of computers.

Teacher Education students should see pages 77-81 for Core Curriculum requirements for teacher certification.

Fine Arts and Lectures Requirement — Three cultural programs are required each semester. See Graduation Requirements beginning on page 43.

**2005 CORE CURRICULUM REQUIREMENTS
FOR A NEWBERRY COLLEGE DEGREE FOR STUDENTS
WHO ENTER NEWBERRY COLLEGE ON OR AFTER AUGUST 22, 2005**

The Newberry College Core Curriculum requires **46-54** semester hours of **ALL** students in the following areas:

| | |
|--|--------------------|
| A. COLLEGE LIFE | 1 hour |
| 1. COL 101 – (1 hour) | |
| 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 or HUM 250 (3 hours) | |
| 2. One designated course from ENG, HUM, PHI, REL, GER, FRE, SPA, ART 211, MUS 151, SPE 204 (3 hours), or HON 101 or HON 102 (Philosophy 110 [Logic] does 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) | |
| ~ OR ~HON 101 & HON 102 satisfy all Core class requirements for Area C. | |
| 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 VALUES | 6 hours |
| 1. REL 110 (3 hours) | |
| 2. BUA 311, BIO 114, REL 213, PHI 120, PHI 312, PHI 220, or other designated Ethics-specific course (3 hours) | |
| G. FOREIGN LANGUAGES | 0-6 hours |
| 1. Hours required are based on mandatory competency examinations. Students must earn required hours in the same language and above placement level. (<i>Students can test out of 101 and take 102 or test out of 101 and 102 courses in French, German, Greek, or Spanish based on examinations administered by the College or AP credit or CLEP scores.</i>) | |
| H. PHYSICAL EDUCATION | 2 hours |
| 1. Two semester hours selected from: TWO different PHYSICAL EDUCATION activity courses; or MUE 101 and ONE PHYSICAL EDUCATION activity course; or MILITARY SCIENCE courses (2 hours) | |

I. OTHER GRADUATION REQUIREMENTS

1. **COMMUNICATION ACROSS THE CURRICULUM PROGRAM** (CACP) – See requirements page 44.
2. **FINE ARTS & LECTURES EVENTS** (FAL) – See requirements page 43.
3. **TECHNOLOGY** – All students must pass a Basic Use of Computers Competency Test. See requirements page 43.

NOTE: Students enrolled at Newberry College prior to August 22, 2005, may elect to complete the requirements in the 2005 Core Curriculum or the 1995 Core Curriculum; however, they **must** select one core and complete all the requirements in that core.

- All students will be required to demonstrate competency in the following areas: reading, writing, fundamental mathematical skills, oral communication, and the basic use of computers.
- For designated courses that satisfy Core requirements in each area, please refer to course descriptions by department beginning on page 67.
- An individual course may satisfy only one Core requirement.

CHANGES TO CORE REQUIREMENTS 2006

1. The Core will have a four-course (12 hours) requirement under Religion and Values.
2. The Core will no longer require mandatory competency examinations and/or course completion requirements under Foreign Languages.

In order to provide more flexibility in meeting the new four-course requirement, two alternatives tracks will be offered.

Alternative I

| | |
|--|---------|
| REL 111 Old Testament..... | 3 hours |
| REL 112 New Testament..... | 3 hours |
| Any Ethics Course..... | 3 hours |
| Any other Religion and/or Ethics Course..... | 3 hours |

Alternative II

| | |
|--|---------|
| REL 110 Biblical Heritage..... | 3 hours |
| Select any of the following courses on Luther and/or the Reformation | 3 hours |
| HIS 322 The Reformation & Early Modern Europe | |
| REL 322 History of Lutherans and Lutheranism | |
| REL 380 Lutheran Theology and Confessional Writings | |
| REL 203 History of Christianity I: From the Apostles to the Reformers | |
| Any Ethics Course..... | 3 hours |
| Any other Religion and/or Ethics Course..... | 3 hours |

First year students who enroll the fall of 2006 may elect the 2005 Core; may take REL 110, The Biblical Heritage, the fall or spring of 2006-2007 to complete course requirements under Alternative II; or, elect to take the REL 111, 112 Old Testament/New Testament (new courses) the fall and spring of 2007-2008 and complete course requirements under Alternative I presented above.

ACADEMIC AREAS OF STUDY

ARTS AND SCIENCES PROGRAM

1. Department of Humanities, Social, and Behavioral Sciences

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

2. Department of Religion, Philosophy, and Church Leadership

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

3. Department of English, Literature, and Languages

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

4. Department of Mathematics, Physics, and Computer Science

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

5. Department of Life and Health Sciences

| Degree | Major | Concentration | Minors |
|---------------|--------------|--|----------------------------------|
| B.S. | Biology | Teaching: Sec. Biology | Biology Environmental Science |
| | Chemistry | Pre-Veterinary Studies Forensic Science | Chemistry |

ACADEMIC AREAS OF STUDY

PROFESSIONAL STUDIES PROGRAM

1. Department of Business

| Degree | Major | Concentration | Minors |
|---------------|-------------------------|----------------------|-------------------------|
| B.S. | Business Administration | | Business Administration |

2. Department of Education

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

3. Department of Physical Education

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

4. Department of Theater, Visual Arts, and Communications

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

5. Department of Music

| Degree | Major | Concentrations | Minors |
|---------------|-----------------|---|---------------------------------------|
| B.A. | Music | Applied Music Church Music Music Theory | Music Church Music Jazz Studies |
| B.M.E. | Music Education | Choral Instrumental | |
| B.M. | Performance | | |

DEGREE PROGRAMS WITH OTHER UNIVERSITIES, INSTITUTIONS

See pages 50-52.

| | |
|--|--------------------------------------|
| Engineering | Clemson University |
| Cytotechnology | Medical University of South Carolina |
| Forestry and Environmental Management..... | Duke University |
| Medical Technology..... | Palmetto Baptist Medical Center |

PRE-PROFESSIONAL PROGRAMS

See 52-53.

| | | |
|-----------|----------------------|---------------------|
| Dentistry | Nursing | Physical Therapy |
| Law | Occupational Therapy | Veterinary Medicine |
| Medicine | Pharmacy | |

INDIVIDUALIZED MAJOR

Students whose interests cross traditional disciplinary and departmental lines, and who are not satisfied with 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).
- (2) At least 18 semester hours from a single department.
- (3) Approval by two faculty advisors and the Vice President for Academic Affairs.

MAJORS, CONCENTRATIONS, AND MINORS

Art

Department of Theatre, Visual Arts, and Communications
Patrick Gagliano, Department Chair

Art Faculty:

Associate Professor: Bruce Nellsmith

Assistant Professors: Paula Riddle, Tania Sosiak

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. Most 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.

Course Descriptions

See pages 114-118 for Course Descriptions in ART.

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, 261, 264, 320, 361, 461, 464 (6 hours) for a total of 36 hours.

Art Minor Requirements (15 hours)

The Art minor requires 12 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 E-3 (1995 Core) and Area C-3 (2005 Core) 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 E-2 (1995 Core) and Area C-2 (2005 Core) is Art 211, Art Awareness.

Course Sequence

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

FEES

- Art 181 and 221—A \$20 is charged to cover cost of materials.
- Art 101, 102, 171, 231, 241, 242, 271, 274, 342, 343, 372, 375, 376—A \$40 fee is charged to cover cost of materials.
- Art 161, 261, 361, 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 affiliate program 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 Chair of the Division of Communication Arts.

Biology

Department of Life and Health Sciences
Charles Horn, Department Chair

Biology Faculty:

Professor: Charles Horn

Associate Professor: Bret Clark

Assistant Professors: Catherine Lovett;

Part-time Faculty: Gil Anderson, Charles Floyd, Rebecca Pugh

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, and veterinary medicine as well as prepare a student for admission to graduate schools of biology. Biology majors will also be prepared for application to forestry or nursing schools. 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 68-70 for Biology major and minor and pages 118-122 for course descriptions.
- **Chemistry:** See pages 72-73 for Chemistry major and minor and pages 125-128 for course descriptions.
- **Chemistry Major with Forensic Science Concentration:** See page 73 for Chemistry major with Forensic Science concentration and page 146 for course descriptions.
- **Cytotechnology:** See pages 51-52 for description of Dual-Degree Program with MUSC.
- **Environmental Science:** See page 70 for requirements for Environmental Science minor.
- **Forestry and Environmental Management:** See page 51 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 page 186 for courses descriptions.

Biology Course Descriptions

See pages 118-122 for Biology Course Descriptions.

Biology Major (B.S. degree) Requirements (53 hours)

A Bachelor of Science degree in Biology requires a total of 53 hours which includes

- 38 hours in biology: BIO 121, 122, 201, 212, 322, 331, 481, 482, and 12 hours of Biology from 200 level or higher, with 8 hours at the 300-400 level;
- 12 hours in chemistry: CHE 113, 114, 231;
- 3 hours in mathematics, MAT150.

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 MAT 200 and 211 and CHE 211.

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

Students preparing to attend graduate school programs in Biology are advised to take two years of a foreign language, BIO 111, MAT 200, 211, CHE 232, and PHY 213 and 214. A chemistry, mathematics, or physics minor is excellent preparation for graduate programs in Biology.

It is recommended that students beginning the B.S. program take BIO 121 and CHE 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 (pages 77-81) and must take the following Biology courses: BIO 121, 122, 201, 212, 215, 216, 322, 331, 391, and 431. They must also complete CHE 113, 114, MAT 150, PHY 101 or 213, SCI 110 and 321, and MAT 200 for a total of 64 hours.

Candidates should take EDU 101, 102, 103, or 104 during their freshman year. EDU 224 and EDU 229 or EDU 230 should be taken in different semesters during their sophomore year. These classes are prerequisites for all other education courses. Schedules for transfer students will be considered on an individual basis. All candidates must pass Praxis I reading, writing, and mathematics tests in order to take 300- and 400-level education courses, including EDU 382. Candidates must be admitted to Teacher Education before being allowed to take 400-level courses.

Teacher Education students should see pages 78-79 for the Core Curriculum for teacher education.

Dual Degree Programs

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

Cytotechnology Medical University of South Carolina
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 50-52.

Minor Requirements

Biology Minor (24 hours)

The Biology minor requires 24 hours as follows: BIO 121; 322; 12 additional hours of Biology courses or SCI 112 except BIO 101, 102, 110, 111, 391, 481, 482, 491, 492, 495, or 499 (see note below on BIO 101); and CHE 113 (as a prerequisite for BIO 322). A student cannot count both SCI 112 and BIO 114 toward the minor. Veterinary Technology majors may receive a minor in Biology if they complete BIO 201 and 322 in addition to the Biology courses needed for their major. A student who receives a “B” or better grade in BIO 101 or 130 may use that course to fulfill the BIO 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: BIO 121, 122, 201, CHE 113, and SCI 110, 112. Any two of these courses fulfill core requirements for laboratory science. For BIO 121, students may substitute Biology 101 with a grade of “B” or better. Environmental Science students are also recommended to take BIO 322, 402, 431; and CHI 114.

Environmental Science Minor—For Biology Majors (12 hours)

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

Core Curriculum

All four-hour Biology courses satisfy the Core Curriculum requirements in Natural Sciences, Area C-1 (1995) and Area D-1 (2005).

All three- and four-hour Biology courses satisfy the Core Curriculum requirements in Natural Sciences, Area C-3 (1995) and Area D-3 (2005).

Laboratory Fee

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

Business

Department of Business
Leighton Hartzog, Department Chair

Business Faculty:

Professor: Norman Masters

Assistant Professor: Leighton Hartzog

Visiting Assistant Professor: Gerald Seals

Part-time Faculty: George Edward Rollins, III; Paul D. Smith, Jr.

Non-Departmental Faculty: Donald Johnson-Taylor

The Department of Business Administration offers a curriculum designed to enable its majors to work in manufacturing, service, and other closely 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 administration 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 page 113 for course descriptions in Accounting (ACC).

See pages 122-125 for course descriptions in Business Administration (BUA).

See pages 133-134 for course descriptions in Computer Science (CSC).

See page 135 course descriptions in Economics (ECO).

Major Field

Business Administration 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)

In order to declare a Business Administration major, a student must have at least an overall "C" average in Accounting 210 and 220 and Economics 210 and 220.

A student who takes other required courses in the Business Administration major listed below can only count those courses toward the major upon the successful completion of Accounting 210 and 220 and Economics 210 and 220 with at least an overall "C" average (2.0) in Accounting 210 and 220 and Economics 210 and 220.

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, 351, 361, 362, 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.

(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.)

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.*

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 non-departmental Business Administration Minor consists of 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

Economics 210 or 220 partially satisfies the 1995 Core Curriculum requirement in Social Sciences, Area F-2, and the 2005 Core Curriculum, Area E-2.

Chemistry

Department of Life and Health Sciences

Charles Horn, Department Chair

Chemistry Faculty:

Assistant Professors: Christina McCartha; Sid Parrish; C. Bruce Bradley

The chemistry curriculum provides students with an opportunity to receive training in a scientific discipline, while pursuing a liberal arts education. The primary focus of the curriculum is to prepare science majors for graduate school, professional school (dentistry, medicine, pharmacy), industrial, or government positions.

The study of chemistry at Newberry College offers opportunities to explore through an inquiry-based program. Chemistry and chemistry with forensic science concentration majors gain a basic knowledge of analytical, inorganic, organic, and physical chemistry. Additional courses are offered in environmental chemistry and biochemistry with minors available in biology and environmental science. Many opportunities exist for students outside the normal classroom or laboratory setting. Students may elect to work on lab development, undergraduate research, or an internship off campus.

The forensic science concentration is the only one of its kind in South Carolina, Georgia, or North Carolina. Forensic science courses provide students with the opportunity to solve hypothetical cases and then defend their results, as if they were professional criminalists. 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.

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 118-122 for course descriptions in Biology (BIO).

See pages 125-128 for course descriptions in Chemistry (CHE).

See pages 133-134 for course descriptions in Computer Science (CSC).

See page 146 for course descriptions in Forensic Science (FSC).

See pages 156-159 for course descriptions in Mathematics (MAT).

See pages 176-177 for course descriptions in Physics (PHY).

See pages 188-190 for course descriptions in Sociology (SOC).

Chemistry Major (B.S. degree) Requirements (58 hours)

A Bachelor of Science degree in Chemistry requires 58 semester hours including 27 semester hours of required chemistry courses:

- 27 hours: Chemistry 113, 114, 211, 231, 232, 321, 445, 481, and 482;
- 12 hours from: Chemistry 322, 330, 375, 376, 401, and 446;
- 19 hours: Mathematics 211, 212; Physics 213, 214, and Computer Science 155.

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 (75-77 hours)

A Bachelor of Science degree in Chemistry with Forensic Science concentration requires 75-77 semester hours including:

- 19 hours of Chemistry: CHE 113, 114, 211, 231, 232, 481 and 482;
- 7 hours of Forensic Science: FSC 211, 212, and 342;
- 12 hours of Chemistry selected from CHE 321, 375, 401, and 445;
- 10–12 hours from CHE 322, 330, 376, and FSC 495;
- 5 hours of Biology: BIO 111, 121;
- 11 hours of Mathematics: MAT 200, 211, 212;
- 8 hours of Physics: PHY 213, 214;
- 3 hours of Sociology: SOC 246 or 347.

Students are also highly encouraged to take CHE 290 and/or CHE 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 CHE 113 and 114, BIO 121, MAT 150 and 211 during their freshman year.

CHE 445 and 446 have prerequisites in Mathematics and Physics that require additional course work. Some of this work may fulfill Core requirements.

Chemistry Minor Requirements (25 hours)

The Chemistry minor requires 25 hours as follows:

- CHE 113, 114, 211, 231;
- one course from CHE 321, 401, or 445;
- two electives from CHE 232, 321, 322, 330, 375, 376, 401, 445, 446, 480.

CHE 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 1995 Core Curriculum in Mathematics and Natural Sciences, Area C, and the 2005 Core Curriculum in Natural Sciences and Mathematics, Area D.

Forensic Science courses 211, 212 may satisfy the 2005 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 CHE 481, 482, and 495. A \$150 laboratory fee is charged for FSC 342. A \$95 laboratory fee is charged for FSC 212.

Church Leadership

Department of Religion, Philosophy, and Church Leadership
Michael Beggs, Department Chair

See Religion and Philosophy, pages 102-104, for requirements for the B.A. degree in Church Leadership.

Department of Theatre, Visual Arts, and Communications

Patrick Gagliano, Chair

See pages 67-68 for requirements for Art majors and minor.

See pages 114-118 for course descriptions in Art.

See pages 75-76 for requirements for Communications major and minor.

See pages 129-132 for course descriptions in Communications.

See pages 107-109 for requirements for Theatre and Speech majors and minors.

See pages 192-193 for course descriptions in Speech.

See pages 193-196 for course descriptions in Theatre.

The Division of Communication Arts provides students with six concentrations within three majors:

- **Art Major:** Studio Art Concentration and Graphic Design Concentration;
- **Communications Major:** A major in Communications with selected courses emphasizing Electronic Media, Journalism, or Public Relations.
- **Theatre Major:** Acting Concentration, Directing Concentration, and Technical Production Concentration.

Communication is an important part of the human experience, from the transmission of culture, to the passing of urgent information. The Division of Communication Arts teaches future professional communicators in the fields of traditional visual art, electronic media, journalism, theatre, scenic design, advertising / public relations, graphic design, and students from associated majors whose future career will require proficiency in writing, public speaking, electronic communications, and the practice of persuasive communication. In addition to providing technical proficiency for future professionals, the Division also strives to help students become ethical artists and communicators. Students rely heavily on their liberal arts education to prepare them for almost any task or problem they will face.

In addition to the liberal arts and artistic views provided by our program, the use of technology is stressed to all of our majors through intensive, one-on-one classroom and lab experiences with professionals that have taken time from their careers to acquire advanced academic degrees. Photographers work with state of the art photographic applications on modern computers. Video producers produce real video programs on modern digital video equipment. Visual artists have the opportunity to display their work in public settings. Acting students perform in a variety of different genres of theatre and technical theatre students use technical equipment compatible with professional industry standards.

The heavy emphasis on technology in the Division means that students in each discipline receive a combination of basic technique combined with new technology.

Facilities

The Division of Communication Arts has excellent facilities open to students during each year of their enrollment. These facilities are designed to be used by students as early as possible in their college careers, and are not restricted to seniors or graduate students. The Division facilities include the Langford (television) Studios, where the Department of Communications

is located; the Wiles Chapel Theatre, a complete scene shop; an art lab collocated with the Department of Art; art studios, and several alternate spaces both on and off campus.

Communications

Department of Theatre, Visual Arts, and Communications
Patrick Gagliano, Department Chair

Communications Faculty:

Assistant Professors: Marshall Maddy; Jodie Peeler

Staff-Faculty: Joel Boyter, Instructor of Communications and Director of Langford Communications Center

Part-Time Faculty: James Murray, Instructor of Communications

The curriculum of the Department of Communications combines technical training with a strong liberal arts-based 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.

Course Descriptions

See pages 129-132 for course descriptions in Communications.

Admission to the Department of Communications

When students begin study in the Department of Communications, they are classified as "pre-Communications" majors. Students may not formally be admitted into the Communications Department before they have satisfactorily completed the following by the end of their sophomore year:

- (1) Nine Communications credits;
- (2) Three COM 101 lab hours;
- (3) Six Fine Arts and Lectures credits;
- (4) The Level I CACP paper;
- (5) Two Level II CACP papers.

To be considered for admission to the department, a student must have a minimum overall grade point average (GPA) of 2.00, and a communications grade-point average (GPA) of 2.50. Students must also be ready to present and defend a collection of their work from their communications studies, including samples of their writing, creative work, and activities outside of class, which show that they have a potential to succeed in the Department. *Students are reminded that the application process is a required part of full admission to the major.*

A student interested in applying for full admission into the Communications program must do so by completing the Communications Department Application and submitting it during the designated period prior to the start of the junior year. Transfer students may apply for

admission if they have junior standing, and will be given special consideration, but may need to take one or more courses to meet basic department requirements.

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; and
- 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 BUS, 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 420; SPE 202; THE 101, 103, and 212.

In addition, students who are considering **graduate school** are urged to take COM 391 [the one-hour research course], 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.

Computer Science

Department of Mathematics, Physics, and Computer Science
Otis Walker, Department Chair

Computer Science Faculty:

Victor Terrana, Professor of Mathematics and Computer Science

Computer Science Minor Requirements (15 hours)

The Computer Science minor requires 15 hours:

- 6 hours: Computer Science 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.

Fees: A \$70 fee is charged for CSC 155, 156, 300, and 340.

Creative Writing

See Department of English, 83 for requirements for the Minor in Creative Writing.
See page 134 and pages 141-145 for course descriptions in Creative Writing and English.

Education

Department of Education
Cindy Johnson Taylor, Department Chair

Education Faculty:
Associate Professor: Cindy Johnson Taylor
Assistant Professors: Cathy Mitchell
Renee Stubbs

Goals and Vision of the Teacher Education Program

The goal of the Newberry College Department of Education is to produce knowledgeable, effective teachers who are models and facilitators of independent lifelong learning, who provide service to their school and community, and who demonstrate ethical professional behavior. The Department of Education envisions future teachers who are committed to providing well-designed curriculum that meets the needs of students from diverse backgrounds with a variety of learning styles. To help others become independent lifelong learners, teachers themselves must develop the proficiencies and dispositions requisite for teaching and learning as well as the professional skills for instilling these attributes in others. These teachers will be models of commitment to life-long learning and ethical professional behavior.

The education program is designed to help students to become efficient and effective classroom teachers who can use oral and written communication skills effectively as they teach the content to their students in meaningful ways. Graduates of the teacher education program are prepared to teach in public and private schools and to continue their own learning.

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. Currently, more than 1,700 Newberry graduates teach in elementary and secondary schools throughout the state.

Students may prepare to teach Elementary Education, Secondary Biology, 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. Newberry College is a member of the American Association of Colleges for Teacher Education.

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 has been submitted for review by the

American Alliance for Health, Physical Education, Recreation, and Dance (AAHPERD); Newberry College is awaiting a report from AAHPERD. The Music Education Program is accredited by the National Association of Schools of Music (NASM).

Education Program Requirements

Students should discuss their program requirements with the chair of the Department of Education and their major advisor early in their college career.

Students must successfully complete the entire **Early Childhood** program or **Elementary Education** program, including Student Teaching, to graduate with a B.S. in Education. Students who do not qualify for or who do not complete the program for teacher certification must meet the requirements of the major to which they change. Graduation with a B.S. in Early Childhood or Elementary Education does not guarantee state certification.

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, English, Mathematics, or Social Studies (history major). Students may prepare for PK-12 certification in Music or Physical Education. Graduation with a minor in Education does not guarantee state certification.

The **minor in education** is offered to students who qualify for teacher education in areas of study that lead to certification for secondary and PK-12 teaching. Those who minor in education must meet all education requirements, including Student Teaching. Students who do not qualify for or who do not complete the program for teacher certification may not elect the Education minor.

Candidates should take EDU 101, 102, 103, or 104 during their freshman year. EDU 224 and EDU 229 or EDU 230 should be taken in different semesters during their sophomore year. These classes are prerequisites for all other education courses. Candidates should complete EDU 282 Introduction to Educational Technology during the sophomore year and EDU 382 Technology and Teaching during the junior or senior year. Students with appropriate technology skills may test out of EDU 282 (see Department of Education for dates). All candidates must pass Praxis I reading, writing, and mathematics tests in order to take 300- and 400-level education courses, including EDU 382. Candidates must be admitted to Teacher Education before being allowed to take 400-level courses. Schedules for otherwise qualified transfer students will be considered on an individual basis. The State department of Education requires all candidates to be fully admitted to Teacher Education, including passing Praxis I tests, before being allowed to student teach.

Education Candidate Barrier Exam

All education 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. **Candidates should have passed all three tests by the second 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 tries, 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.**

Core Curriculum of 2005 for All Teacher Education Candidates

Education candidates entering in Fall Semester 2005 or later should adhere to the Newberry College 2005 Core Curriculum requirements, plus additional Education requirements. Education candidates who wish to participate in the Honors Program should work closely with their major advisor and an education advisor.

Area B. Oral and Written Communication Skills. Candidates must earn at least a "C" in each of these three courses: ENG 111, ENG 112, SPE 110.

Area C. Humanities and Fine Arts. For Area C-3, all education candidates should take two courses from ART 181, MUS 150, and THE 110. Music candidates are encouraged to take art or theater to broaden their perspectives; they may take MUS 151 in place of MUS 150.

Area D. Natural Sciences and Mathematics. Elementary candidates should take BIO 101 or BIO 130, SCI 110, and MAT 222 to meet core requirements. Secondary and PK-12 candidates should take science and math courses as required by their majors.

Area E. History and Social Sciences.

All candidates should take HIS 111 and HIS 112.

All candidates must take PSY 332 and **either** HIS 121 **or** HIS 122.

Required Professional Education Courses for Early Childhood Education

EDU 101 or 102, EDU 224, EDU 229, ECE 233, EDE 251, EDU 282*, EDU 341, ECE 351, ECE 352, EDU 382, ECE 437, ECE 438, ECE 439, EDU 480, and EDU 483.

* Candidates may test out of EDU 282.

- **Additional Required Courses:**

ART 372, MAT 221, MAT 222, MUS 370, PHE 255, PHE 310, PSY 332, and SCI 120.

Elementary Education Majors

- **Required Professional Education Courses for Elementary Education Majors:** EDU 101 or EDU 102, EDU 224, EDU 229, EDU 282*, EDU 341, EDU 353, EDU 382, EDU 448, EDU 449, EDU 480, and EDU 483.

* Candidates may test out of EDU 282.

- **Additional Required Courses:**

ART 372, MAT 221, MAT 222, MUS 370, PHE 255, PHE 310, PSY 332, SCI 120, an additional 12 hours (beyond core) in an area of concentration (Language Arts, Mathematics, Science, or Social Studies)

- **Recommended Courses for Optional Electives:**

GEO 135, PSY 120, PSY 322, SOC 101, SOC 102.

Secondary and PK-12 Candidates

- **Required Professional Education Courses for Secondary and PK-12 Candidates:** EDU 103 or EDU 104, EDU 224, EDU 230, EDU 282*, EDU 342 for Secondary (either EDU 341 or EDU 342

for PK-12), EDU 382, EDU 455, EDU 480, EDU 483.

*Candidates may test out of EDU 282.

- **Additional Required Course:** PHE 310

- **Recommended Courses for Electives:**

According to major requirements. See major advisor.

Teacher Cadets may be eligible to receive credit for EDU 224. Candidates should talk with the Chair of the Department of Education to discuss submitting their Teacher Cadet portfolio.

Admission Requirements for Teacher Education Programs

Each student interested in preparing for a teaching certificate should apply in writing to the Department of Education for acceptance into the Teacher Education Program. Applications should be filed by **October 1 or March 1 of the semester in which the student completes at least 60 hours**. Admission to any 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 papers filed with the Department of Education.
2. Satisfactory completion of 60 semester hours of college work (transcript).

3. Passing scores on Praxis I reading, mathematics, and writing tests (official ETS score report).
4. Minimum overall grade point average (GPA) of 2.50 (transcript).
5. *Recommendation signatures from a member of the general College faculty and from a member of the Department of Education.
6. Report of disciplinary status from the Vice President of Student Affairs (Department of Education).
7. *Signed Health Issues and Criminal Background Statements.
8. *Summary of experiences with children and youth, background information, and reasons for desiring to enter the teacher education program.
9. At least "acceptable" ratings on Dispositions for Teaching and Conceptual Framework Principles assessments.
10. *Contract for Teacher Education Program.
* Candidates should find these forms in their "Teacher Candidate Handbook" and submit the form to the Department of Education.

Candidates must submit official passing scores on Praxis I tests of reading, writing, and mathematics, before being officially admitted to the Teacher Education Program (state rule) or being allowed to take 300- and 400-level education courses, including EDU 382. All candidates must be fully admitted to Teacher Education (including Praxis I scores) before being allowed to take 400-level education courses. Application for admission to Teacher Education must be completed at least one full semester prior to student teaching.

Admission Requirements for Student Teaching

A separate written Application for Admission to Student Teaching must be submitted by **January 15** of the year for fall student teaching or by **March 1** of the year preceding spring student teaching. It must be submitted by the teacher candidate and approved by the Teacher Education Committee at least one semester prior to enrollment in Student Teaching. **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.**

South Carolina state law requires that all candidates for student teaching submit official fingerprint cards and be cleared through SLED and the FBI before being allowed to student teach. See the Department of Education for state deadlines. 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 student teaching 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.

Requirements for Acceptance to Student Teaching:

1. *Completed application.
2. Minimum overall GPA of 2.50 with a minimum grade of "C" in each English or Humanities course offered to satisfy Core Curriculum requirements (transcript).
3. Minimum GPA of 2.50 in the major with a minimum grade of "C" in each course (transcript).
4. Minimum GPA of 2.50 in professional education courses with a minimum grade of "C" in each course (transcript).
5. *Recommendation from major department or department of concentration.
6. Completion of all education and major required courses except EDU 480 and EDU 483 (transcript).
7. At least "acceptable" ratings on measures of Dispositions for Teaching and Conceptual Framework Principles (Department of Education).
8. Passing scores on Praxis I (reading, mathematics, and writing) and evidence of having taken the required Praxis II tests.

* Candidates should find these forms in their “Teacher Candidate Handbook” and submit the form to the Department of Education. Students are strongly encouraged to complete all CACP papers and Fine Arts and Lecture requirements prior to student teaching.

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 (if seeking a degree).
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 Student Teaching and EDU 483 Seminar in Student Teaching with grades of at least “C”; an average rating of at least 3.0 on Dispositions for Teaching, an average rating of at least 2.5 on Conceptual Framework Principles, and an average rating of at least 7.0 on ADEPT assessments.
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 student teaching.
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 student teaching (by July 1). Praxis general testing information and registration are available at www.ets.org. Praxis I and II study guides are on reserve in Wessels Library.

Other Teacher Education Programs at Newberry College

Biology (Secondary), 69-70
English (Secondary), page 82
Mathematics (Secondary), page 87-88
Music (PK-12), pages 91-93
Physical Education (PK-12) page 96
Social Studies (Secondary), page 85-86

Fees

A \$125 fee is charged for student teaching (Education 480).

English

Department of English, Literature, and Languages
Dale Brown, Department Chair

English Faculty:

Associate Professor: Dale Brown

Assistant Professors: John Carenen; Melissa Johnson; Warren S. Moore, III; Joseph Schaub;

Part-time Faculty: Diane Hirsch

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 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 (36 hours)

- English 221, 222, 231, 232
- English 337, 458
- 6 English electives. Humanities 250 may be used as an English elective.

Recommended Courses:

- History 211
- History 212

Teacher Education Requirements for English Majors

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
- English 322, 335, 337
- English 362 or 363
- English 458, 460, 461
- One English elective

English 321 is required of all majors in **Elementary Education** for teacher certification.

Candidates should take EDU 101, 102, 103, or 104 during their freshman year. EDU 224 and EDU 229 or EDU 230 should be taken in different semesters during their sophomore year. These classes are prerequisites for all other education courses. Schedules for transfer students will be considered on an individual basis. All candidates must pass Praxis I reading, writing, and mathematics tests in order to take 300- and 400-level education courses, including EDU 382. Candidates must be admitted to Teacher Education before being allowed to take 400-level courses.

Students interested in preparing for teacher certification must confer with the chairs of the Departments of English and of Education and must refer to the Core Curriculum chart for Teacher Education in the *Advisors' Manual*.

English Minor Requirements (18 hours)

The English minor requires 18 hours (in addition to the Core requirements of English 111 and 112) as follows:

- English 221, 222, 231, and 232
- Two English electives selected from: English 242 or higher, and Humanities 250.

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 (2005).

All English courses numbered 200 and above, except those listed below, satisfy Core Curriculum requirements in Humanities and Fine Arts, Areas 1 or 2.

The following courses **do not** satisfy Core Curriculum requirements:

- ENG 099, Basic Composition and Grammar (does not satisfy Area B-2 [2005] or A-1 [1995])
- ENG 242, Creative Writing (does not satisfy Areas C-1 or C-2 [2005] or E-1 or E-2 [1995])
- ENG 322, Adolescent Literature (does not satisfy Areas C-1 or C-2 [2005] or E-1 or E-2 [1995])
- ENG 335, Methods of Teaching English (does not satisfy Areas C-1 or C-2 [2005] or E-1 or E-2 [1995])
- ENG 371, Business Writing (does not satisfy Areas C-1 or C-2 [2005] or E-1 or E-2 [1995])
- ENG 461, History of the English Language (does not satisfy Areas C-1 or C-2 [2005] or E-1 or E-2 [1995])
- CRW 302/303, Fiction Writing I and II (does not satisfy Areas C-1 or C-2 [2005] or E-1 or E-2 [1995])
- CRW 312/313, Poetry Writing I and II (does not satisfy Areas C-1 or C-2 [2005] or E-1 or E-2 [1995])
- CRW 480, Special Topics in Creative Writing (does not satisfy Areas C-1 or C-2 [2005] or E-1 or E-2 [1995])

Course Descriptions

See page 134 for course descriptions in Creative Writing.

See pages 141-145 for course descriptions in English.

Foreign Languages

Department of English, Literature, and Languages
Dale Brown, Department Chair

Foreign Language Faculty:

Associate Professors: Inge Dube, (German); Sara Harris, (French)

Assistant Professor: Gregory Cole, (Spanish)

The Department offers coursework in French and German, and a minor in Spanish. Language study prepares students for Business, Health and Social Sciences, Education (Elementary 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 French, German and Spanish 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 French, German, and Hispanic 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.

Forensic Science

See Chemistry Major with Forensic Science Concentration, page 73.

See Forensic Science course descriptions, page 146.

History

Department of Humanities, Social, and Behavioral Sciences
Timothy G. Elston, Department Chair

History Faculty:

Professor: Jesse L. Scott

Assistant Professors: Timothy G. Elston; Karl Rohr

Non-Departmental Historian: Jeffrey W. Stout

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 hours)

Requirements for a major in History include 36 hours of History as follows: HIS 111, 112, HIS 121, HIS 122, HIS 450, and **21** additional semester hours in History. At least 12 semester hours must be earned in courses numbered 300 and above.

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 hours) and must include HIS 240, 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, HIS 240.** (Note that GEO 135 may count toward the 36 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 addition, students must fulfill all of the Education course requirements for secondary certification. (See pages 77-81). 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 101, 102, 103, or 104 during their freshman year. EDU 224 and EDU 229 or EDU 230 should be taken in different semesters during their sophomore year.

These classes are prerequisites for all other education courses. Schedules for transfer students will be considered on an individual basis. All candidates must pass Praxis I reading, writing, and mathematics tests in order to take 300- and 400-level education courses, including EDU 382. Candidates must be admitted to Teacher Education before being allowed to take 400-level courses.

Teacher Education students should see the Core Curriculum requirements for all teacher certification programs on page 82.

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: 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: 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, Area 1) 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 2.

Course Descriptions

See pages 150-153 for course descriptions in History.

Honors

Summerland Honors Program

Director: Charles Horn, Professor of Biology

Honors Faculty:

Kathlyn Fritz, Professor of Sociology

Charles Horn, Professor of Biology

Wayne Kannaday, Associate Professor of Religion

Jesse Scott, Professor of History

Summerland Honors Program Description

See page 86 for a description of the Summerland Honors Program.

See pages 153-154 for descriptions of the Honors courses.

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.

Mathematics, Computer Science, and Physics

Department of Mathematics, Physics, and Computer Science
Otis Walker, Department Chair

Professor: Victor Terrana

Associate Professor: Otis Walker

Assistant Professor: Marcia Ringer

Part-time Faculty: Jeanette Harmon

The Department of Mathematics, Computer Science, and Physics offers a major in Mathematics, a major in Mathematics and Computer Science, 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) articulate the axiomatic foundations of at least three branches of mathematics;
- (2) apply the logical reasoning skills necessary to create the mathematical structures associated with these axioms;
- (3) write computer programs in at least two high level languages;
- (4) demonstrate competency in at least two modern operating systems;
- (5) apply established techniques in the manipulation of data structures;
- (6) apply quantitative reasoning to areas outside the department;
- (7) 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.

The certification requirements for secondary education (pages 79) must also be completed.

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.

Candidates should take EDU 101, 102, 103, or 104 during their freshman year. EDU 224 and EDU 230 should be taken in different semesters during their sophomore year. These classes are prerequisites for all other education courses. Schedules for transfer students will be considered on an individual basis. All candidates must pass Praxis I reading, writing, and mathematics tests in order to take 300- and 400-level education courses, including EDU 382. Candidates must be admitted to Teacher Education before being allowed to take 400-level courses.

Teacher Education students should see page 79 for the Core Curriculum requirements for teacher education.

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. The Placement Test taken during summer orientation can exempt a student from MAT 150. MAT 150 can be used to meet the Mathematics Core requirement, Area, C-2 and C-3 (1995) and Area D-2 and D-3 (2005).

Computer Science Minor (15 hours)

The Computer Science minor requires 15 hours: CSC 156, 340, plus 9 additional hours selected from CSC courses or PHI 110.

CSC 155 is a prerequisite for all higher numbered computer science courses, except CSC 340, which has a prerequisite of CSC 156.

Physics Minor (17 hours)

The Physics minor requires 17 hours in Physics as follows: PHY 213, 214, 451, and select two courses from the following: PHY 351, 352, and MAT 342.

MAT 211 and 212 are prerequisites for these Physics courses. MAT 300 and 341 are prerequisites for MAT 342.

Core Curriculum

Mathematics courses, except those listed below, satisfy the Core Curriculum requirements in Mathematics, Areas C-2 and C-3 (1995) and Areas D-2 and D-3 (2005).

The following mathematics courses do NOT satisfy Core Curriculum requirements, Areas C-2 and C-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 C-2 (1995) and Area D-2 (2005), for only Early Childhood/Elementary Education majors.

Course Descriptions

See pages 156-159 course descriptions in Mathematics.

Music

Department of Music

Sally Cherrington Beggs, Department Chair

Music Faculty:

Associate Professors: Sally Cherrington Beggs, College Organist

William Long, Director of Marching Band, Concert Band, and Jazz Ensemble

Chuck Neufeld, Director of Choral Activities

Assistant Professor: Barry McGinnis, Woodwinds, Music History & Jazz Combo

Visiting Assistant Professor: Laurel Larsen, Piano and Music Theory

Part-time Faculty:

Kevin Flowers, Percussion

John Lane, Composition

Jens Larsen, Brass

Janet Long, Music Education

Wanda Neese, Piano & Accompanist

John Valerio, Jazz Studies

TBA, Guitar & Bass

Becky Smith, Piano Accompanist

The goals of the Department of Music are to:

- (1) develop the student's understanding of significant music as an expression of human culture;
- (2) develop the student's musical skills and attitudes related to the development of professional, as well as leisurely musical activities;
- (3) develop competency in the areas of musicianship relative to a student's particular degree requirements, all of which include the areas of Music History, Music Theory, Music Literature, Applied Performance, and Conducting;
- (4) develop, in the case of music minors, competencies in the same areas as listed above, but on a level relative to the use of those skills as an avocation or non-professional basis;
- (5) develop the student's skills of critical thinking in order to solve problems in both a humane and musical context;
- (6) 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 majors are equipped to become performers and music educators at 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 successfully pursued 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, in South Carolina Education Television, and in other areas of commercial music.

Degrees

A. Bachelor of Arts

1. Applied Music
2. Church Music
3. Music Theory

B. Bachelor of Music

1. Performance

C. Bachelor of Music Education (PK-12)

Area of Specialization

1. Choral Music
2. Instrumental Music (Band)

Core Curriculum

The following music courses meet the 1995 Core Curriculum requirements in the Fine Arts, Area E-3, and the 2005 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.

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 Music Department 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 43-54 hours

Candidates for the Bachelor of Arts degree in music are required to complete the Core Curriculum as described on pages 62-63. Music History I (MUS 341) is a fine arts requirement for the B.A. Degree in Music.

2. Music Courses 56-66 hours

a. Applied Music

| | |
|---|--------------------|
| Applied Music – Major: Piano, Organ, Band Instrument, or Voice | 16 hours |
| Applied Secondary Instrument – Piano (MUA 101-2 credits; 2 semesters of MUA 121 – 1 credit and 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. | |
| Conducting: (MUS 377 or 378)..... | 2 |
| Music Literature: (MUS 151)..... | 3 |
| Music Theory: (MUS 171, 172, 173, 174, 271,273, 274)..... | 15 |
| Music History: (MUS 341, 342)..... | 6 |
| 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; 2 semesters of MUA 121 – 1 credit and 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 |
| Conducting (MUS 377) | 2 |
| Counterpoint (MUS 366) for organists or Secondary | |
| Choral Methods (MUS 472) for vocalists or MUS 378 for instrumentalists.... | 2 |
| Music Literature: (MUS 151)..... | 3 |
| Music Theory: (MUS 171, 172, 173, 174, 271, 273, 274) | 15 |
| Music History: (MUS 341, 342)..... | 6 |
| History of Sacred Music: (MUS 343) | 2 |
| Recital (MUA 480)..... | 2 |
| Repertory Seminar: (MUS 100) (8 semesters) | 0 |
| Ensembles (8 semesters) | 8 |
| Total | 62-66 hours |

c. Music Theory

| | |
|---|---------|
| Applied Music –Major: Piano, Organ, Voice, Band Instruments) | 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 |

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| | |
|---|--------------------|
| Conducting: (MUS 377 or 378)..... | 2 |
| Composition and Analysis: (MUS 367)..... | 2 |
| Counterpoint: (MUS 366) | 2 |
| Orchestration: (MUS 463)..... | 2 |
| Repertory Seminar: (MUS 100) (8 semesters)..... | 0 |
| Music Electives | 3 |
| Ensembles (8 semesters)..... | 8 |
| Total | 56-60 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 62-63. 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 3. Students are advised to elect French or German to fulfill the foreign language requirement.

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) | |
| Class Piano (MUA 101 – 2 credits; MUA 102 – 2 credits). Keyboard majors exempt MUA 101 and MUA 102. | |
| 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 Bachelor of Music Education (B.M.E.) degree requires 148-156 hours of course work in four areas: the Core Curriculum Requirements, Music Requirements, Specialization Requirements, and Education Requirements.

Candidates should take Education 101, 102, 103, or 104 during their freshman year. EDU 224 and EDU 230 should be taken in different semesters during their sophomore year. These classes are prerequisites for all other education courses. Schedules for transfer students will be considered on an individual basis. All candidates must pass Praxis I reading, writing, and mathematics tests in order to take 300- and 400-level education courses, including EDU 382. Candidates must be admitted to Teacher Education before being allowed to take 400-level courses.

The B.M.E. degree requirements include courses required for PK-12 teacher certification in the State of South Carolina.

1. **Core Curriculum Requirements**.....(40-48 hours)
 Candidates for the Bachelor of Music Education (B.M.E.) degree are required to complete the Core Curriculum as described on pages 62-63. Music History I (MUS 340) should be elected to fulfill the fine arts elective requirements in the 1995 Core Curriculum, Area E-3, or the 2005 Core Curriculum, Area C-3. In order to meet South Carolina teacher certification requirements, students should elect Principles of Biology (BIO 101) and Introduction to Earth Science (SCI 110) for the Natural Sciences requirement in the 1995 Core Curriculum, Area C-1, or the 2005 Core Curriculum, Area D-1.

2. **Music Requirements** (31 hours)

| | |
|--|----|
| Music Literature (MUS 151*) | 3 |
| Music Theory (MUS 171, 172, 173, 174, 271, 273, 274) | 15 |
| Music History (MUS 341**, 342) | 6 |
| Introduction to World Music (MUS 252) | 1 |
| Introduction to Jazz History (MUS 251) | 1 |
| Conducting, Choral and Instrumental (MUS 377, 378)..... | 4 |
| Recital (MUA 380)..... | 1 |
| Repertory Seminar (MUS 100-8 semesters)..... | 0 |

3. **Specialization Requirements**.....(48 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)..... | 6 |
| Instrument Classes (MUA 105, 207, 210, 213) | 8 |
| Music Technology (MUS 382)..... | 3 |
| Elementary School Music Methods and Materials (MUS 470) | 4 |
| 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; 2 semesters of MUA 121—1 credit and 122—1 credit)..... | 6 |
| Vocal Pedagogy (MUS 371)..... | 2 |
| Music Technology (MUS 382)..... | 3 |
| Instrument Classes (MUA 105, 207, 210, 213) | 8 |
| Elementary School Music Methods and Materials (MUS 470) | 4 |
| Instrumental Methods and Materials (MUS 471) | 3 |
| Marching/Concert Band (MUE 101—4 credits, MUE 102—4 credits)*** | 8 |

4. **Education Requirements**.....(31 hours)

| | |
|--|---|
| History (HIS 122) (assumes HIS 111 & 112 are taken in Core Curriculum credits) | 3 |
| Introduction to Exceptional Child, (PSY 332)..... | 3 |
| Introduction to Education (EDU 101, 102, 103, or 104)..... | 1 |
| Foundations of Teaching and Learning (EDU 224)..... | 3 |
| Human Development and Learning (EDU 230) | 3 |
| Personal and Community Health (PHE 310) | 3 |

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| | |
|---|----|
| Student Teaching (EDU 480) | 12 |
| Seminar in Student Teaching (EDU 480) | 3 |

- *Music Literature (MUS 151): 3 credits count toward Core Curriculum requirements.
- **Music History (MUS 341): 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..... 148-156

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

The Church Music Minor requires 21 hours as follows:

| | |
|---|---------|
| Class: Piano (MUA 101)..... | 2 hours |
| <i>Students with a keyboard concentration may substitute MUS 172 at the discretion of the instructor.</i> | |
| Music Literature: (MUS 151) | 3 hours |
| Church Music: (MUS 483 and MUS 377) | 5 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> | |
| Applied Music: | 8 hours |
| <i>Major performance (voice, organ, piano, or instrument)--6 hours; Piano--2 hours (Organists and pianists must take 2 hours of voice instead of 2 hours of piano.)</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. 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 Requirements

The Music minor requires 21 hours as follows: MUS 151, 171, 173, 341, 342, six hours of applied music (must include MUA 101 unless exempted), two hours of ensembles, and four semesters of MUS 100 (Repertory Seminar).

FEES

Music fees for a semester or a summer session are as follows:

| | |
|---|-------|
| Private lessons in Piano, Organ, Voice, or Band Instruments, Each Credit Hour | \$125 |
| 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.

† **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 following requirements:

1. Music majors must have a minimum 2.75 GPA in their music classes. This will be reviewed with your 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 songs, each in a different language, to be approved by the major teacher.
 2. Sightsinging

Students should be prepared to answer the following questions about the pieces they are performing:

1. In what major or minor key is the piece written?
2. What do any tempo markings provided by the composer or editor mean?
3. What do any other musical terms provided by the composer or editor in the score mean (i.e. *sforzando*, *rubato*, *marcato*, *con sordino*, etc.)?
4. What are the dates during which the composers of the pieces lived, and what style period (Renaissance, Baroque, etc.) do their pieces represent?"

APPLIED MUSIC (MUA)

Only music majors who have been admitted to the Bachelor of Music program can take an applied music course for more than two hours during each semester.

MUSIC ENSEMBLES (MUE)

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. Marching/Concert Band and Newberry College Singers can be taken for either one credit or zero credit.

The following ensembles are open to all students by audition: Brass Ensemble (MUE 107—zero credit), Jazz Ensemble (MUE 104—zero or one credit), Jazz Combo (MUE 105—zero or one credit), Percussion Ensemble (MUE 108—zero credit), Madrigals (MUE 112—zero or one credit), and Woodwind Ensembles (MUE 106—zero or one credit).

Note that students who choose “zero credit” for ensembles that offer this option will still receive a grade for the ensemble on their transcript.

Philosophy

See pages 100-105 for major and minor requirements in Religion and Philosophy.

See pages 169-170 for Philosophy course descriptions.

Physical Education

Department of Physical Education
Peggy Barnes-Winder, Department Chair

Physical Education Faculty:
Associate Professor: Peggy Barnes
Assistant Professors: Gylton DaMatta, Cody McMurtry
Instructor: Rebekah Dixon
Part-Time Faculty: Gretchen O'Shields

Service Program

The mission of the Department of Physical Education's curriculum and faculty members is to prepare majors to become competent leaders in Physical Education and its related areas. 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 business.

Physical Education majors are expected to become independent thinkers and learners. Students' records outside of the classroom are important as well. They are encouraged to be an active part of the Physical Education Majors' Club, attend professional meetings, conduct and present student research, and actively participate in campus life.

Students majoring in Physical Education may select one of three concentrations from within the physical education major: **Leisure Services**, **Sport Management**, or **Teacher Certification**. Students electing a minor from the Department may choose Coaching or Sport Management.

Major Requirements

Students wishing to major in Physical Education must choose one of the three concentrations: **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.

In addition to meeting major requirements, all physical education majors who entered Newberry College prior to Fall Semester 2005 must complete Physical Education 110, Concepts of Life Maintenance, as a requirement of the 1995 Core Curriculum, Area G-1.

All physical education majors who entered Newberry College in Fall Semester 2005 must satisfy the Physical Education requirements, Area H, in the 2005 Core Curriculum.

Physical Education Major with Leisure Services Concentration (62 hours)

The Physical Education/Leisure Services concentration requires a total of 62 hours:

- 52 hours: Physical Education 115, 117, 181, 201, 203, 207, 211, 229, 242, 244, 300, 302, 310, 325, 431, 451, and 495;
- 3 hours: Communications 121 or English 242;
- 4 hours: Biology 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: Sociology 101.

Strongly Recommended Course: Sociology 308 (3 hours)

Physical Education Major with Sport Management Concentration

The Physical Education/Sport Management concentration requires a total of 63 hours:

- 36 hours: Physical Education 181, 229, 242, 300, 325, 333, 382, 431, 442, 451, 495;
- 3 hours: Accounting 210;
- 6 hours: Business Administration 220, 260;
- 3 hours: Business Administration 210 or 361 or 462

- 6 hours: Economics 210, 220;
- 6 hours: Communications 110 and three hours of Communications electives,
- 3 hours: Mathematics 200 or SSC 230.

Recommended Elective: Physical Education 395.

ECO 210 may meet Core Curriculum requirements, History and Social Sciences.

MAT 200 may meet Core Curriculum requirements, Natural Sciences and Mathematics.

Physical Education Major with Teacher Certification Concentration (40 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 40-hour concentration requires:

- 36 hours of Physical Education and 4 hours of Biology as follows:
- 36 hours: Physical Education 115, 117, 201, 203, 207, 244, 255, 302, 325, 424, 430, 440;
- 4 hours: Biology 215 or 216.

Physical Education 310 is also one of the courses required for all teacher education students. Students should consult the Department Chair regarding additional courses required for Teacher Certification (see pages 82-86).

Candidates should take EDU 101, 102, 103, or 104 during their freshman year. EDU 224 and EDU 230 should be taken in different semesters during their sophomore year. These classes are prerequisites for all other education courses. Schedules for transfer students will be considered on an individual basis. All candidates must pass Praxis I reading, writing, and mathematics tests in order to take 300- and 400-level education courses, including EDU 382. Candidates must be admitted to Teacher Education before being allowed to take 400-level courses.

(Students are encouraged to take BIO 101 or BIO 121 for the Core Requirement in Laboratory Science, Area C-1 (1995) and Area D-1 (2005), and must earn a grade of "C" or better in order to meet the prerequisite for BIO 215 or 216.)

Minor Requirements

Students wishing to obtain 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 a teacher certification. The 21-hour Coaching minor requires 17 hours in Physical Education and 4 hours in Biology as follows:

- 17 hours: Physical Education 229, 232, 234, 424, 430, 496, and
- 4 hours: Biology 215 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: Physical Education 300, 325, 333, and 431;
- 3 hours: one 3-hour course from Business Administration **or** Communications.

Coaching Minor—Physical Education Major (13 hours)

The Coaching minor for the physical education major requires 13 hours:

- 10 hours: Physical Education 229, 232, 234, and 496;
- 3 hours: Physical Education 201 or 203.

Sport Management Minor—Physical Education Major (15 hours)

Students majoring in Physical Education are required to take 15 hours:

- 9 hours: Physical Education 300, 333, and 431;
- 3 hours: one 3-hour course from the Department of Business Administration;
- 3 hours: one 3-hour course from the Department of Communications.

Core Curriculum for Students Entering Newberry College prior to Fall 2005:

Physical Education 110 satisfies the 1995 Core Curriculum requirements in Physical Education, Area G-1.

New Core Curriculum for Students Entering Newberry College, Fall 2005:

Students entering Newberry College during Fall Semester 2005 must satisfy the 2005 Core Curriculum, Area H, 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 H of the 2005 Core Curriculum are as follows: PHE 100, 102, 103, 104, 105, 106, 108, 109, 111, 112, and 113.

PHE 114 satisfies Area H of the 2005 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.

Course Descriptions. See pages 170-176 for course descriptions in Physical Education.

Physics

Department of Mathematics, Physics, and Computer Science
Otis Walker, Department Chair

Physics Faculty:

Otis Walker, Associate Professor of Mathematics and Physics

The Physics Program offers an on-campus 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 C-1 (1995) and Area D-1 (2005). All physics courses meet the Core Curriculum requirements in Natural Sciences, Area C-3 (1995) and Area D-3 (2005).

Laboratory Fee

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

Course Descriptions

See pages 176-177 for course descriptions in Physics.

Political Science

Department of Humanities, Social, and Behavioral Sciences

Timothy G. Elston, Department Chair

Political Science Faculty:

Associate Professor: Steven Schweizer

Part-time Faculty: Keith Ringer

The Department of 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 political issues; to develop a deeper understanding of diverse political systems and forms of government; to appreciate the government and campus-wide politics; to work in Presidential, Congressional or state and local campaigns; to intern in law, local, state, or federal offices; and to attend research conferences.

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 through internships in public administration, state and national government, and international affairs;
7. give students the knowledge and skills to use information technology and apply them to politics; and
8. prepare the student for an effective transition into career employment or graduate studies in political science, public administration, international studies, or law school.

Political Science Major (B.A. degree) Requirements (39 hours)

- 18 hours: Political Science 121, 122, 225, 300, 461, 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.

Political Science Minor Requirements (18 hours)

- 3 hours: Political Science 121 or 122
- 9 hours: Political Science 225, 300, 461
- 6 hours: Elective Political Science hours

Core Curriculum

POS 121 and 122 partially satisfy the 1995 and 2005 Core Curriculum requirements in Social Sciences.

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 SSC 230 prior to taking SOS 302.

Beginning students should take the introductory course, POS 121.

Majors are encouraged to take SOC 101 for their Social Sciences Core Curriculum requirement since SOC 101 is a prerequisite for SOC 302.

Majors are encouraged to take MAT 121 or higher for their Mathematics Core Curriculum requirement since MAT 121 or higher is a prerequisite for SSC 230.

Course Descriptions

See pages 177-180 for course descriptions.

Psychology

Department of Humanities, Social, and Behavioral Sciences

Timothy G. Elston, Department Chair

Psychology Faculty:

Assistant Professor: Marilyn Marek Schroer

Associate Professor: Nathan Schroer

Psychology is the study of human and animal 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 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.

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 Social Sciences, Area F-2 (1995) and Area E-2 (2005).

Course Descriptions.

See pages 180-182 for course descriptions in Psychology.

Religion, Philosophy, Church Leadership

Department of Religion, Philosophy, and Church Leadership
Mike R. Beggs, Department Chair

Religion and Philosophy Faculty:
Associate Professor: Wayne Kannaday
Assistant Professor: Mike Beggs
Part-time Faculty: Terry Dohm

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 Religion and Philosophy Department 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 including: REL 110 Biblical Heritage, PHI 120 Introduction to Ethics, REL 213 Christian Ethics in a Changing Society, and HUM 250 Masterworks of Civilization. These courses contribute directly to the completion of Core Curriculum requirements and are a vital part of the Liberal Arts Education experience.

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 (34 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 34 semester hours and consists of the following courses: REL 110, REL 301, REL 350; 300-400 level Philosophy course to be determined (3 hours); one course from PHI 481/482 Seminar or REL 481/482 Seminar; PHI 499 or REL 499; four semesters of successful completion of HUM 100 (1 hour per semester – 4 total hours); 4 additional 3-hour courses from the Department for a total of 34 hours.

The following is a sample **Religion and Philosophy Major with a Concentration in**

Religion:

| | |
|--|----------|
| REL 110. The Biblical Heritage | 3 hours |
| REL 213. Christian Ethics in a Changing Society..... | 3 hours |
| REL 220. World Religions..... | 3 hours |
| REL 301. Jesus: His Religion and His Teachings..... | 3 hours |
| REL 303. Paul: His Life, Writings..... | 3 hours |
| REL 350. Systematic Theology | 3 hours |
| PHI 110. Introduction to Modern Logic..... | 3 hours |
| PHI 311. Philosophy of Religion | 3 hours |
| REL 482. Seminar on Religious Issues | 3 hours |
| REL 499. Senior Essay | 3 hours |
| HUM 100. Colloquium (1 hour x 4 semesters) | 4 hours |
| Total: | 34 hours |

(See "Proposed Changes to Core Requirement on page 63)

Religion Minor Requirements (20 hours)

A minor in Religion requires 20 hours of course work including: REL 110, two semesters of HUM 100, and five additional courses in Religion.

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 Concentration in Philosophy (34 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 34 semester hours and consists of the following courses: REL 110, REL 301, REL 350; a 300-400 level PHI course to be determined (3 hours); one course from PHI 481/482 Seminar or RRL 481/482 Seminar; PHI 499 or REL 499; four semesters of successful completion of HUM 100 (1 hour per semester—4 total hours); four additional 3-hour courses from the Department for a total of 34 hours.

The following is a sample **Religion and Philosophy Major** curriculum with a **Concentration in Philosophy**:

| | |
|---|----------|
| REL 110. The Biblical Heritage | 3 hours |
| REL 301. Jesus: His Religion and His Teachings..... | 3 hours |
| REL 350. Systematic Theology | 3 hours |
| PHI 120. Introduction to Ethics | 3 hours |
| PHI 110. Introduction to Modern Logic..... | 3 hours |
| PHI 201. Ancient and Medieval Philosophy..... | 3 hours |
| PHI 202. Modern Philosophy..... | 3 hours |
| PHI 312. Philosophical Ethics..... | 3 hours |
| PHI 482. Seminar on Problems in Philosophy..... | 3 hours |
| PHI 499. Senior Essay | 3 hours |
| HUM 100. Colloquium (1 hour x 4 semesters) | 4 hours |
| Total:..... | 34 hours |

Philosophy Minor Requirements

A minor in Philosophy requires 20 hours of course work including: PHI 110, 201, and 202; either PHI 120, 220, or 312; two additional courses in Philosophy; and at least two semesters of satisfactory participation in HUM 100.

Core Curriculum

All philosophy courses **except Philosophy 110** satisfy the 1995 Core Curriculum requirements in Humanities, Area E-2, and the 2005 Core Curriculum, Area C-2.

Philosophy 110 satisfies the Core Curriculum requirements in Mathematics, Area C-3 (1995) and Area D-3 (2005). *Philosophy 110 does NOT satisfy Core Curriculum requirements in Humanities and Fine Arts.*

Church Leadership Major (B.A. degree) Requirements (43-48 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 43-48 hours: 26-27 hours in the Religion and Philosophy courses listed below and the courses listed under one of the four Church Leadership concentrations:

| | |
|--|--------------------|
| 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 |
| HUM 100. Humanities Colloquium (1 hour x 4 semesters)..... | 4 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 |
| REL 495. Christian Vocation Internship | 3 hours |
| Electives in Philosophy or Religion..... | 6 hours |
| Religion and Philosophy Total | 26-27 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 or ART 320 Web Design | 3 hours |
| Either BUA 260. Principles of Management and BUA 462. Organizational Behavior or PSY 120. Intro. To Psychology and 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 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 |
| Repertory Seminar 4 semesters | 0 hours |
| Applied Music: Organ or Voice (6 hours), Piano (2 hours) | 8 hours |

Church Leadership Major with Youth Ministry Concentration (17 hours)

| | |
|--|---------|
| PSY 120. Introduction To 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. Introduction To 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 (21-22 hours):

| | |
|---|-----------|
| 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 |
| HUM 100. Humanities Colloquium (1 hour x 2 semesters)..... | 2 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 |
| Elective Hours..... | 3 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 (24-25 Hours)

| | |
|---|-----------|
| 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 |
| HUM 100. Humanities Colloquium (1 hour x 2 semesters)..... | 2 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 |
| Elective Hours..... | 3 hours |

Core Curriculum

Religion 110 satisfies Core Curriculum requirements in Religion, Area D-1 (1995) and Area F-1 (2005). All other religion courses satisfy Core Curriculum requirements in Humanities for the 1995 and 2005 Cores.

Humanities 250 satisfies the Core Curriculum requirements in Humanities and Fine Arts, Areas E-1 and E-2 (1995) and Area C-1 (2005).

Philosophy 120, 220, and 312 and **Religion 213** satisfy the Religion and Values section of the 2005 Core Curriculum requirements in Area F-2.

Philosophy 110 (Logic) satisfies Core Curriculum requirements in Natural Sciences and Mathematics, Area C-3 (1995) and Area D-3 (2005).

Course Descriptions

See pages 169-170 for course descriptions in Philosophy.

See pages 183-185 for course descriptions in Religion.

See page 154-155 for course descriptions in Humanities.

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 Religion and Philosophy Department.

Science

Department of Life and Health Sciences
Charles Horn, Department Chair

Science Faculty:
Assistant Professor: Christina McCartha
Part-time 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, Areas C-1 and 3 (1995) and Areas D-1 and 3 (2005). SCI 321 does NOT satisfy Core Curriculum requirements.

Course Descriptions

See pages 186 for course descriptions.

Sociology

Division of Humanities , Social, and Behavioral Sciences
Timothy G. Elston, Department Chair

Sociology Faculty:
Professors: Kathlyn Fritz and Vinetta Witt

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 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.

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; Sociology 246; Sociology 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, 122, 228; PSY 236 or 330, FSC 211.

For non-Sociology majors the other three hours must be in SOC 208, 308; POS 121, 122, 228; PSY 236 or 330; FSC 211.

A student may receive a minor in Criminal Justice or a minor in Sociology, but not both.

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.

Course Descriptions

See pages 188-190 for course descriptions.

Core Curriculum

Sociology 101 or 102 partially satisfies Core Curriculum requirements in Social Sciences, Area F-2 (1995) and Area E-2 (2005).

Spanish

Department of English, Literature, and Languages
Dale Brown

Spanish Faculty:
Assistant 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.

Spanish minors who exempt either 101 or 101 and 102 also exempt either 3 or 6 hours in the minor.

Credit By Examination

Students are required to take six hours of foreign language; they may be exempt from three hours or the full six hours based on scores of examinations administered by the College or AP credit or CLEP scores. For students with any high school foreign language instruction, a **mandatory** placement exam is available online and **must** be completed before Orientation.

Based on the scores of the examinations, students may exempt Spanish 101 and enroll in SPA 102 or test out of SPA 101 and 102 and meet the Core requirement.

Theatre and Speech

Department of Theatre, Visual Arts, and Communications

Patrick Gagliano, Department Chair

Theatre and Speech Faculty:

Professor: Patrick Gagliano

Assistant Professor: Matthew Fuller

Part-time 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 Department of Theatre & Speech 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*

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:

Speech 110, Public Speaking, satisfies Core requirements for Communications Skills, Area A-2 (1995) and Area B-1 (2005).

Speech 204, Oral Interpretation, satisfies Core requirements for Humanities, Area E-2 (1995) and Area C-2 (2005).

Theatre 101, Acting I; Theatre 110, Theatre Appreciation; Theatre 301, History of the Theatre; and Theatre 481, Topics in Theatre, satisfy Core requirements for Fine Arts, Area E-3 (1995) and Area C-3 (2005).

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.

A \$75 fee is charged for THE 212, 231, 302.

A \$40 fee is charged for THE 303.

Course Descriptions

See pages 192-193 for Speech Course Descriptions.

See pages 193-196 for Theatre Course Descriptions.

Pre-Veterinary Studies

Department of Life and Health Sciences
Charles Horn, Department Chair

Pre-Veterinary Studies Faculty:

Assistant Professor: Camille Grady Sherrod, Director of Veterinary Technology
Veterinary Technologists: Sylvia MacFarlane, Lisa W. Wessinger

Students seeking to apply to a College of Veterinary Medicine should not necessarily major in Veterinary Technology. Instead, it is better to major in biology or chemistry. Students generally need to complete the courses in biology (BIO), chemistry (CHE), mathematics (MAT), and physics (PHY) to prepare for the GRE or VCAT. South Carolina does not have a Veterinary School; hence South Carolina residents must go out-of-state. Specific course requirements vary from school to school.

In the last five years, Newberry College students have been accepted into veterinary school programs at Auburn University (Alabama), Louisiana state University (Baton Rouge), Tuskegee University (Athens), and University of Tennessee (Knoxville).

The following proposed guidelines for Newberry College are based on those published by the Admissions Office of the University of Georgia's college of Veterinary Medicine. South Carolina students are considered residents for tuition purposes at both the University of Georgia and at Tuskegee University in Alabama.

Biology Major with Pre-Veterinary Studies Concentration (B.S.)

Proposed Curriculum (60 hours)

BIO 121: Biological Science (4 hrs)

BIO 122: Zoology (4 hrs)

BIO 212: Microbiology (4 hrs)

BIO 315: Comparative Vertebrate anatomy (4 hrs)

BIO 322: Genetics (4 hrs)

BIO 331: Cell Biology (4 hrs)

BIO 401: Biochemistry (4 hrs)

BIO 481: Junior Seminar (1 hr)

BIO 482: Senior Seminar (1 hr)

BIO 495: Internship (2 hrs)

To be completed in a veterinary hospital, research or diagnostic laboratory, i.e., same location as current VET 395 & VET 396.

MAT 211: Differential Calculus (4 hrs) PHY 213-214: Physics for Science and Engineering students (8 hrs)

CHE 113-114: General Chemistry (8 hrs)

CHE 231-232: Organic Chemistry (8 hrs)

Recommended Electives

ACC 210: Principles of Financial Accounting (3 hrs)
ACC 220: Principles of Managerial Accounting (3 hrs)
BIO 111: Latin and Greek Bioscientific Terminology (1 hr)
BIO 321: Virology (3 hrs)
BIO 314: Histology (4 hrs)
BIO 321: Animal Development (4 hrs)
BIO 342: Immunology (4 hrs)
BIO 412: Molecular Biology (4 hrs)
BIO 495: Internship (additional 2 hrs)
BIO 499: Senior Essay (1-3 hrs)
BUA 210: Business Law (3 hrs)
BUA 311: Business Ethics (3 hrs)
PHI 120: Introduction to Ethics (3 hrs)
REL 213: Christian Ethics in a Changing Society (3 hrs)
SCI 114 Scientific Ethics (3 hrs)

Recommended websites for additional information:

<http://hospital.vet.uga.edu/admissions/requirements>

www.tuskegee.edu (Tuskegee University's School of Veterinary Medicine)

www.cvm.ncsu.edu (NCSSU College of Vet Med)

www.vet.utk.edu (University of Tennessee CVM)

www.vetmed.auburn.edu (Auburn University CVM)

www.vetmed.lsu.edu (Louisiana State University CVM)

COURSE DESCRIPTIONS

All course descriptions, for all departments and disciplines, are listed in alphabetic order by name of discipline in this section.

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, ECO 210 (201). 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 ECO 210 and ECO 201.

098-099 level courses provide developmental studies for students. Placement in these courses is based on tests taken during orientation periods. 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.

SUBJECT AREA ABBREVIATIONS:

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

Accounting (ACC)

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.

Art (ART)

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.

ART 101. Introduction to Studio Art. (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 1995 Core Curriculum requirement for Fine Arts, Area E-3, and the 2005 Core Curriculum, Area C-3. A \$40 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 \$40 fee is charged for the cost of materials.

Offered Spring Semester.

ART 131. Beginning Watercolor. (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.

Offered Fall Semester.

ART 161. Introduction to Computer Graphics. (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. (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 \$40 fee is charged for cost of materials.

Offered Spring Semester.

ART 181. Basic 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 1995 Core Curriculum requirement for Fine Arts, Area E-3, and the 2005 Core Curriculum, Area, C-3.

A fee of \$20 is charged.

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 1995 Core Curriculum requirements for Fine Arts, Area E-2, and the 2005 Core Curriculum, 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. Beginning Drawing. (3*)

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 \$20 fee is charged. Offered every semester.

ART 231. Beginning Painting. (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 \$40 fee is charged. Offered every semester.

ART 241. Beginning Printmaking. (3)

Prerequisite: ART 221 or permission of instructor.

An introduction to relief, intaglio, and monotype processes.

A \$40 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 \$40 fee is charged for cost of materials.

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

ART 261. Graphic Design Production Practices. (3)

Prerequisite: 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 \$40 fee is charged for cost of materials.

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

ART 274. Sculpture. (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 \$40 fee is charged for cost of materials. Offered at department discretion.

ART 320 (COM 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. Intermediate Drawing/Life Drawing. (3*)

Prerequisite: ART 221.

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

Offered at departmental discretion.

ART 331. Intermediate Painting/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.

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 \$40 fee is charged for cost of materials.

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

ART 361. Advanced Graphic Design. (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 \$40 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 \$40 fee is charged for the cost of materials.

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

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

Prerequisite: ART 321.

Drawing for the advanced student with an emphasis on developing individual concepts and techniques.

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

ART 431, 432. Advanced Painting. (3*)

Prerequisite: ART 331.

Painting for the advanced student with an emphasis on individual concepts and techniques.

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.

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.

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

ART 490. Special Studies. (1-12)

Research, Internships, 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 Division of Communication Arts 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 54.

ART STUDY-ABROAD PROGRAM

See page 68 for the description of this program.

Biology (BIO)

A \$95 fee is charged for each semester of laboratory courses which grant 4 semester hours.

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, but only one may count for such.

Required of all education students. 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.

BIO 101, BIO 121, or BIO 130 can be taken to satisfy the Core Curriculum requirement, 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 a week.

Required for Biology major.

Offered Spring Semester.

BIO 130. Human Biology. (4)

No prerequisite.

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 a week.

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

Offered Fall Semester.

BIO 200. Local Flora. (3)

A study of plants which collectively form the spring 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 May Term.

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 a week.

Required for Biology major.

Offered Spring Semester.

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

Prerequisite: 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 complementarity 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 a 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 complementarity 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 a week.
Offered 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)

Prerequisite: 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.

Offered at departmental discretion.

BIO 315. Comparative Vertebrate Anatomy. (4)

Prerequisite: BIO 121 with a grade of "C" or better.

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

Offered Fall Semester.

BIO 321. Animal Development. (4)

Prerequisite: BIO 121 with a grade of "C" or better.

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

Offered Spring Semester.

BIO 322. Genetics. (4)

Prerequisite: 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)

Prerequisite: BIO 121 with a grade of "C" or better 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 a 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.

Required for the Veterinary Technology major.

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. Biochemistry. (4)

Prerequisite: BIO 121, CHE 231, and to be accompanied or preceded by CHE 232.

A study of the structure and function of biomolecules as well as major metabolic pathways and their regulation. This course also emphasizes the structure and overall properties of macromolecular systems including proteins, membranes, and nucleic acids. Three lecture hours and one recitation hour a week.

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

Offered at departmental discretion.

BIO 402. Field Biology. (4)

Prerequisite: 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 a week.

Offered Fall Semester, even-numbered years.

BIO 412. Molecular Biology. (4)

Prerequisites: BIO 322, CHE 231, and permission of instructor.

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 a week.

Offered at departmental discretion.

BIO 431. Ecology. (4)

Prerequisites: BIO 122 or 201, CHE 113, and accompanied or preceded by 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 BIO 482, current faculty members, and visiting scholars. This course will be graded pass/fail based on attendance and quality of 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 the faculty in charge. The topic will be taken from current research published in the past two years from 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 56.

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.

Offered on demand.

Business Administration (BUA)

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 the 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 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 Spring Semester.

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. Selected Topics in Business. (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.

BUA 495, 496. Internships in Business Administration. (1-3, 1-3)

Prerequisite: Permission of the 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 55. 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.

Chemistry (CHE)

A \$95 fee is charged for each semester for each Chemistry course except CHE 481, 482, 495.

CHE 113. General Chemistry I. (4)

Prerequisite: MAT 099 or higher or appropriate placement during new student orientation.

An introductory course in chemistry designed for science majors. Emphasizes stoichiometry, atomic and molecular structure, bonding, states of matter, solution chemistry, nuclear chemistry and descriptive aspects of organic chemistry.

Three lecture and three laboratory hours per week.

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, thermochemistry, gas behavior, kinetics, chemical equilibria, acid-base and precipitation reactions.

Three lecture and three laboratory hours per week.

Offered Spring 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 and minor. Recommended for all other science majors.

Offered Spring Semester.

CHE 231. Organic Chemistry I. (4)

Prerequisite: CHE 114 with a grade of "C" or better.

A study of the structure and bonding in alkanes, alkenes, aromatics, and alkynes; functional groups; stereochemistry; organic reactions and mechanisms. The laboratory will include hands-on experimentation with basic microscale and macroscale techniques, chromatography, and spectroscopy. Three lecture and four laboratory hours per week.

Offered Fall Semester.

CHE 232. Organic Chemistry II. (4)

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. Laboratory will emphasize critical thinking

through extensive practice in problem solving, spectroscopy, and chemical analysis. Three lecture and four laboratory hours per week.

Offered Spring Semester.

CHE 290. Laboratory Development. (1)

Prerequisite: 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 321. Analytical Chemistry I. (4)

Prerequisite: CHE 114 with a grade of "C" or better.

The theory and practice of modern quantitative analytical chemistry. An emphasis is placed on gravimetric and volumetric analysis. Three lecture and three laboratory hours a per week.

Offered Fall Semester, odd-numbered years.

CHE 322. Analytical Chemistry II. (4)

Prerequisite: CHE 321.

The physico-chemical methods of analysis and the prerequisite electronic-instrumental theory. Three lecture and four 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 Spring Semester, even-numbered years.

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, and to be accompanied or preceded by CHE 232.

Data interpretation and identification by classical and instrumental methods.

Three lecture and three laboratory hours per week.

Offered Spring semester, odd-numbered years.

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 report. Six hours of laboratory per week.

Offered at departmental discretion.

CHE 401. Biochemistry. (4)

Prerequisites: BIO 121 and CHE 231, and to be accompanied or preceded by CHE 232.

A study of the structure and functions of biomolecules as well as major metabolic pathways and their regulation. This course also emphasizes the structure and overall properties of macromolecular systems including proteins, membranes, and nucleic acids. 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 Spring semester, odd-numbered years.

CHE 445. Physical Chemistry I. (4)

Prerequisites: CHE 114 with a grade of "C" or better; MAT 211; and accompanied or preceded by 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. (4)

Prerequisites: CHE 445 with a grade of "C" or better; accompanied or preceded by PHY 214 and MAT 212.

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 and three laboratory 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. Topics may include intermediate organic chemistry, heterocyclic chemistry, dye chemistry, polymer chemistry, food chemistry, geochemistry, or other subject matters of interest. 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 CHE/BIO 482, current faculty members, and visiting scholars. This course graded as a pass/fail based on attendance and quality of critiques completed. This course will meet once a week during the spring semester. This course is the same as BIO 481; no credit will be awarded to students who have taken BIO 481.

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 the faculty in charge. The topic will be taken from current research published in the past two years from 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 required

of senior chemistry majors and will carry a letter grade. Attendance at the weekly sessions will be a factor in the grade earned. This course is the same as BIO 482; no credit will be awarded to students who have taken BIO 482.

Offered Spring Semester.

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 54.

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 55..

Offered on demand.

College Life (COL)

COL 101. Introduction to College Life. (1)

College 101 is designed to assist freshmen in successfully accomplishing the transition into higher learning with all of its demands, responsibilities, opportunities, and challenges.

The course provides an avenue through which each student can explore the institution and its resources and begin to discover his/her leadership and academic potential as a Newberry College student.

Required of all first-time freshmen during their first semester at Newberry College.

College Life 101 satisfies 2005 Core Curriculum requirements in College Life, Area A.

Offered every semester.

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 401. The Senior Year Experience. (1)

Designed to help seniors make a successful transition from the classroom to the world of work. This capstone course brings closure to the college experience and teaches students to write resumes and cover letters, develop job search strategies, practice interviewing skills, develop leadership skills, strengthen communication skills in the workplace and make informed decisions in their personal and professional lives.

Offered Spring Semester.

COL 493. Teaching Practicum. (1)

Prerequisites: COL 300 and permission of College Life Coordinator.

Working with professors in COL 101. Open to seniors only. Subject to professors' approval.

Communications (COM)

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.

Offered every semester.

COM 110 (210). 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 220. See ART 220. Principles of Photography. (3)

THIS COURSE IS NOW CATALOGUED IN ART.

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 320. See ART 320. Web Design. (3)

THIS COURSE IS NOW CATALOGUED IN ART.

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 Fall Semester, even-numbered years.

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 Fall 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 55.

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 55.

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 pages 55.

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 pages 55.

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.

Computer Science (CSC)

CSC 155. Object-Oriented Programming in JAVA I. (3)

Prerequisite: MAT 110 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.

A \$70 fee is charged. Offered every fall semester.

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.

A \$70 fee is charged. Offered every spring semester.

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.

A \$70 fee is charged. Offered Spring Semester.

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.

A \$70 fee is charged.

Offered Fall Semester.

CSC 351. Client Server and Networking Technologies. (3)

Co-requisite: CSC 340.

Application of client server technology to distributed communications and data management; fundamentals of networking including topologies, protocols, strategies and security of networks; structure of open systems including Internet, Intranet and Extranet concepts.

Offered Fall Semester, odd-numbered years.

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.

Offered Spring Semester, odd-numbered years.

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.

Offered Spring Semester, odd-numbered years.

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.

CSC 495, 496. Internship. (1-3, 1-3)

Internships or practical experience in an approved program of study.

Limited to majors in CSC/BUA or MAT/CSC.

Subject to regulations and restrictions on page 55.

Creative Writing (CRW)

CRW 302/CRW 303. Fiction Writing I, II. (3, 3)

Prerequisite: English 242, Creative Writing.

Workshops in fiction writing for intermediate and advanced students.

Courses taught concurrently.

Courses do NOT satisfy Core Curriculum requirements for Humanities/Fine Arts, Area E-1 or E-2 (1995), or Area C-1 or C-2 (2005). Offered Spring Semester.

CRW 312/CRW 313. Poetry Writing I, II. (3, 3)

Prerequisite: English 242, Creative Writing

Workshops in poetry writing for intermediate and advanced students. Courses taught concurrently.

Courses do NOT satisfy Core Curriculum requirements for Humanities/Fine Arts, Area E-1 or E-2 (1995), or Area C-1 or C-2 (2005). Offered Spring Semester.

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 E-1 or E-2 (1995), or Area C-1 or C-2 (2005).

Offered at departmental discretion in the fall semester.

Early Childhood Education (ECE)

Early Childhood Education (ECE) courses are listed with the Education (EDU) courses found on pages 136-141.

Economics (ECO)

ECO 210 (201). 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 Social Sciences, Area F-2 (1995) and Area E-2 (2005).

Offered every semester.

ECO 220 (202). 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 Social Sciences, Area F-2 (1995) and Area E-2 (2005).

Offered every semester.

ECO 310 (314). 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 (327). 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 (344). 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 (EDU)

Note: PK-12 education candidates should take EDU 101, EDU 102, EDU 103, or EDU 104, based on advisor recommendation.

EDU 101. Introduction to Preschool and Primary School Teaching. (1)

Introduction to teaching and learning in the early childhood classroom (Pre-K—third grade) and to the Early Childhood Program. Emphasis is on Newberry College Conceptual Framework Standards and Dispositions for Teaching, state program and testing requirements and reflection. Requires 12 hours of observation in an early childhood setting.

EDU 101 or EDU 102 is required for early childhood students.

Offered every semester.

EDU 102. Introduction to Elementary School Teaching. (1)

Introduction to teaching and learning in the elementary classroom (grades 2-6) and to the Elementary Education Program. Emphasis is on Newberry College Conceptual Framework Principles and Dispositions for Teaching, state program and testing requirements, and skills in classroom observation and reflection. Requires 12 hours of observation in a public school setting.

Either EDU 101 or EDU 102 is required for elementary education students.

Offered every semester.

EDU 103. Introduction to Middle School Teaching. (1)

Introduction to teaching and learning in the middle grades classroom (Grades 5-8) and to the middle grades program. Emphasis is on Newberry College Conceptual Framework Standards and Dispositions for Teaching, state program and testing requirements, and skills in classroom observation and reflection. Requires 12 hours of observation in a public school setting.

EDU 103 is required for middle grades education candidates interested in teaching in grades 5-8. NOTE: Newberry College does not yet have an approved Middle level Education Program. See the Department of Education for information. Offered every semester.

EDU 104. Introduction to High School Teaching. (1)

Introduction to teaching and learning in the high school classroom (grades 9-12) and to the secondary education program. Emphasis is on the Newberry College Conceptual Framework Standards and Dispositions for Teaching, state program and testing requirements, and skills in classroom observation and reflection. Requires 12 hours of observation in a public school setting. *EDU 104 is required for high school education students. Offered every semester.*

EDU 110. Introduction to Special Education Environment: Learning Disabilities (PK-12). (1)

Prerequisite: EDU 101, 102, 103 or 104.

Practical experience with learning disabled students in the P-12 school environment. Requires observations in classroom settings at elementary, middle, and high school. Provides opportunity for interactions with parents and/or persons who are significant in the lives of learning disabled students. Written analysis of observations, experiences, and interactions is required. Field experience in public schools are required for this course. Requires 12 hours of observation and participation in special education settings.

Recommended for students interested in teaching special education.

Offered at department discretion.

EDU 224. Foundations of Teaching and Learning. (3)

Foundational studies in the definitions of teaching and learning; state and national curriculum standards; lesson design, implementation, and assessment; characteristics of successful researched-based instructional approaches; and current issues in education. Emphasis is placed

on the Newberry College Conceptual Framework Standards and Dispositions for Teaching. Requires 12 hours of observation and participation in public schools.

Required of all education candidates.

Candidates should take EDU 224 and EDU 229 or EDU 230 in different semesters.

Offered every semester.

EDU 229. Human Development and Learning: Child. (3)

An exploration of human growth and development from birth to early adulthood, with emphasis on early and middle childhood (birth through age 12). This course emphasizes the relationship between development and learning and individual differences in personality, achievement, learning ability, and moral development. Some attention is given to psychological measurement and school grading practices. Requires 24 hours of observation and participation in public schools.

Required of all early childhood and elementary candidates. PK-12 candidates may take EDU 229 or EDU 230.

Candidates should take EDU 224 and EDU 229 or EDU 230 in different semesters.

Offered Spring semester.

EDU 230. Human Development and Learning: Adolescent. (3)

An exploration of human growth and development from birth to early adulthood with emphasis on pre-adolescence and adolescence (ages 10-20). This course emphasizes the relationship between development and learning and individual differences in personality, achievement, learning ability, and moral development. Some attention is given to psychological measurement and school grading practices. Requires 24 hours of observation and participation in public schools.

Required of all secondary candidates; PK-12 candidates may take EDU 229 or EDU 230.

Candidates should take EDU 224 and EDU 229 or EDU 230 in different semesters.

Offered Fall semester.

ECE 233 (EDU 333). Early Childhood Standards and Assessment. (3)

A study of the 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 assessments. A field experience of 12 hours, including teaching in the public schools, is required for this course.

Required of all early childhood candidates.

Offered Fall semester.

ECE 251. Mathematical concepts for Young Children. (3)

Prerequisites: EDU 101 and 224. Passing scored on Praxis I Reading, Writing, and Math.

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. A field experience of 12 hours, including teaching in the public schools, is required for this course.

Required of all early childhood education candidates.

Offered Spring semester of odd-numbered years.

EDU 282. Introduction to Educational Technology. (3)

A study of the effective learning environments and experiences supported by technology in PK-12 educational settings. This course provides an introduction to microcomputer hardware, operation systems, software applications, and telecommunications used in educational settings.

Required of all education candidates unless exempted by testing.

Offered every semester.

NOTE: All candidates must pass Praxis I Reading, Writing, and Mathematics tests to be eligible to take 300-level and 400-level education courses.

EDU 335 (435). Middle Grades Organization and Curriculum. (3)

A consideration of the curriculum of the middle school; the forces which shape it, the history in which it is rooted, and implications for the future. A field experience including teaching in the public schools is required for this course.

Offered at departmental discretion.

EDU 341 (441). Classroom Management for Early Childhood and Elementary Classrooms. (3)

Intended primarily to introduce candidates to a study of the principles which underlie instruction in early childhood and elementary subjects. Efficient methods for increasing the effectiveness of classroom teaching are stressed. Observation in an early childhood or elementary classroom focuses on classroom management techniques. Requires 24 hours of observation and participation in public schools.

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 (442). Classroom Management for Middle and Secondary Classrooms. (3)

Intended primarily to introduce candidates to a study of the principles that underlie instruction in the middle grades and in the high school subjects. Efficient methods for increasing the effectiveness of classroom teaching are stressed. Observation in a middle or high school classroom focuses on classroom management techniques. Requires 24 hours of observation and participation in public schools.

Required of high school candidates; PK-12 candidates may take either EDU 341 or EDU 342.

Offered Spring Semester.

ECE 351. Language Development and Communication Skills: Young Children. (3)

Prerequisites: EDU 101, EDU 224, and EDU 229.

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). A field experience of 12 hours of observation, including teaching in the public schools is required for this course.

Required of all early childhood education candidates.

Offered fall semester of even-numbered years.

ECE 352. Literacy Development in Young Children. (3)

Prerequisites: EDU 101, EDU 224, EDU 229, and ECE 351.

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 of odd-numbered years.

EDU 353. Teaching of Reading in the Elementary Schools. (3)

A study of the content and process of the teaching of reading-word attack skills, comprehension and interpretation skills, and study skills in grades 2-6. Requires 12 hours of observation and participation in public schools.

Required of all Elementary Education majors.

Offered Spring Semester.

EDU 382. Technology and Teaching. (3)

Prerequisite: EDU 282 or exemption through competency test.

A study of basic principles of instructional design and multimedia tools effective in learning environments supported by technology in PK-12 settings. Web-based mentoring and instruction will allow candidates to participate in asynchronous communication to evaluate and develop multimedia and web-based instructional applications for integrating technology into specific curriculum areas.

Required of all education students before enrolling in student teaching (EDU 480).

B.M.E. candidates may take MUS 382.

Offered every semester.

NOTE: Acceptance into the Teacher Education Program is required before candidates are eligible to take 400-level education courses.

ECE 437 (EDU 447). Teaching and Integrated Curriculum. (3)

Prerequisites: Passing scores on Praxis I tests and acceptance into Teacher Education, ECE 251, ECE 233, ECE 351, ECE 352, and EDU 341.

This course emphasizes the use of content knowledge, effective 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 the knowledge from previous courses to create a healthy, respectful, supportive, and academically challenging environment for all children.

Required of all elementary education candidates.

Offered spring semester, even-numbered years.

ECE 438. Methods and Materials for Language Arts and Social Studies. (3)

Prerequisites: Passing scores on Praxis I tests and acceptance into Teacher Education, ECE 251, ECE 233, ECE 351, ECE 352, and EDU 341.

This course is a study of methods and materials used for teaching language arts and social studies. Emphasis will be on the use of multi-teaching strategies to meet the needs of primary students PK-3 in the areas of language, spelling, listening, composition, and speaking with an integration of the social studies content. Required 12 hours of observation and participation in public schools.

Required of all early childhood education candidates.

Offered fall semester.

ECE 439. Methods and Materials for Science and Mathematics. (3)

Prerequisites: Passing scores on Praxis I tests and acceptance into Teacher Education, EDU 229, ECE 233, ECE 351, ECE 353.

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. Requires 12 hours of observation and participation in public schools.

Required of all early childhood education candidates.

Offered spring semester.

EDU 448. Methods and materials for Elementary Language Arts and social Studies. (3)

Prerequisites: Passing scores on Praxis I tests and acceptance into Teacher Education.

A study of methods and materials for teaching Language Arts and Social Studies (grades 2-6). Emphasis is on the usage of multi-teaching strategies to meet the needs of individuals and groups in the areas of language, spelling, listening, handwriting, composition, and speaking. The course emphasizes integration of the language arts and social studies. Requires 12 hours of observation and participation in public schools.

Required of all Elementary Education candidates.

Offered fall semester.

EDU 449. Methods and Materials for Elementary Mathematics and Science. (3)

Prerequisites: Passing scores on Praxis I tests and acceptance into 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. Requires 12 hours of observation and participation in public schools.

Required of all elementary education candidates.

Offered spring semester.

EDU 455. Teaching of Reading in Middle and High School. (3)

Prerequisites: Passing scores on Praxis I tests and acceptance into Teacher Education.

A study of the content and process of using reading and writing to improve content area instruction at the middle and secondary school levels. Requires 12 hours of observation and participation in public schools.

Required of all candidates in secondary and PK-12 programs.

Offered fall semester.

EDU 457. Reading Diagnosis and Remedial Treatment. (3)

Prerequisites: Passing scores on Praxis I tests and acceptance into 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. Requires 12 hours of observation and participation in public schools.

Required of all Elementary Education majors.

Offered Fall Semester.

EDU 480. Student Teaching. (All Programs). (12)

Co-requisite: EDU 483

Prerequisites: Completion of all major courses and admission to Student Teaching by the Teacher Education Committee. The candidate must have passed Praxis I tests and must provide evidence of having taken or registered for Praxis II tests.

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 professional portfolio.

Offered only with Education 483 Seminar in Student Teaching.

Required of all candidates in all education programs.

A \$125 fee is charged for this course.

Offered every semester.

EDU 483. Seminar in Student Teaching (All Programs). (3)

Co-requisite: EDU 480

Prerequisites: Completion of all major courses and admission to Student Teaching by the Teacher Education committee. The candidate must have passed the required Praxis I tests and must provide evidence of having taken or registered for Praxis II tests.

Seminar activities prior to student teaching and weekly seminars on campus during student teaching. Emphasis on home-school relations, diagnostic-prescriptive teaching, mainstreaming, exceptional children, classroom management, and current issues and problems in teaching, and professional portfolio completion.

Offered only with Education 480 Student Teaching.

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 rules and regulations on page 55.

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 pages 55.

NOTE: Methods courses (ENG 335, MAT 336, SCI 321, SSC 335) required for Secondary School majors, are listed in the departmental course descriptions.

English (ENG)

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 (2005 Core, Area B-2, or 1995 Core, Area A-1).

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 better 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 A-1 (1995) and Area B-2 (2005).

Offered every semester.

ENG 112. Introduction to Literature and the Research Paper. (3)

Prerequisite: ENG 111 (unless exempt).

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 better 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 A-1 (1995) and Area B-2 (2005). 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.

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.

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.

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 required for all Elementary Education majors.

Offered Spring Semester.

ENG 242. Creative Writing. (3)

Prerequisite: ENG 112.

An introduction to Creative Writing in a workshop environment. Students will write and read fiction, poetry, and creative non-fiction. Requires permission of instructor.

Note that ENG 242 is the **only** creative writing course that may be used toward the English major.

Does NOT satisfy Core Curriculum requirements for Humanities and Fine Arts, Area E-1 or E-2 (1995) or Area C-1 or C-2 (2005).

Offered every Fall Semester

ENG 321. Children's Literature. (3)

Prerequisites: ENG 112, EDU 101-104 (one course), EDU 224

A survey of international literature (prose and verse representing a range of periods) for children, with emphasis on teaching methods and curricular issues.

Required of all Elementary Education majors. A grade of "C" or better is required.

Required field experience involving teaching in the public schools.

Does NOT satisfy Core Curriculum requirements for Humanities and Fine Arts, Area E-1 or E-2 (1995) or Area C-1 or C-2 (2005).

Offered Spring Semester on basis of need as determined by English and Education departments.

ENG 322. Adolescent Literature. (3)

Prerequisite: ENG 112, EDU 101-104 (one course)

A survey of international literature (prose and verse representing a range of periods) for adolescents with emphasis on teaching methods and curricular issues.

Required field experience in the public schools.

Required for teacher certification in English.

Does NOT satisfy Core Curriculum requirements for Humanities and Fine Arts, Area E-1 or E-2 (1995) or Area C-1 or C-2 (2005).

Offered Spring Semester, even-numbered years.

ENG 335. Methods of Teaching English/Social Studies. (3)

Prerequisite: ENG 112, EDU 101-104 (one course), EDU 224

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.

Required field experience involving teaching in the public schools.

English 335 and Social Sciences 335 are cross-listed in this catalog. Students may receive credit for either course, but not for both.

Does NOT satisfy Core Curriculum requirements for Humanities and Fine Arts, Area E-1 or E-2 (1995) or Area C-1 or C-2 (2005).

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.

Offered Spring Semester, odd-numbered years.

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.

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.

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.

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.

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.

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.

Offered Fall Semester, even-numbered years, on the basis of need as determined by the English department.

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.

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.

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.

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.

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 E-1 or E-2 (1995) or Area C-1 or C-2 (2005).

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.

Offered every Fall Semester.

ENG 460. Literary Criticism. (3)

Prerequisite: ENG 112.

A study of literary criticism from theoretical, practical, and historical perspectives.

Required for teacher certification in English.

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 E-1 or E-2 (1995) or Area C-1 or C-2 (2005).

Offered Spring Semester, odd-numbered years.

ENG 480. Selected Topics. (3)

Prerequisite: ENG 112.

A study of various movements and genres of interest to the undergraduate student.

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 pages 55.

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 pages 55 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 pages 54.

Forensic Science (FSC)

FSC 211. Introduction to Forensic Science. (3)

Prerequisites: A grade of "C" or better in SCI 120 or CHE 113; BIO 101, 121, or 130.

An introductory course with emphasis on the terminology and techniques used in forensic science. Topics will include DNA evidence, trace analysis, laboratory equipment, analysis of data, crime scene analysis 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 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 DNA evidence, trace analysis, laboratory equipment, analysis of data, crime scene analysis 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 Science Laboratory Techniques. (3)

Prerequisites: A grade of "C" or better in FSC 211, FSC 212, CHE 231 and CHE 321 or CHE 376.

A continuation of FSC 211 and FSC 212. Students will be given case studies to analyze, applying techniques learned in previous chemistry courses. Data analysis will involve instrumentation used in forensic science. Eight hours of laboratory per week.

A \$150 lab fee is charged for this course.

Offered at departmental discretion.

FSC 495. Forensic Science Internship. (2)

Prerequisites: A grade of "C" or better in FSC 211, FSC 212, FSC 342, 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 56.

Offered on demand.

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.

French 101 and 102 satisfy the Core Curriculum requirements in Foreign Language.

Offered both semesters (101 and 102).

FRE 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. (Mandatory for two semesters for majors and one semester for minors.) A maximum of three hours can be earned.

Offered every semester.

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.

201 offered Fall Semester;

202 offered Spring Semester.

FRE 301, 302. Readings in French Civilization and History. (3, 3)

Prerequisite: FRE 202 or equivalent.

A chronological study of French culture and its various manifestations (politics, socio-economic life, art, music, literature). The first semester starts with pre-historic settlers of modern-day France and ends at the French Revolution; the second continues to the present.

Required of French majors.

Offered at departmental discretion.

FRE 303, 304. Introduction to French Literature. (3, 3)

Prerequisite: FRE 202 or equivalent.

A general survey of French literature from the Middle Ages to the present.

Offered at departmental discretion.

FRE 305. Conversation and Composition. (3)

Prerequisite: FRE 202 or equivalent.

An intensive course in the development of aural-oral and written skills.

Offered at departmental discretion.

FRE 306. The Twentieth Century. (3)

Prerequisite: FRE 202 or equivalent.

The various literary movements (Dadaism, Surrealism, Modernism, Existentialism, Theatre of the Absurd, the Nouveau Roman) and their leading exponents—Apollinaire, Proust, Sartre, Camus, Beckett, Robbe-Grillet, et al—from 1900 to the present.

Offered at departmental discretion.

FRE 307. Culture of the French-Speaking World. (3)

Prerequisite: FRE 202 or equivalent.

An intensive survey of the literature, culture, and history of French-speaking regions of the world, such as French West Africa, Quebec, Haiti, Louisiana, etc.

Offered at departmental discretion.

FRE 308. Introduction to Business French. (3)

Prerequisite: FRE 202 or equivalent.

Students are introduced to the French language of every day business operations. The goal is to prepare the business-minded student for the world of French business and economics.

Offered at departmental discretion.

FRE 311. The Middle Ages and the Renaissance. (3)

Prerequisite: FRE 202 or equivalent.

An in-depth study of French literature from the ninth century through the sixteenth century.

Offered at departmental discretion.

FRE 312. The Seventeenth and Eighteenth Centuries. (3)

Prerequisite: FRE 202 or equivalent.

A detailed study of the Classical Age and the Enlightenment in France: Moliere, Corneille, Diderot, Rousseau, Voltaire, et al. *Offered at departmental discretion.*

FRE 313. The Nineteenth Century. (3)

Prerequisite: FRE 202 or equivalent.

A study of Romanticism, Realism, Parnassianism, Naturalism, and Symbolism as exemplified by the works of France's greatest writers (Hugo, Balzac, Baudelaire, Zola, Rimbaud, et al) from 1880 to 1900.

Offered at departmental discretion.

FRE 490. Special Studies. (1-15)

Studies in specific disciplines which are taught on an individual basis or in various settings including study abroad programs. This course is repeatable a maximum of two times. Proposals for Special Studies require the 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.

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

An intensive reading course designed for the senior year. Regular consultations with the professor as well as a research paper or project are required.

Subject to rules and regulations on page 55.

FRE 499. Senior Essay. (1-3)

A project requiring scholarly research.

Offered at departmental discretion.

Subject to rules and regulations on pages 54.

Geography (GEO)

GEO 135 (HIS 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 F-2 (1995) and Area E-2 (2005).

The course is open to all students, but it is particularly relevant for those seeking secondary Social Studies certification and for Elementary Education majors.

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.

Satisfy the Core Curriculum requirements in Foreign Language, Area B-1 (1995) and Area G-1, 2005.

101 offered Fall Semester; 102 offered Spring Semester.

GER 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. (Mandatory for two semesters for majors and one semester for minors. A maximum of three hours can be earned.

Offered every semester.

GER 201, 202. Intermediate Language Study. (3, 3)

Prerequisite: GER 102 or equivalent.

Continuation of the development of the four basic language skills through readings in literature and culture.

201 offered Fall Semester; 202 offered Spring Semester.

GER 301, 302. German Civilization and History. (3, 3)

Prerequisite: GER 202 or equivalent.

Introduction to the German speaking countries of Europe. Selected readings in German, Austrian, and Swiss literature and history. The goal is an understanding of contemporary European civilizations and their historical backgrounds.

Required for German majors.

Offered at departmental discretion.

GER 303, 304. Survey of German Literature. (3, 3)

Prerequisite: GER 202 or equivalent.

German literature from its beginnings up to the Age of Enlightenment. Students read representative texts from the different time periods.

Offered at departmental discretion.

GER 305. The Age of Enlightenment. (3)

Prerequisite: GER 202 or equivalent.

Students will read a play by Gotthold Ephraim Lessing and samples of his critical writings.

Offered at departmental discretion.

GER 306. The 19th Century. (3)

Prerequisite: GER 202 or equivalent.

This course is mainly devoted to the works of Goethe and in the second half to a representative work of Theodor Fontane and Gottfried Keller.

Offered at departmental discretion.

GER 307. An Introduction to Business German. (3)

Prerequisite: GER 202 or equivalent.

Students are introduced to the German language of everyday business operations. The goal is to prepare the business-minded student for the world of German business and economics.

Offered at departmental discretion.

GER 311. Survey of German Literature. (3)

Prerequisite: GER 202 or equivalent.

Twentieth century literature. Students read and work with representative texts by major authors of this century. (Thomas Mann, Bertolt Brecht, Franz Kafka, Max Frisch, among others).

Offered at departmental discretion.

GER 490. Special Studies. (1-15)

Studies in specific disciplines which are taught on an individual basis or in various settings including study abroad programs. This course is repeatable a maximum of two times. *Proposals for Special Studies require the 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.

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

An intensive reading course in German literature with periodic discussions and written and oral reports designed for the senior year. A research paper is required.

Offered at departmental discretion. Subject to rules and regulations on pages 55.

GER 499. Senior Essay. (1-3)

A project requiring scholarly research.

Subject to rules and regulations on pages 54-55.

Offered at departmental discretion.

Greek (GRE)

GRE 101/GRE 102. Elementary Greek. (3, 3)

Essentials of Greek grammar, pronunciation, vocabulary building, and exercises in translating Greek into English.

Satisfy the Core Curriculum requirements in Foreign Language, Area B-1 (1995) and Area G-1 (2005).

Offered at discretion of Religion and Philosophy Department.

History (HIS)

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.

111 offered Fall Semester; 112 offered Spring Semester.

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.

History 111, 112, and 122 are required in all Teacher Certification programs.

121 offered Fall Semester; 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.

211 offered Fall Semester, odd-numbered years;

212 offered Spring Semester, even-numbered years.

HIS 220 (221, 222). 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 alternate years.

HIS 250. Latin American History. (3)

A survey of the history of Latin America, focusing on the historical experiences of Brazil, Cuba and Mexico 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 alternate years.

HIS 310. South Carolina History. (3)

The economic, political, and social history of South Carolina presented with topical, bibliographical, and methodological instruction for those planning to teach on the secondary level.

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. Puritans, Planters, and Patriots. A History of Colonial America and the Revolution. (3)

A summary of the European background to American settlement and a study of the British colonies in the 17th and 18th centuries with emphasis upon the causes of the American Revolution.

Offered Spring Semester, odd-numbered years.

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 and Reconstruction. (3)

An interpretive study of the causes, the course, and the consequences of the “War for Southern Independence.”

Offered alternate years.

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.

351 offered Fall Semester, odd-numbered years;

352 offered Spring Semester, even-numbered years.

HIS 360. Germany, Then and Now. (3)

Germany from the Brandenburg-Prussia era to the present.

Offered alternate years.

HIS 381. The Old South. (3)

A study of the economic, social and political characteristics of the South before 1865. The enduring nature of the “Lost Cause” receives special examination.

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 Holocaust, Vietnam, the Crusades, the Muslim World, Women in 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 pages 55.*

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 55.

HIS 499. Senior Essay. (1-3)

A project requiring scholarly research. *For majors only.*
Subject to rules and regulations on page 54.

Honors (HON)

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 E-1, E-2, and E-3 (1995) and Areas C-1, C-2, and C-3 (2005).

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 E-1, E-2, and E-3 (1995) and Areas C-1, C-2, and C-3 (2005).

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 C-1 and C-3 (1995) and Area D-1 and D-3 (2005).

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 C-1 and C-3 (1995) and Area D-1 and D-3 (2005).

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 F-1 and F-2 (1995) and Areas E-1 and E-2 (2005).

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 F-1 and F-2 (1995) and Areas E-1 and E-2 (2005).

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)

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 and Philosophy. For other courses offered by the Department of Religion and Philosophy see pages 154-155.

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 and Philosophy. Others permitted with Religion & Philosophy faculty approval.

Offered every semester.

HUM 101 (COS 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.

Offered at discretion of the Department of Religion and Philosophy.

HUM 201 (COS 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 and Philosophy.

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, Areas 1 and 2.

Offered at discretion of the Department of Religion and Philosophy.

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 and Philosophy.

HUM 495. Internship. (3)

Internships or practical experience in an approved program of study.

Subject to regulations and restrictions on pages 55- 56.

International Studies and Commerce (ISC)

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 regulations on pages 55.

ISC 499. Senior Essay. (3)

A project requiring scholarly research.

Offered as needed.

Subject to rules and regulations on pages 54.

Mathematics (MAT)

MAT 098 (100). 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 Mathematics.

Not open for credit to students with credit in mathematics beyond MAT 098.

Offered Fall Semester.

MAT 099 (110). 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 Mathematics.

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)

MAT 212: Calculus II--Integral Calculus. (4)

Prerequisite: MAT 150 or placement by the department.

An integrated treatment of calculus and analytic geometry. Topics covered include plane analytic geometry and calculus of a single variable.

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 Mathematics and Natural Sciences, Areas C-2 and C-3 (1995) and Areas D-2 and D-3 (2005). 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 Mathematics and Natural Sciences, Areas C-2 and C-3 (1995) and Areas D-2 and D-3 (2005).

Mathematics 222 will meet Core Curriculum requirements, Area C-2 (1995) and Area D-2 (2005), for only Early Childhood/Elementary Education majors.

Offered Spring Semester.

MAT 227. Discrete Mathematics. (3)

Prerequisite: Permission of instructor.

Topics covered include number theory, formal logic, induction, combinatorics, probability, discrete random variables, and Boolean algebra.

Offered Fall Semester.

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.

Offered Spring Semester.

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.

Offered Spring Semester.

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.

Offered Fall Semester, odd-numbered years.

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. Twelve hours (12) 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 Mathematics and Natural Sciences, Areas C-2 and C-3 (1995) or Areas D-2 and D-3 (2005).

Offered Spring Semester, odd-numbered years.

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.

Offered Fall Semester, odd-numbered years.

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.

Offered Fall Semester.

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.

Offered Spring Semester.

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 55.

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 pages 55.

MAT 499. Senior Essay. (1-3)

A project requiring scholarly research.

Subject to rules and regulations on page 54.

Military Science (MSC)

Written and oral communications, physical training, first-aid, navigation, leadership and ethics are taught throughout the four-year program.

MSC 101, Leadership Personnel Development and (2 credit hours each semester)

MSC 102, Introduction to Tactical Leadership

(2 hrs. lecture, 3 hrs. lab weekly) No Military Obligation incurred.

MCS 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 overviews 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 2005 Core Curriculum requirements in Physical Education, Area H.

Class meets twice a week at Newberry College; Lab, once a week at Presbyterian College.

101 offered Fall Semester; 102 offered Spring Semester.

MSC 105, Foundations of Leadership (Compressed) (3)

This course is offered by exception only, and with prior approval of the Professor of Military Science and Leadership. This course merges the MSC 101-102 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 and (2 credit hours each semester)

MSC 202, Foundations of Tactical Leadership

(2 hrs. lecture, 3 hrs. lab weekly) No Military Obligation incurred.

MSC explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two 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 and participating in leadership labs.

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 2005 Core Curriculum requirements in Physical Education, Area H.

Class meets twice a week at Newberry College; Lab, once a week at Presbyterian College.

201 offered Fall Semester; 202 offered Spring Semester.

MSC 205, Leadership and teamwork (3)

This course is offered by exception only, and with the prior approval of the professor of Military Science and Leadership. This course merges MSC 201-202 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 250. ROTC Leadership Training Camp (LTC). (6)

Prerequisite: Approval of the Professor of Military Science.

Five weeks of summer training at a military installation. Enrollment is limited to students who have completed no more than one semester of military science and have at least two years remaining before graduation. Travel pay and salary provided. The course may be taken instead of the first and second year basic courses. Camp graduates are eligible for enrollment in advanced military science. This is a pass/fail course only.

Satisfies 2005 Core Curriculum requirements in Physical Education, Area H.

Offered only during the summer session.

MSC 301, Adaptive Tactical Leadership and (3 credit hours each semester)

MSC 302, Leadership in Changing Environments

(3 hrs. lecture, 3 hrs. lab weekly, prerequisite.: basic course or credit for 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 Uses increasingly intense situational leadership challenges to build cadet awareness and skills in leading tactical operations up to platoon level. Cadets review aspects of combat, stability, and support operations. They also conduct military briefings and develop proficiency in garrison operation orders. MSC 302 cadets are evaluated on what they know and do as leaders as they prepare to attend the ROTC summer Leader Development Assessment Course (LDAC). The focus is on exploring, evaluating, and developing skills in decision-making, persuading, and motivating team members in the contemporary operating environment.

Satisfies 2005 Core Curriculum requirements in Physical Education, Area H.

301 offered Fall Semester; 302 offered Spring Semester. Lab meets at Presbyterian College.

MSC 401, Developing Adaptive Leaders and (3 credit hours per semester)

MSC 402 Leadership in a Complex World

3 hrs. lecture, 3 hrs. lab weekly; Prerequisite: MSC 301, 302.

MSC 410 develops cadet proficiency in planning, executing, and assessing complex operations, functions as a member of a staff, and providing performance feedback to subordinates. Cadets assess risk, make ethical decisions, and lead fellow ROTC cadets. Lessons on military justice and personnel processes prepare cadets to make the transition to Army officers.

MSC 402 explores the dynamics of leading in the complex situations of current military operations in the contemporary operating environment. Cadets examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. They also explore aspects of interacting with non-government organizations, civilians on the battlefield, and host nation support.

Satisfies 2005 Core Curriculum requirements in Physical Education, Area H.

401 offered Fall Semester; 402 offered Spring Semester. Lab meets at Presbyterian College.

MSC 405 Leadership, Management, and Officership (Compressed) (3)

This course is offered by exception only and with the prior approval of the Professor of Military Science and Leadership. This course merges MSC 401 & 402 courses into a compressed period. The course accomplishes all enabling learning objectives and Terminal Learning Objectives of two sessions. Military obligation is incurred due to linkage to follow on courses and commissioning.

Music (MUA—Applied Music)

Fees

Music fees for a semester or a summer session are as follows:

| | |
|---|-------|
| Private lessons in Piano, Organ, Voice, or Band Instruments, Each Credit Hour | \$125 |
| 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.

† Private Lesson Fee

‡ Class Fee

Only music majors who have been admitted to the Bachelor of Music program can take an applied music course for more than two hours during each semester.

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 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. *101 offered Fall Semester; 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 115, 116, 215, 216, 315, 316, 415, 416. Voice I. † (1-4)

Major or secondary instrument.

Requires concurrent enrollment in MUA 110.

MUA 121, 122, 221, 222, 321, 322, 421, 422. Piano I. † (1-4)

Major or secondary instrument.

MUA 125, 126, 225, 226, 325, 326, 425, 426. Organ I† (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.

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.

MUA 207. Brass Class.‡ (2)

A study of scales and techniques of brass instruments.

Offered Spring Semester.

MUA 210. Woodwind Class. (2)

A study of scales and techniques of woodwind instruments.

Offered Fall Semester.

MUA 213. Percussion Class.‡ (2)

A study of rudiments and techniques of the percussion instruments.

Offered Fall Semester.

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. Graded on Pass/Fail basis.

MUA 480. Recital. (2)

Performance of approximately 60 minutes.

Offered at departmental discretion. Graded on Pass/Fail basis.

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. These ensembles are also open to non-music majors by audition. Marching/ Concert Band and Newberry College Singers can be taken for either one credit or zero credit.

The following ensembles are open to all students by audition: Brass Ensembles (MUE 107—zero credit), Jazz Ensembles (MUE 104—zero or one credit), Jazz Combo (MUE 105—zero or one credit), Percussion Ensembles (MUE 108—zero credit), Vocal Ensembles (MUE 112—zero or one credit), and Woodwind Ensembles (MUE 106—zero or one credit).

Note that students who choose “zero credit” for ensembles that offer this option will still receive a grade for the ensemble on their transcript.

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)

Offered every semester.

MUE 108. Percussion Ensemble. (0)

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 E-3 (1995) and Area C-3 (2005).*
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 Fine Arts, Area E-3 (1995) and Area C-3 (2005).*
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 E-3 (1995) and Area C-3 (2005).*
Offered at departmental discretion.

MUS 343. History of Sacred Music. (3)

For Music Majors or by permission of instructor.

The student will experience the great wealth of hymns, anthems, oratorios, and other sacred music from the direct and simple to the most ornate and complex. The student will become familiar with the history of sacred music from its origins in the Old Testament and Gregorian Chant to twentieth century Black Gospel style by listening to representative works from each period of music history. *Satisfies Core Curriculum requirements in Fine Arts, Area E-3 (1995) and Area C-3 (2005).*
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.

Survey of the music of Western Civilization through lectures and recordings. *Satisfies Core Curriculum requirements in Fine Arts, Area E-3 (1995) and Area C-3 (2005).*
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. *Fulfills the teacher certification requirements for Music Education students.*
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 E-3 (1995) and Area C-3 (2005).
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.
This course may utilize team teaching either within the music department or across curricular lines.
Satisfies Core Curriculum requirements in Fine Arts, Area E-3 (1995) and Area C-3 (2005).
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)

Prerequisite: 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)

Melodic and harmonic invention. A study of triads and dominant seventh chords in all major tonalities. Practical application of all harmonic materials at the keyboard. Modulation to the key of the dominant. Form and analysis.

Offered Fall Semester.

MUS 174. Theory of Music II. (2)

Prerequisite: MUS 173 & MUS 171

Melodic and harmonic invention. A study of diminished seventh and secondary dominant chords in all major and minor tonalities. Practical application of all harmonic materials at the keyboard. Modulation to closely related keys. Form and analysis and arranging.

Offered Spring Semester.

MUS 271. Ear Training III. (1)

Prerequisite: MUS 172 & 174

Advanced 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)

Prerequisite: MUS 174 & 172

A study of secondary dominants Neapolitan sixth, and augmented sixth chords in all major and minor tonalities. Practical application of all harmonic materials at the keyboard. Creative writing in small structures. Form and analysis and arranging. Modulation to foreign related keys through the use of chromatic harmonic materials.

Offered Fall Semester.

MUS 274. Theory of Music IV. (3 or 4)

Prerequisite: MUS 273.

An introduction to 20th century music. A study of impressionistic techniques. Examination of pandiatonic and mirror harmony, polychordal, polytonal, and atonal writing. Creative composition.

Bachelor of Music Education students, 3 hours; Bachelor of Music students, 4 hours;

Bachelor of Arts-Applied, 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 majors.

MUS 365 does NOT meet the Core Curriculum requirements in Foreign Languages.

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 251. Introduction to Jazz History. (1)

A study of the history of jazz from its origins to the present which will include styles of jazz, composers, and performers.

This class is designed primarily for music education majors.

Students who are not music majors may take the class with the permission of the instructor.

MUS 252. Introduction to World Music. (1)

A survey of music from a variety of cultures around the world.

This class is designed primarily for music education majors.

Students who are not music majors may take the class with the permission of the instructor.

MUS 370. Music for Early Childhood/ Elementary Teachers. (3)

Materials and methods for the early childhood and elementary classroom teacher.

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.

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 382. Music and Technology. (3)

Prerequisite: EDU 282 (passed or exempted).

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.

This course will usually be team-taught within the Music Department.

Required of all Music Education students before enrolling in student teaching. Music education students must pass or exempt EDU 282 before taking this course. Other music majors and non-music majors may enroll with permission of the instructor.

Offered Spring Semester.

MUS 470. Elementary School Music Methods and Materials. (4)

Materials and methods of teaching elementary school music, including 12 hours of practicum in public school music classrooms.

Required for teacher certification for choral and instrumental music education majors.

Offered annually at departmental discretion.

MUS 471. Instrumental Methods and Materials. (3)

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.

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.

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 leading rehearsals and music in worship, as well as practical experience with handbells, Orff instruments, and keyboard instruments. Also includes a survey of hymnody and liturgy.

Offered at departmental discretion.

Music (MUS—Jazz Studies)

MUS 311. History of Jazz. (3)

Prerequisite: Music Literature (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: Theory I and Theory II (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: Jazz Theory and Arranging (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: Improvisation I (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 or problem area of music. The topic or problem 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 pages 55.

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 pages 55.

MUS 499. Senior Essay. (1-3)

A project requiring scholarly research.

Subject to rules and regulations on page 54.

Philosophy (PHI)

PHI 101. Philosophy and Life Today. (3)

A survey of traditional philosophical issues applied to concerns in today's world.

Offered at departmental discretion.

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 C-3 (1995) and Area D-3 (2005); Philosophy 110 does NOT satisfy Core Curriculum requirements for Humanities/Fine Arts, Area E-2 (1995) or Area C-2 (2005).

Offered at departmental discretion.

PHI 120 (215). Introduction to Ethics. (3)

A study of major ethical theories and their application to specific moral issues.

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.

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.

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.

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.

Offered at departmental discretion.

PHI 304. Contemporary Philosophy (since 1850). (3)

An examination of recent trends in Western thought, including philosophical analysis and existentialism.

Offered at departmental discretion.

PHI 311. Philosophy of Religion. (3)

Philosophical analysis of the central problems of religious belief.

Offered alternate years.

PHI 312. Philosophical Ethics. (3)

A study of major moral philosophers, ethical theories, and the structure of moral reasoning.

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 pages 54.

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 55.

Offered Spring Semester.

Physical Education (PHE)

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 2005 Core Curriculum, Area H.

Offered every semester.

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 2005 Core Curriculum, Area H.

Offered every semester.

PHE 103. 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 2005 Core Curriculum, Area H.

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 2005 Core Curriculum, Area H.

Offered Fall Semester.

PHE 105. Basic Swimming. (1)

This course is designed for the beginner to the intermediate swimmer. Emphasis is on personal safety in and around the water and on the development of swimming endurance. A variety of swimming strokes and self-rescue skills will be taught. This course provides the opportunity for students to earn the YMCA Water Safety Certificate.

Partially satisfies 2005 Core Curriculum, Area H.

Offered Spring Semester.

PHE 106. Lifeguarding. (1)

This class focuses on training students who are already good swimmers to become certified lifeguards. The course covers the skills and knowledge required for effective lifeguarding at swimming pools and at nonsurf open-water beaches. This course provides the opportunity for students to earn the YMCA Lifeguarding certificate.

Requirements: Each student must have a current Standard First Aid and an Adult CPR card, be able to swim 500 yards continuously, tread water for 1 minute, and swim underwater for 15 yards.

Partially satisfies 2005 Core Curriculum, Area H.

Offered Spring 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 2005 Core Curriculum, Area H.

Offered every semester.

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 2005 Core Curriculum, Area H.

Offered every semester.

PHE 110. Concepts in Life Maintenance. (2)

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. Laboratory and lecture activities are included.

This course is required of all students who entered Newberry College prior to Fall Semester 2005 and satisfies 1995 Core Curriculum requirements in Physical Education, Area G-1.

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 2005 Core Curriculum, Area H.

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 2005 Core Curriculum, Area H.

Offered every semester.

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 2005 Core Curriculum, Area H.

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 2005 Core Curriculum, Area H.

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, odd-numbered years.

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 Fall Semester, even-numbered years.

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 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)

A course 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 Spring Semester, odd-numbered years.

PHE 234. Theory of Coaching II. (3)

A course 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, even-numbered years.

PHE 242. Research and Information Technology in Sport and Physical Education (3)

This course is 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 every 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 310. Personal and Community Health. (3)

A study of the health related dynamics of human adaptation throughout the life cycle. An overview of the physical, psychological, and social dimensions of health as they combine to influence the whole human being.

Required for South Carolina teacher certification in ALL teaching fields.

Offered every semester.

PHE 325. Organization and Administration. (3)

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)

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.

Offered every summer.

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)

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)

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.

Offered Fall Semester.

PHE 442. Research in Sport Management. (3)

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 approved by the Department Chair.

Research project and/or field experience in physical education.

Subject to rules and regulations on page 55.

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.

Limited to majors in the department.

Subject to regulations and restrictions on pages 55.

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.

Limited to majors in the department; and students minoring in Coaching.

Subject to regulations and restrictions on page 55..

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 54.

Physics (PHY)

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.

Offered only during the Summer Session.

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, 214. Physics for Science and Engineering Students. (4, 4)

Prerequisite: MAT 211.

An introduction to the classical theories of physics making use of vector algebra and calculus. Topics in Physics 213 include optics, particle dynamics, rotational dynamics, conservation of energy and momentum, oscillations, and waves in elastic media. Topics in Physics 214 include heat, temperature, the ideal gas, the first and second laws of thermodynamics, electric fields, electric potential, magnetic fields, electromagnetic induction, and passive circuits.

Three lecture and three laboratory hours per week.

A \$95 fee is charged for each semester of this laboratory course.

213 offered Fall Semester; 214 offered Spring Semester.

PHY 351. Classical Mechanics. (3)

Prerequisites: MAT 211, 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, 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)

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 1995 Core Curriculum requirements in Social Sciences, Area F-2, and 2005 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)

Prerequisite: POS 121 or 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 56.

Offered every semester.

POS 300 (281). 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)

Prerequisite: POS 122 or 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)

Prerequisite: POS 122 or 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 the discretion of the Department.

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 the discretion of the Department.

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 55.

POS 495 or 496. Political and Legal Internships. (1-3)

Prerequisite: POS 121 or 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 pages 55.

Psychology (PSY)

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 F-2 (1995) and Area E-2 (2005).

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, odd-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 is required for teacher certification.

Psychology 332 partially meets Core Curriculum requirements in Social Sciences, Area F-2 (1995) and Area E-2 (2005).

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.

Subject to rules and regulations on page 55.

Offered at departmental discretion.

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 55.

Religion (REL)

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. *Satisfies 1995 Core Curriculum requirements in Religion, Area D-1. Satisfies 2005 Core Curriculum requirements in Religion, Area F-1.*

Required of all students. Offered every semester.

NOTE: Students may not take both the REL 110 and the REL 111-112 sequence (offered beginning Fall 2007) 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.

Offered alternate years. This course may be taken by History Majors to complete degree requirements in the field of History (see pages 84-86).

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.

Offered alternate years. This course may be taken by History Majors to complete degree requirements in the field of History (see pages 84-86)

REL 213. Christian Ethics in a Changing Society. (3)

Prerequisite: REL 110.

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 Spring Semester.

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.

REL 250 (COS 150, 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.

REL 301. Jesus: His Religion and His Teachings. (3)

Prerequisite: REL 110.

The character, ministry, and teaching of Jesus Christ, based upon the New Testament, including an examination of modern interpretations of Jesus.

Offered alternate years.

REL 302. The Hebrew Prophets: Their Times and Message. (3)

Prerequisite: REL 110.

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.

REL 303. Paul: His Life, Writings, and Continuing Impact. (3)

Prerequisite: REL 110.

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.

REL 305. The General Epistles and the Johannine Literature. (3)

Prerequisite: REL 110.

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.

REL 310 (400). 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 page 84-86).

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.

Offered alternate years.

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.

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.

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.

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.

Offered alternate years.

REL 481, 482. Seminar on Religious Issues. (1-3, 1-3)

Prerequisites: REL 110 and at least one other course in Religion.

An intensive study of a question or problem in Biblical studies, religious history, or a current religious movement or issue.

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 55.

REL 495 (COS 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 55.

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 54.

Offered at departmental discretion.

Science (SCI)

SCI 110, 112, and 120 can be taken to satisfy the Core Curriculum requirement in Natural Sciences and Mathematics, Areas C-1 and C-3 (1995) and Areas D-1 and D-3 (2005).

SCI 110. Introduction to Earth Science. (4)

An introduction to astronomy, oceanography, geology, and meteorology. Three lecture and three laboratory hours per week.

A \$95 fee is charged for this laboratory course.

Required of all teacher education students.

Offered every semester.

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.

A \$95 fee is charged for this laboratory course.

Offered Spring Semester.

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 Ethics..

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 a week.

A \$95 fee is charged for this laboratory course. Required of all Elementary Education majors.

Offered every semester.

SCI 321. Methods of Teaching 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 grades 6-12. Topics will include discussion of teaching strategies, classroom management, planning for instruction, demonstrations, technology, use of the scientific method in laboratory experiences, and organization of science projects and science fairs. Also covered will be the various types of assessment as well as safety and health responsibilities in the classroom and laboratory. Three lecture hours per week.

A field experience involving teaching in the public schools is required for this course.

Required for teacher certification in the natural sciences.

Does NOT satisfy Core Curriculum requirements for Mathematics and Natural Sciences.

Offered at departmental discretion.

Social Sciences (SSC)

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 C-3 (1995) and Area D-3 (2005).

Offered every semester.

SSC 335. Methods of Teaching Social Studies/English. (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 field experience involving teaching in the public schools is required for this course.

Required for teacher certification in History or Social Studies.

SSC 335 and ENG 335 are cross-listed in this catalog. Students may receive credit for either course, but not for both.

Offered on the basis of need as determined by the chairs of the Departments of Education, English, and History and Political Science.

Social Work (SWK)

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 Spring Semester.

SWK 200. Human Behavior in the Social Environment. (3)

Prerequisite: Social Work 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 Fall Semester, odd-numbered years.

SWK 495. Social Work Internship. (3)

Prerequisites: Social Work 101, Social Work 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 55. Offered every semester

Sociology (SOC)

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.

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.

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 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 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.

Sociology 236 and Psychology 236 are cross-listed. Students may receive credit for one, but not both courses.

Sociology 236 and Psychology 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 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 (401). Social Theory. (3)

Prerequisite: 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)

Prerequisite: 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 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 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 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 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 55.*

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 55.

Spanish (SPA)

SPA 101, 102. Elementary Language and Culture. (3, 3)

Two semesters of 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.

SPA 101 and 102 satisfy the Core Curriculum requirement in Foreign Language, Area B-1 (1995) and Area G-1 (2005).

SPA 101 and 102 offered every semester, and the sequence is offered in Summer I and II.

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 for two semesters for majors and one semester for minors.

Offered every semester.

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.

201 offered Fall Semester; 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. *Required for Spanish majors. 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. (1-15)

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 55.

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 54.

Speech (SPE)

SPE 110. Public Speaking. (3)

Prerequisite: ENG 111.

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 A-1 (1995) and Area B-1 (2005).

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, Area C-2.

Offered Spring Semester, even-numbered years.

SPE 310. Advanced Public Discourse. (3)

Prerequisite: SPE 110.

Presentational, listening, and research skills including interviewing, group communication, and public speaking in settings 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: Communication Arts in Performance, 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 55.

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 55.

Offered every semester.

Theatre (THE)

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 scenework, 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 E-3 (1995) and Area C-3 (2005).

Offered Fall Semester.

THE 103. Stagecraft. (2)

Co-requisite: THE 104

The study of modern technical staging methods, techniques, and equipment and the construction of stage scenery and properties. This class meets for two classroom hours per week. **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, techniques, and equipment and the construction of stage scenery and properties. This class meets for two 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 Fine Arts, Area E-3 (1995) and Area C-3 (2005).

Offered every semester.

THE 111, 112, 121, 122, 131, 132, 141, 142. Theatre Production-Performance.

(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)

Open to all students. Students participate in a technical capacity in departmental productions. 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

Prerequisite: THE 103 & THE 104

A continued development of skills and techniques learned in *Stagecraft* with practical on- and off-campus experiences. Additional experience and training in stage lighting control, construction techniques, and running crews 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; Prerequisite: THE 103 & THE 104

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 and the reasons these techniques are used. Using the facilities of the Langford Communications Center, students will explore the differences between stage and studio as well as “on location” performance 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 retain a tape 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. Students are required

A materials fee of \$75 is charged to purchase required personal makeup kit.

Offered Fall Semester, even-numbered years.

THE 232. Stage Costuming. (3)

A study of the principles and methods of stage costuming. Students participate in researching historical periods of costuming and practice renderings of costume designs.

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 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 Spring Semester, even-numbered years.

THE 301. History of the Theatre. (3)

Development of all phases of the theatre and drama from the ancient Greeks to modern times. 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.

Principles and methods of modern scenic design including computer-aided design. Instruction in presentation techniques and theatrical drafting.

A materials fee of \$75 is charged.

Offered Spring Semester, odd-numbered years.

THE 303. Stage Lighting and Lighting Design. (3)

Principles, methods, and tools of stage lighting design including computer-aided design, and the use of lighting equipment.

A materials fee of \$40 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, 111, and 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, Chamber Theatre, Dialects for the Stage. 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 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 55.

Veterinary Technology (VET)

VET 101. Introduction to Veterinary Science. (3)

This course is an introduction to the veterinary profession. It will provide students with a comparative view of various veterinary careers serving both people and animals. Basic subjects pertinent to all the veterinary sciences will be discussed with primary emphasis on medical terminology, breed recognition, animal industry management and husbandry, professional ethics, using web-based information, and fundamentals of disease.

Offered Fall Semester.

VET 201 (161). Anatomy and Physiology of Domestic Animals. (4)

Prerequisites: BIO 122 and VET 101.

A comparative study of the physiological mechanisms, functions, and metabolism of the organ systems within the body. A regional approach will be used to study the various classes of domestic animals which may include canine, feline, equine, ruminants, swine, and poultry samples. Three hours lecture; three hours laboratory each week.

Offered Fall Semester.

VET 220. Pharmacology and Toxicology. (3)

Prerequisites: MAT 150, BIO 212 (or concurrent) and VET 201 or 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 Spring Semester.

VET 240. Veterinary Nursing. (4)

Prerequisites: VET 101 and VET 201

A hands-on course in which students will acquire the manipulative skills and the knowledge necessary to act as a veterinary technician. Animal care, handling, and nursing skills will be discussed and demonstrated by the instructors, then demonstrated by the students. Animals used will mainly be dogs and cats, but may also include horses, cattle, pigs, goats, and chickens. Three hours lecture; three hours laboratory each week.

Offered Spring Semester.

VET 245. Fundamentals of Animal Research. (3)

Prerequisites: BIO 212 and VET 220 (or concurrent).

The study of laboratory animals as integral parts of biomedical research. Rats, mice, guinea pigs, gerbils, rabbits, hamsters, dogs, cats, primates, birds, and other animals will be studied in regard to their housing requirements; nutrition; handling and restraints; sexing; identification; breeding techniques; surgical techniques; anesthesia techniques; injection and blood collecting techniques; diseases, and necropsy. Federal and state regulations governing laboratory animal use will be discussed in detail.

At least two all-day field trips are required of all students enrolled in this course to gain hands-on laboratory experience.

Offered Fall Semester.

VET 321 (260). Principles of Large Animal Medicine. (4)

Prerequisites: VET 220, VET 240.

This course will include the basic principles of large animal medicine including humane care, nutrition, breeding, housing, genetics, inheritance, and husbandry. The essential tasks relating to handling and restraint, treatment, venipuncture, anesthesia, and the administration of drugs and fluids to farm animals will be covered. A study of the diseases of farm animals with emphasis on disease control, prevention, treatment, and immunization will be included. Common surgical procedures as well as specimen collection and preservation will be discussed. Three hours lecture; three hours laboratory each week.

Offered Fall Semester.

VET 324. Clinical Laboratory Techniques. (4)

Prerequisite: BIO 212, VET 220, VET 240.

This course will introduce the student to veterinary clinical pathology techniques including blood chemistry, hematology, urinalysis, fecal analysis, parasite identification, cytology, and necropsy procedures. Emphasis will be placed on the use of a combination of easily conducted and reliable laboratory procedures for routine application in practice settings. Students will actively participate in sample collection and utilize a variety of types of equipment. Three hours lecture; three hours laboratory each week.

Offered Spring Semester.

VET 341. Small Animal Diseases. (3)

Prerequisites: BIO 342, VET 324, and VET 347 (or concurrent).

This course will include a general study of small animal diseases, including their etiology, pathogenesis, clinical signs, diagnosis, prevention, and treatment. A review of drug and fluid administration will be included.

Offered Spring Semester.

VET 347. Surgical Nursing and Radiography. (4)

Prerequisite: BIO 212, VET 240 (or concurrent) and VET 324.

This course will begin with a review of anesthetic drugs and protocols. The student will participate in the care and use of anesthetic equipment, patient management, and pain management. The student will then learn and apply techniques used in aseptic surgery, including patient and team preparation, surgical instrumentation, surgical procedures, and preoperative and postoperative care. Finally, the basic principles of radiology will be discussed with emphasis on safety, positioning, exposure techniques, and processing of diagnostic radiographs. Three hours lecture; three hours laboratory each week.

Offered Spring Semester.

VET 395. Externship I: Laboratory Animal, Research Facility, or Non-traditional Experience. (2)

Prerequisite: BIO 122; VET 220, 245. Depending on the site selected, students may be required to have completed or be concurrently enrolled in BIO 212, 315, and/or 342; CHE 113, 114; VET 321, 324, 341, and/or 347.

Students will spend four weeks (160 contact hours) working and learning in a facility that conducts research, houses laboratory animals or in some way contributes to veterinary medicine in a fashion that is non-traditional (not based on the provision of medical and surgical care of domestic animals). Students may perform experimental protocol, collect, compile and analyze research data, care for animals utilized in the facility or otherwise participate in the business of the facility.

Subject to regulations and restrictions on page 56.

Registration with the permission of the program director.

May be repeated once for additional credit.

VET 396. Externship II: Small, Large or Mixed Animal Practice. (2)

Prerequisite: BIO 212; VET 220, 324, 347. Depending on the site selected, students may be required to have completed or be concurrently enrolled in VET 260 and/or 341.

Students spend four weeks (160 contact hours) in an approved animal hospital to develop and practice their nursing skills.

Subject to regulations and restrictions on page 56.

Registration with the permission of the program director.

May be repeated once for additional credit.

VET 400. Senior Veterinary Seminar. (3)

Prerequisite: Senior Status.

The course is designed to introduce the veterinary technology student to hospital management techniques, client service, telephone skills, the medical records, personnel management, ethics and liability in the veterinary practice, client education techniques, job search procedures, and to provide a review for the Veterinary Technician National Examination. A special portion of the course is dedicated to euthanasia including the techniques used, an introduction to bereavement, and client counseling skills. Three hours lecture each week.

Offered Spring Semester.

ADMINISTRATION, FACULTY, AND STAFF

ADMINISTRATION AND STAFF 2006-2007

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 20, 2006.)

MITCHELL M. ZAIS, President of the College (2000);

B.S., U.S. Military Academy, West Point, NY, 1969;

M.S., University of Washington, Seattle, WA, 1979;

M.A., U.S. Army Command & General Staff College, Leavenworth, KS, 1985;

Ph.D., University of Washington, Seattle, WA, 1986.

BOBBIE H. SIDES, Executive Assistant to the President (1974, 1994);

B.A., Newberry College, 1980.

ACADEMIC AFFAIRS

JEFFREY W. STOUT, Vice President for Academic Affairs/Provost;

Professor of History (2005);

B.A., University of Cincinnati, 1980;

M.A., Ohio University, 1983;

D.A., Illinois State University, 1998;

Ph.D., Ohio University, 1988.

GORDON C. HENRY, Professor Emeritus of Communications (1996);

College Archivist (1996);

B.A., University of Northern Iowa, 1953;

M.A., University of Iowa, 1960;

Litt.D. (Honorary), Newberry College, (2005).

DONALD W. JOHNSON-TAYLOR, Director of Institutional Research & Assessment;

Coordinator of Disability 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 Provost (2002)

Supervisor of Faculty Support Staff, (2004).

Office of the Registrar

CAROL A. BICKLEY, Registrar (1968, 1983).

CINDY F. SHEALY, Assistant Registrar (1977, 1989).

Academic Skills Center/Writing Center

JENNIFER SETTLEMYER, Director, Academic Skills Center; Director of Retention (2005);

B.S., Oklahoma State University, 1990;

M.S., Oklahoma State University, 1997.

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.

SANDRA L. SMITH, Administrative Assistant

to Director of Library Services (1997, 2006).

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).

MELINDA L. KRANTZ, Public Services Assistant (2006);

B.A., Newberry College, 2003.

ABIGAIL S. RUSH, Associate Director of Library Services: Public Services;

Instructor of Library Science, (2005);

B.A., Wheaton College, 2000;

M.A., Miami University, 2003;

M.L.I.S., University of South Carolina, 2005.

Langford Communications Center and Media Services

JOEL BOYTER, Director of Langford Communications Center, (2000, 2004);

B.S., Middle Tennessee State University, 1992;

M.M.A., University of South Carolina, 2005.

JUSTIN P. SMITH, Production Manager (2004);

B.A., Newberry College, 2001.

Center for the Study of Values Based Learning

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.

Faculty Support Staff

GEORGANNA ENLOW, Faculty Support Assistant

for Music and Science and Math, (2006).

BETH TAYLOR, Faculty Support Assistant

for McClurg, Physical Education, (2006);

B.S., Newberry College, 1987.

NANCY WARREN, Faculty Support Assistant

for Education and CACP Records Coordinator, (1987, 2001);

B.A., Newberry College, 2000.

Veterinary Technology and Staff

CAMILLE GRADY SHERROD, Assistant Professor and Director of Veterinary

Technology (2005);

B.A., UNC-Chapel Hill, 1988;

DVM, North Carolina State University College of Veterinary Medicine, 2000.

SYLVIA J. MACFARLANE, Veterinary Technologist (1980, 1999);

B.A., 1989; B.S., 1999, Newberry College.

LISA WESTBERRY WESSINGER, Veterinary Technologist (2004);

B.S., Newberry College, 2001.

BUSINESS AFFAIRS

JOHN M. ROBERSON III, Vice President for Business Affairs;

B.B.A., Texas Christian University, 1974

M.B.A., Houston Baptist University, 1986.

BETTY FRANKLIN, Executive Assistant to the Vice President for Business Affairs (2002).

DEBORAH L. PEAKE, Director of Human Resources (2001);
B.A., Baldwin Wallace College, 1990.

Accounting

LANDEE BUZHARDT, Director of Accounting (2005, 2006);
B.S., Newberry College, 1991;
USC, South Carolina Banker's School, 2000.
MARTHA F. DOMINICK, Accounting Assistant (1978, 1996).
BETTY CONNELLY, Accounts Payable Coordinator (2002).
BETTY W. STOCKMAN, Accounts Receivable Coordinator (1994, 2002).
ANN B. WICKER, Payroll Administrator (1977, 1999).
BRITTANY CHRISLEY, Accounts Receivable Assistant, (2004, 2005).

Information Technology

MARC REGIER, Director of Information Technology, (2005).
JAMIE GARCIA, Applications Support Specialist, (2005);
Comptia A + Certification, 2000;
Microsoft Certified Systems Engineer, 2002;
Diploma of Information Technology, ECPI College, 2002;
Jenzabar and SQL Administration, 2006.
VICKEY LAMBERT, Information Technology Administrator, (2005).
MITCHELL LEWIS, Information Technology Technician, (2005);
B.A., Newberry College, (1988);
BME Instrumental, (1989);
Comp. TIA A+ Certified Computer Repair.

Physical Plant

BOBBY F. LONG, Director of Physical Plant (1975, 1994).
MURRIEL B. SHEALY, Administrative Assistant
to Director of Physical Plant (1973, 1993).
JAMES CROMER, Assistant Director of Physical Plant, (1991, 1994).
THOMAS MCCRACKEN, Supervisor of Grounds (1998, 2002).
JIMMY WALKER, Supervisor of Custodial Services (1993, 1994).

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, Coordinator of Institutional Advancement (2005, 2006);
B.A., University of North Alabama, 2005.
JAMES A. HALE, Director of Planned Giving (1999);
B.A., Newberry College, 1963;
J.D., University of South Carolina, 1970.
MICHELLE T. HARDY, Director of Foundation and Corporate Relations (2004);
B.A., Pennsylvania State University, 1997;
J.D., University of South Carolina Law, 2000;
Certified Grants Specialist, 2004.
DOROTHY L. JEFFCOAT, Director for Alumni Relations (2001);
B.A., Newberry College, 1963;
M.S., Marywood College, 1979
Ped.D., (Honorary), Newberry College, 1991.

Newberry College ~1856-2006

CECELIA KOROMA, Administrative Support (2004).
PEGI ROBERTS, AIM, Church Relations/Young Alumni (2006)
B.A., Newberry College, 1988.
SONYA SHEALY, Coordinator of Gift Processing Activities (2003, 2006).
TERRI STOKES, Administrative Coordinator (2006)
CAYCI STOKES BANKS, Director of Public Relations and Marketing (2003, 2004);
B.A., Newberry College, 2003.
MELISSA THOMAS, Research Analyst for Institutional Advancement (2006);
B.A. Newberry College, 2006.
BRENDA WILLIAMS, Director of Institutional Advancement (2006).

ENROLLMENT MANAGEMENT

JOHN T. D. "RUSTY" CASEY, Vice President for Enrollment Management (2003);
B.S., U.S. Military Academy, 1969;
M.A, University of Missouri, 1979;
Fellow, Harvard University, 1990
Ph.D. (HC), Campbell University, 2001.
ANN COTNEY, Data Coordinator (2004).
CRYSTAL H. STOCKMAN, Communications Coordinator (1995, 2000);
Associates Degree, Piedmont Technical College, 1980.
JENNIFER B. SETTLEMYER, Director of Academic Skills Center
/Director of Retention (2005);
B.S., Oklahoma State University, 1990;
M.S., Oklahoma State University, 1997.
JENNIFER TERRY, Executive Assistant for Enrollment Management (2006).

Enrollment Management/Admissions

J. MICHAEL ROBBINS, Director of Admissions, (2004);
B.M.E., Jacksonville University, 1993;
M.A.T., Jacksonville University, 2002.

Enrollment Management/Admissions-Financial Aid

SUSANNE NELSON, Director of Financial Aid (2001, 2005);
B.S., University of South Carolina, 1995.
QUIANA ANDERSON, Admissions and Financial Aid Counselor, (2005);
B.A., Newberry College, 2005.
ASHLEY BAILEY, Science Admissions and Financial Counselor, (2006);
B.A., University of South Carolina, 2005.
LISA A. WESSINGER, Lutheran Admissions and Financial Aid Counselor (2005);
B.S., Newberry College, 2005.
SARA WILLIS, Admissions and Financial Aid Counselor (2004);
B.A., Pikeville College, 2004.
KATIE E. YOUELL, Admissions and Financial Aid Counselor, (2006);
B.A., Anderson College, 2005.

Enrollment Management/Financial Aid

MELISSA A. LUTZ, Enrollment Systems Director;
Assistant Director of Financial Aid/Web Designer (2001);
B.S., Newberry College, 2001.
DEBORAH E. JARMAN, Financial Aid Counselor (1998, 2003);
A.A., Goldey Beacom College, 1975.
SANDRA "DANIELLE" MOORE BELL, Financial Aid Assistant (2005);
B.S., Lander University, 2005.

STUDENT AFFAIRS

- WILLIAM STEIGER, Vice President for Student Affairs (2002);
B.A., Virginia Technological Institute, 1969;
M.S., Gonzaga University, 1982.
- TRAVIS BALLENGER, Director of Career Services and Orientations, (2005);
B.A., University of South Carolina, 2002;
M.A., Webster University, 2005.
Ph.D. Candidate, Walden University
- MINDY BLISS, Director of Residence Life (2001);
B.S., Oakland City College, 1992.
- DINAH BOICE, Executive Assistant to the Vice President of Student Affairs
(2001, 2003).
- CAROL BRIDGEMAN, Post Office Manager (2005).
- CONAN BROOKS, Director of Intramurals and Resident Director, (2006);
B.S., Florida Southern College, 2005.
- KAY THOMAS, Assistant Dean of Students, (2006);
B.A., Carson-Newman College, 1999;
M.S., University of Tennessee, 2002.
- JENNIFER WITHERS, Director of All Campus Events (ACE) and
Student Publications (2003);
B.S., Eastern Kentucky University, 1998;
M.S., Mississippi State University, 1999.
- JONATHAN CHADWICK, Assistant Director of Residence Life (2004);
B.A., Rhode Island College, 1980;
M.Div., Boston University, 1983.

Wellness Services

- DENE B. HYATT, RN & CDE, Director of Wellness Services, (2004);
LPN Degree, Newberry Vocational Center, 1986;
Associates Degree, Greenville Technical College, 1992;
Diabetes Educator, National Diabetic Association, 2000.
- SHAKISHA REDMOND, Physician Assistant (2006);
PA-C Medical University of South Carolina
M.S., Jackson State University
B.A., Talladega College
- MARTHA DORRELL, ACSW (2006);
LISW Counseling Services;
M.S.W., University of South Carolina, 1984;
B.A., Newberry College, 1982.

Campus Ministry

- TODD CUTTER, Campus Pastor, (2006);
B.A., Lenoir-Rhyne College, 1996;
M.A., Lenoir-Rhyne College, 2000;
M.Div., Lutheran Theological Southern Seminary, 2004.

ATHLETICS ADMINISTRATION

ANDREW V. CARTER, Vice President for Intercollegiate Athletics, (2002);

A.A., East Central College, 1984;

B.S., Missouri Baptist University, 1987;

M.B.A., Lindenwood University, 1990;

Doctoral Student, Regent University.

JESSICA DEWITT, Senior Woman Athletics Administrator/Assistant for Athletic Marketing and Development (2004);

B.S., Newberry College, 2002.

MATT DEWITT, Assistant Director of Athletics for Internal Operations, (2004);

B.S., Newberry College, 2002;

M.S., Troy University, 2004.

RYAN KAISER, Assistant Director of Athletics for Compliance and Student Services, (2005);

B.S., Oregon State University, 2002;

M.Ed., Defiance College, 2004.

SCOTT MCCAIN, Assistant Director of Athletics for Media Relations, (2004);

B.B.S., Ambassador Baptist College, 1993.

Baseball

BOB RIKEMAN, Head Baseball Coach, (2005);

B.S., Brandeis University, 1988;

M.S., University of Massachusetts - Amherst, 1990.

BRIAN BOESHKO, Assistant Baseball Coach, (2005);

B.S., Union College, 2004.

CHARLIE GOENS, Assistant Baseball Coach, (2005).

Basketball

SHAWN GOLDEN, Head Men's Basketball Coach, (2004);

B.S., University of Georgia, 1993.

TIM KAIN, Assistant Men's Basketball Coach, (2005);

B.S., Winthrop University, 2002;

M.S., Austin Peay State University, 2003.

JASON BRINK, Head Women's Basketball Coach, (2003);

B.S., Calvin College, 1995;

M.S., University of Utah, 1999.

JOHN LESAINE, Women's Basketball—Student Assistant, (2005).

Cross Country

REBEKAH DIXON, Head Men's & Women's Cross Country Coach, (2006);

B.S., Western Carolina, 2000;

M.S., Winthrop University, 2003.

Football

ZAK WILLIS, Head Football Coach, (2002);

B.A., Furman University, 1990;

M.A., Southwestern Seminary, 1991.

IKE ALLRED, Assistant Football Coach, Recruiting Coordinator, (2001);

B.S., Newberry College, 1998.

DARRYL DALEEN, Football—Student Assistant (2005).

STEPHEN FLYNN, Assistant Football Coach, (2003);

A.A., University of South Carolina-Lancaster, 1994.

- EDDIE JOHNSON, Assistant Football Coach, Director of Strength & Conditioning, (2005);
B.S., Georgetown College, 1993;
M.A., Marietta College, 1998.
- TODD KNIGHT, Assistant Football Coach, Defensive Coordinator, (2003);
B.S., Gardner-Webb University, 1989;
M.A., Gardner-Webb University, 1994.
- CASIMIR KOSCIOLEK, Assistant Football Coach, (2005);
B.S., Boston University, 1997.
- KEVIN TURCO, Assistant Football Coach, (2006);
B.A., Western New England College, 1998;
M.Ed., University of Saint Mary, 2003.

Golf

- JOHN T. D. "RUSTY" CASEY, Director of Golf Operations, (2005);
B.S., U.S. Military Academy, 1969;
M.A., University of Missouri, 1979;
Fellow, Harvard University, 1990
Ph.D., (HC), Campbell University, 2001.
- BRIAN MCCANTS, Assistant Men's Golf Coach, (2004);
B.S., Ferris State, 1994.
- ELIZABETH DARBY SLIGH, Head Women's Golf Coach, (2005);
B.S., University of Alabama, 2005.

Soccer

- JUAN PABLO FAVERO, Head Women's Soccer Coach, (2003);
B.A., Palm Beach Atlantic University, 1994;
M.S., Palm Beach Atlantic University, 1997.
- SAM OKPODU, Head Men's Soccer Coach, (2004);
B.A., North Carolina State University, 1987.

Softball

- JOE ELSTON, Head Softball Coach, (2004).
University of Kentucky, 1975.
- AMANDA BUDKA, Assistant Softball Coach, (2006);
B.A., Newberry College, 2005.

Tennis

- DAVID J. STANIFORD, Head Men's & Women's Tennis Coach, (2004);
B.S., University of Oregon, 1970;
M.S., University of Oregon, 1971;
Ed.D., University of Oregon, 1975.

Volleyball

- GYLTON B. DA MATTA, Head Volleyball Coach, (2005);
Assistant Professor of Physical Education (2005);
B.S., Federal University of Minas Gerais, Belo Horizonte, Brazil, 1986;
M.A., Appalachian State University, 1998;
Ph.D., University of South Carolina, 2004.

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).

Cheerleading

JESSICA DEWITT, Head Cheerleading Coach, (2004);
B.S., Newberry College, 2002.

Athletic Trainers

KYLE MCDOWELL, Head Athletic Trainer (2003);
B.S., Troy University, 1998;
M.S., Mississippi State University, 1999.

JEFF BODENHAMER, Assistant Athletic Trainer (2000);
B.S., Greensboro College, 1998.

INDIAN CLUB, ATHLETICS BOOSTER ORGANIZATION

CLYDE WRENN, Executive Director of the Indian Club (2005);
B.A., N.C. State University, 1965;
M.Ed., Western Carolina University, 1969.

GEORGIA KOZLAREK, Executive Associate Director of the Indian Club (2005);
B.S., College of Charleston, 2000.

SHARON HAWKINS, Administrative Assistant to the Indian Club, (2006).

CONTRACT SERVICES

Campus Security

(Strategic Security Services)

CRAIG NEWTON, Director of Security (2003).

RUBY DAVIS, Chief of Campus Security (2004).

Newberry College Book Store

(Sodexo Services, Inc.)

SHERYL ETHRIDGE, Campus Manager (1989).

Food Service

(Sodexo Services, Inc.)

STEVE THURSTON, General Manager (2000);
B.S., Boise State University, 1972.

BRETT MATHERS, Chef Manager (2006);
A.O.S., Culinary Institute of America, 2006.

MILITARY SCIENCE (Army ROTC) INSTRUCTORS

LTC WALT PJETRAJ, Professor Military Science.

MAJ KERRI CLAPPER, Military Science Instructor.

MAJ NEIL ANDERSON, Military Science Instructor.

CPT BRIAN CARLIN, Military Science Instructor.

MSG DAVID WINDER, 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, Associate Professor of Physical Education (1990);
B.A., Newberry College, 1987;
M.S., Western Kentucky University, 1988;
Ph.D., Touro University International, 2006.

MIKE RANDAL BEGGS, Assistant Professor of Religion, (2002);
B.A., 1982; BSE, 1983, Abilene Christian University;
B.S.Ed.; M.Div., Yale University, 1990;
Ph.D., University of Notre Dame, 1999.

C. BRUCE BRADLEY, Assistant Professor of Chemistry (2006);
Director of Laboratories
B.S., Appalachian State University, 1977;
Ph.D., University of South Carolina, 1981.

DALE K. 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.

SALLY CHERRINGTON BEGGS, Associate Professor of Music, (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, Assistant Professor of Spanish (2002);
B.A., University of Toledo, 1985;
M.A., Miami University of Ohio, 1987;
Ph.D., University of Kentucky, 1993.

GYLTON DAMATTA, Assistant Professor of Physical Education (2005);
Licenciature, Federal University of Minas Gerais, Brazil, 1986;
M.A., Appalachian State University, 1998;
Ph.D., University of South Carolina, 2004.

REBEKAH DIXON, Instructor of Physical Education (2004);
B.S., Western Carolina University, 2000;
M.S., Winthrop University, 2003.

INGE D. DUBE, Associate Professor of Foreign Languages (German) (1995);
B.A., DePaul University, 1980; M.A., 1981;
Ph.D., Northwestern University, 1986.
(Dr. Dube was a Part-Time faculty member 1988-1995.)

Newberry College ~1856-2006

TIMOTHY ELSTON, Assistant Professor of History (2004);
B.A., Abilene Christian University, 1989;
B.A., Western Oregon University, 1997;
M.A., University of Nebraska-Lincoln, 1999;
Ph.D., University of Nebraska, 2004.

KATHLYN A. FRITZ, Professor of Sociology (1990);
A.B., Lenoir-Rhyne College, 1968;
M.Phil., Yale University, 1971;
Ph.D., Yale University, 1975.
(Dr. Fritz was a Part-time faculty member 1989-1990.)

MATTHEW FULLER, Assistant Professor of Theatre (2005);
B.A., Wake Forest University, 2001;
M.F.A. Design, University of North Carolina at Greensboro, 2005.

PATRICK GAGLIANO, Professor of Theatre/Speech (1994, 2005);
B.A., University of South Florida, 1984;
M.F.A., Florida State University, 1991.

SARA E. HARRIS, Associate Professor of Foreign Languages (French) (1986);
B.A., Western Kentucky University, 1965;
M.A., University of Kentucky, 1967;
Ph.D., University of Kentucky, 1976.

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.

CHARLES N. HORN, Professor of Biology (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;
B.A., Winthrop University, 1988,
M.Ed., Winthrop University, 1990,
Ed.S., University of South Carolina, 1996,
Ph.D., University of South Carolina, 1999.

MELISSA JOHNSON, Assistant Professor of English, (2003);
B.A., College of Charleston, 1989;
M.F.A., University of South Carolina, 1996;
Ph.D., University of South Carolina, 2002.

WAYNE C. KANNADAY, Associate Professor of Religion, (1999);
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.

Newberry College ~1856-2006

- LAUREL LARSEN, Visiting Assistant Professor of Music (2005);
B.M., Oberlin College, 1995;
M.M., Rice University, 1997;
D. M.A. candidate University of South Carolina;
(Ms. Larsen was a Part-Time Instructor in 2004-05.)
- 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.
- MARSHALL W. MADDY, Assistant Professor of Communications, (1992, 2004);
B.A., Iowa State University, 1983;
M.A., Drake University, 1991.
- NORMAN E. MASTERS, Professor of Business Administration, (1977);
B.S., B.A., East Carolina University, 1970;
M.C., University of Richmond, 1973;
College for Financial Planning, 1987;
Ph.D., University of South Carolina, 1993.
- CHRISTINA MCCARTHA, Assistant Professor of Chemistry (2003);
B.S., University of South Carolina, 1984;
Ph.D., Chemistry, Emory University, 1992.
(Dr. McCartha served as a Part-Time professor, Fall Semester, 2002.)
- BARRY MCGINNIS, Assistant Professor of Music (2002);
B.S., Towson State, 1991;
M.M., East Carolina, 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.
(Mr. McMurtry served as an Part-Time professor, Spring Semester, 2002.)
- CATHY MITCHELL, Assistant Professor of Education (2005);
B.A., Newberry College, 1970;
M. Ed., University of South Carolina, 1973;
Masters + 18, University of South Carolina, 1979.
- WARREN S. MOORE, III, Assistant Professor of English (2003);
B.A., Excelsior College, 1987;
M.A., University of Kentucky, 1992;
Ph.D., Ball State University, 2002.
- BRUCE NELLSMITH, Associate Professor of Art (1988), Division Chair (2002);
B.F.A., University of Georgia, 1981;
M.F.A., University of North Carolina, 1985.

Newberry College ~1856-2006

- CHUCK NEUFELD, Associate Professor of Music (2002);
B.A., Tabor College, 1984;
M.M., Southwestern Baptist Theological Seminary, 1988;
D.M.A., Arizona State University, 1999.
- SID PARRISH, Assistant Professor of Chemistry (2006);
B.S., Furman University, 1995;
Ph.D., University of Florida, 2001.
- JODIE PEELER, Assistant Professor of Communications (2001);
B.S., Lander University, 1995;
M.A., 1998 and Ph.D., 2001, University of South Carolina.
- PAULA RIDDLE, Assistant Professor of Art (2005);
B.A., Lander University, 1986;
M.A.T., University of South Carolina, 1988.
- MARCIA RINGER, Assistant Professor of Mathematics (2002);
B.A., Winthrop College, 1969;
M.A.T., University of South Carolina, 1974.
(Ms. Ringer served as an Part-Time professor 1999-2002.)
- 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.
- JOSEPH SCHAUB, Assistant Professor of English (2002);
B.S., University of Alabama, 1988;
M.A., University of Mississippi, 1993;
Ph.D., University of South Carolina, 2001.
- MARILYN MAREK SCHROER, Assistant Professor of Psychology (1999, 2002);
B.A., Graceland College, 1978;
M.S., 1981, and Ph.D., 1985, Texas A&M University.
(Dr. Schroer was a Part-Time professor in 1992, 1997-1999.)
- 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.
(Dr. Schweizer was a Part-Time professor Spring Semester, 2003.)
- JESSE L. SCOTT, Professor of History (1985);
B.A., Clemson University, 1979;
M.A., Clemson University, 1981;
Ph.D., University of South Carolina, 1985.
(Dr. Scott was a Part-Time faculty member, Fall Semester, 1985.)

- GERALD SEALS, Visiting Assistant Professor of Business Administration (2005);
B.A., University of South Carolina, 1975;
M.A., University of Denver, 1976.
- CAMILLE GRADY SHERROD, Assistant Professor
and Director of Veterinary Technology (2005);
B.A., UNC-Chapel Hill, 1988;
DVM, NCSU College of Veterinary Medicine, 2000.
- TANIA SOSIAK, Assistant Professor of Graphic Design (2003);
B.F.A., Syracuse University, 1988;
Masters Program, 1993;
M.I.D., North Carolina State University, 1996.
- RENEE C. STUBBS, Assistant Professor of Education (2006)
B.S., Newberry College, 1977;
M.Ed., University of South Carolina.
- VICTOR E. TERRANA, Professor of Mathematics (1995);
B.S., 1967; Ph.D., 1979, Illinois Institute of Technology.
- T. OTIS WALKER, Associate Professor of Mathematics/Physics (1983);
Chair of Mathematics, Physics, and Computer Science Department, (2003);
B.S., Furman University, 1972;
M.S., Clemson University, 1975;
Ph.D., Clemson University, 1978.
- VINETTA GOODWIN WITT, Professor of Sociology (1999);
B.A., South Carolina State University, 1976;
M.A., Clark-Atlanta University, 1977;
Ph.D., University of South Carolina, 1999.

PART-TIME FACULTY

Part-Time Faculty members are part-time employees of the College or Staff who teach nine semester hours or less.

- GIL ANDERSON, Instructor of Biology (2001);
B.S., William and Mary, 1971;
M.A., Duke University, 1974;
Graduate studies, University of South Carolina.
- K. DOUGLAS COOK, Instructor of Theatre and Speech Communication (2002);
B.A., California State University, Northridge, 1976;
Consultant for The Buckley School of Public Speaking.
- 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.
- RICHARD FLINT, Instructor of Geography (2006);
B.A., University of South Carolina, 2001;
M.A.T., University of South Carolina, 2002.
- KEVIN FLOWERS, Instructor of Music, (2004);
B.M., University of South Carolina, 1995.

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- 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.
- JEANETTE HARMON, Instructor of Mathematics (1990, 2003);
B.A., Newberry College, 1969;
M.A.T., University of South Carolina, 1972.
- DIANE HIRSCH, Instructor of English (2003);
B.A., University of Cincinnati, 1983;
Ph.D., Union Institute & University, 2003.
- JOHN LANE, Instructor of Music (2006);
B.M., University of South Carolina, 1995;
M.Div., Harvard University, 1998;
D.M.A., University of South Carolina, 2000.
- JENS LARSEN, Instructor of Music (2005);
B.M., Old Dominion University, 1996;
M.M., Rice University, 1998.
- JANET LONG, Instructor of Music (1995);
B.M.E., Montana State University, 1975;
M.Ed., Montana State University, 1989.
- JAMES R. MURRAY, Instructor of Communications (2004);
B.A., Newberry College, 1991;
M.A., University of South Carolina, 1999;
M.Ed., University of South Carolina, 2003.
- GRETCHEN O'SHIELDS, Instructor of Physical Education;
B.S., Newberry College, 2003;
M.A., Tennessee Technological University, 2004.
- REBECCA PUGH, Assistant Professor of Science (1998);
A.B., Columbia College of South Carolina, 1962;
M.S., University of Houston, 1969.
- KEITH RINGER, Assistant Professor of Political Science (1991);
B.A., Newberry College, 1984;
M.P.A., University of South Carolina, 1987.
- 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.
- PAUL DERRICK SMITH, JR., Instructor of Business Administration (2004);
B.S.B.A., University of South Carolina, 2000;
M.B.A., Webster University, 2004.
- JOHN VALERIO, Assistant Professor of Jazz Studies (2005);
B.A., Villanova University, 1969;
M.M., Campbell University, 1975 ;
D.M.A., Temple University, 1980.

STAFF/FACULTY

Full-Time staff members who teach nine semester hours or less.

- JOEL BOYTER, Director of Langford Communications Center, (2000, 2004);
B.S., Middle Tennessee State University, 1992;
M.M.A., University of South Carolina, 2005.
- SYLVIA J. MACFARLANE, Veterinary Technologist (1980, 1999);
B.A., 1989; B.S, 1999, Newberry College.
- LISA WESTBERRY WESSINGER, Veterinary Technologist (2004);
B.S., Newberry College, 2001.

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.
- 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.
- FRED V. LESTER, Professor Emeritus of Accounting (1962-1991)
A.B., Newberry College, 1942;
M.S.B.A., University of South Carolina, 1948;
D.S.C.,(Honorary), Newberry College, 2006.
- SANDRA P. LOGAN, Professor Emeritus of Business Administration
and Economics (1976-2002);
B.A., Drew University, 1962;
M.B.A., Columbia University;
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.

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- KEITH E. WAGNER, Professor Emeritus of History (1972-2006);
B.A., Thiel College, 1957;
M.A., 1959, Ph.D., 1969, Ohio State University.
- 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.

PRESIDENTS OF NEWBERRY COLLEGE

| | |
|--|----------------|
| The Rev. Dr. Theophilus Stork | 1859-1860 |
| The Rev. Dr. James Allen Brown | 1860-1861 |
| The Rev. Richard Garlington (Interim)..... | 1861 |
| The Rev. Dr. J. 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-present |

BOARD OF TRUSTEES

The Board of Trustees is the governing body of this College of the Evangelical Lutheran Church in America (ELCA). Bishops of the four ELCA synods related to the College (South Carolina, Southeastern, Florida-Bahamas, and Caribbean) are invited to attend meetings of the Board; one of the Bishops regularly serves as a Trustee. The Board may have no more than twenty-eight members, six of whom have their election ratified by one of three of the supporting synods of the ELCA. At least 50 percent of the Trustees shall be either members of congregations of the Evangelical Lutheran Church in America or graduates of Newberry College.

The President of the Newberry College Alumni Association Board of Managers and the Chairman of the Board of Directors of the Newberry College Foundation Board of Visitors serve as *ex-officio* members with full voting rights.

The President of the College and a representative of the Division of Higher Education and Schools, ELCA, serve as *ex-officio* non-voting members of the Board.

The Board also has three non-voting Advisory Members. They are the Chair of the Faculty Council, the President of the Newberry College Student Government Association, and the President of the Newberry College Indian Club.

Trustees, other than *ex-officio* members, are elected to three-year terms with no limit on the number of terms. Officers of the Board must be members of the Board; the Board's officers are elected annually.

The Board normally meets on campus two or three times each year in order to maintain first-hand contact with developments at the College and exercise its governance responsibilities.

Officers of the Board, 2006-07

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| William P. Walker | Chair |
| William Ashburn | Vice Chair |
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**Board Members Whose Elections Are Ratified
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Terms expire September 30 of year indicated.

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| William B. Dukes (2008) | Chapin, SC |
| L. Wayne Pearson (2007) | Mt. Pleasant, SC |

Southeastern Synod

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| Kirk P. Bridgers, M.Div. (2008) | Atlanta, GA |
| Robert F. Sims, M.Div. (2008) | Atlanta, GA. |

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Newberry College Foundation Board of Visitors

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ELCA Representative

Marilyn Olson Chicago, IL
Division for Higher Education and Schools, ELCA

Ex-Officio

Mitchell M. Zais, Ph.D. Newberry, SC
President of the College

Faculty Representatives to the Academic and Faculty Affairs Committee

Melissa Johnson, Ph.D., Assistant Professor of English (2008).
VACANT (2007).

Faculty Representatives to the Trusteeship/Honorary Degree Committee

Larry Ellis, Associate Professor of Library Science (2007).
Sally Cherrington, Associate Professor of Music (2008).
Gregory Cole, Assistant Professor of Spanish (2009).

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| James A. Gerding, D.C.S. | Gatlinburg, TN |
| A. Hart Kohn, Jr., L.L.D. | Columbia, SC |
| Dan B. Page | Chattanooga, TN |
| Otis L. Shealy, Ph.D. | Wilmington, DE |
| Gerald S. Troutman, D.D. | Atlanta, GA |
| John K. VanDuys, J.D. | Columbia, SC |
| John C. Yates, J.D. | Atlanta, GA |
| Royall A. Yount, D.D. | Hickory, NC |

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| | |
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| David A. Donges, M.Div.; Litt.D. | Columbia, SC |
| Bishop of the South Carolina Synod, ELCA | |
| Ronald B. Warren, M.Div., D.D. | Atlanta, GA |
| Bishop of the Southeastern Synod, ELCA | |
| Edward R. Benoway, M.Div., D.D. | Tampa, FL |
| Bishop of the Florida-Bahamas Synod, ELCA | |
| Margarita Martinez | San Juan, PR |
| Bishop of the Caribbean Synod, ELCA | |

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Address correspondence to:

NEWBERRY COLLEGE
2100 College Street:
Newberry, SC 29108

(803) 276-5010 (800) 345-4955
FAX: (803) 321-5526

www.newberry.edu

Newberry College
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