Mission
Schreiner University, a liberal arts institution affiliated by choice and covenant with the Presbyterian Church (USA), is committed to educating students holistically. Primarily undergraduate, the university offers a personalized, integrated education that prepares its students for meaningful work and purposeful lives in a changing global society.

Vision
Schreiner University will always hold student success as its first priority. The university will be known for its academic rigor; it will continue to be an institution of opportunity where students from a variety of backgrounds and experiences learn through educational programs equipping them to achieve, excel, and lead. The university aspires to serve as a standard to others in programs and practices.

Values
Schreiner University
• holds sacred the Christian convictions that each student is valuable and unique and that the university’s purpose is to enable every student to grow intellectually, physically and spiritually,
• values diversity of people and thought in a setting of open, civil discourse.
• embraces life-long learning and service to society as critical traits in a world whose community is global.
• believes that higher education is instrumental in developing thoughtful, productive, and ethical citizens,
• believes that the values that inform our relationships with our students should also inform our relationships with one another.

Goals
• Support, promote, and initiate curricular and co-curricular programs which instill a culture of demonstrable excellence within a diverse community of scholars.
• Foster internal conditions and relationships and expand external partnerships with professional, service, and church-related communities to further the university’s strategic vision.
• Develop and be effective stewards of Schreiner’s resources to achieve the educational mission of the university.
This catalog contains pertinent information concerning academic requirements, educational and social opportunities, financial and other regulations of Schreiner University for the academic year specified. The final responsibility for meeting University requirements and abiding by University regulations rests with the student and therefore the student should study and become familiar with the provisions.

EQUAL OPPORTUNITY AND TITLE IX POLICY

In accordance with applicable provisions of law, Schreiner University does not discriminate in admissions, educational programs, extra-curricular programs or employment against any individual on the basis of that individual’s race, color, sex, sexual orientation, religion, age, disability, veteran status or ethnic origin.

The mission statement of Schreiner University affirms the university’s long-standing commitment to serve a diverse community. Included in this commitment are ongoing efforts to make the learning resources of the university accessible to students with disabilities. In accordance with Section 504 of the Rehabilitation Act of 1973, Schreiner University provides academic adjustments/auxiliary aids for students with physical/medical, learning, and psychological disabilities.

It is the policy of this University that no student, faculty or staff member with AIDS or HIV antibodies shall be discriminated against in his/her relationship with the University. Persons with AIDS or HIV antibodies shall not be denied admission or employment based on the diagnosis of AIDS or HIV antibodies. Health Services shall provide a referral list of HIV testing and counseling resources. Persons with HIV infections are encouraged to inform the campus nurse to enable the University to provide them proper medical care, support, counseling and education. This information will be handled in a strictly confidential manner, consistent with the treatment of other medical disorders or illnesses.

The Drug-Free Schools and Communities Act of 1989, Section 22, requires that Schreiner University maintain a drug-free school and campus. In compliance with the Act, the University’s Drug-Free School and Campus Policy is: The unlawful manufacture, distribution, dispensing, possession, or the unlawful use of alcohol and/or a controlled substance is prohibited on the campus or any other property under the control of Schreiner University and at University sponsored events. Violation of this policy will necessitate appropriate disciplinary action against such an employee or student, up to and including termination or expulsion. Appropriate disciplinary action may also include, but is not limited to probation, and/or requiring such employee or student, at the individual’s expense, to participate satisfactorily in a drug assistance or rehabilitation program approved by the University.

GRIEVANCE PROCEDURE

The Schreiner University Board of Trustees affirms the right of each student to seek relief from conditions which the student believes to be unfair, inequitable, discriminatory, or a hindrance to effective academic progress. The grievance policy applies to all students but does not apply to situations concerning initiation or modification of Board policy and/or situations for which there is a separate internal appeal process (e.g., Judicial Board for safety and security violations, etc.).

GRIEVANCE DEFINITION

A grievance is an allegation by a student that there has been a violation, misinterpretation, misapplication, discriminatory application or unreasonable application of a University policy, procedure, rule or regulation regarding the student’s academic admission or progress. Student grievances shall contain a written statement of the complaint and a statement of what the student considers a sufficient remedy of the complaint.

POLICY

It is the policy of Schreiner University that students be assured the right to file legitimate grievances and to follow established formal procedures without censure of reprisal. All grievances should be filed in writing through the Vice President of Student Services or the Vice President of Academic Affairs.

A grievance must be brought to the Vice President of Student Services or the Vice President of Academic Affairs attention within five (5) working days of the action, which is the subject of complaint.

Complaints not satisfactorily resolved by the Vice President of Student Services or Vice President of Academic Affairs may be appealed in writing to the President of the University within five (5) working days of the date of the previous decision. The appeal must state why the previous decision is not acceptable. The President will render a written decision within 30 days. This decision will be sent to the student and the applicable Vice President and will be final and binding on all parties.

Inquiries concerning this policy may be referred to the Director of Human Resources, phone (830) 792-7375.

The University reserves the right to change, without notice but subject to policies stated elsewhere in this catalog, requirements and regulations as necessitated by faculty, administrative, and/or trustee action.
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CORRESPONDENCE AND OFFICE HOURS

Administrative offices are open Monday through Friday, 8:00 A.M. to 5:00 P.M.

Visitors are always welcome. Arrangements for visits should be made through the Office of Admission and Financial Aid (830) 792-7217.

Schreiner University personnel are pleased to answer inquiries. Our address is Schreiner University, 2100 Memorial Blvd., Kerrville, TX 78028, and our telephone numbers are (830) 896-5411 or (800) 343-4919.

Correspondence and/or phone calls may be directed as follows:

Admission, Visits, Interviews ...............Office of Admission and Financial Aid
Academic Matters .............................Vice President for Academic Affairs
Student Financial Aid and Loans ................Director of Financial Aid
Student Life, Residence Life, Counseling ....Vice President for Enrollment and Student Services
Gifts and Bequests .............................Vice President for Advancement and Public Affairs
Expenses .......................................Business Office
Campus Safety and Security ....................24-Hour Security (830) 739-1111

Additional department contact information may be found on our website www.schreiner.edu.
The University
ACADEMIC CALENDAR
2010-2011

SUMMER TERM 2010
June 1, Tuesday 
June 3, Thursday 
June 5, Saturday 
June 17, Thursday 
June 25-26, Fri.-Sat. 
June 26, Saturday 
July 8, Thursday 
July 8, Thursday 
July 9-10, Fri.-Sat. 

Undergraduate registration/Undergraduate classes begin 
Last day to add courses, change sections or 
drop a course without a grade 
Graduate registration/classes begin 
Last day to drop a course 
Mountaineer Days 1 
Graduate term ends 
Final examinations 
Undergraduate term ends 
Mountaineer Days 2

FALL TERM 2010
August 6, Friday 
August 17-19, Tues.-Thurs. 
August 20-24, Fri.-Tues. 
August 22, Sun., 9 a.m. 
August 23, Monday 
August 24, Tuesday 
August 25, Wednesday 
August 27, Fri., 1 p.m. 
August 28, Saturday 
August 31, Tuesday 
September 2, Thursday 
September 6, Monday 
September 17, Friday 
October 8, Friday 
October 8, Friday 
October 8, Friday 
October 11-12, Mon.-Tues. 
October 14, Thurs., 1 p.m. 
October 22-24, Fri.-Sat. 
October 28, Thurs., 1 p.m. 
November 1-19 
November 19, Friday 
December 4, Saturday 
December 8, Wednesday 
December 9, Thursday 
December 10, Friday 
December 10, Friday 
December 12, Saturday 
December 12, Sunday 
December 13-15, Mon.-Wed. 
December 15, Wednesday 

VN term ends 
Faculty in-service 
New undergraduate student orientation/registration 
Residence halls open for current students 
VN classes begin 
Late undergraduate registration 
Undergraduate classes begin 
Convocation 
Graduate orientation/registration/classes begin 
Last day to add courses and change sections 
Last day to drop a course without a grade 
Labor Day Holiday 
Fall senior thesis first draft due 
Fall senior thesis second draft due 
Spring senior thesis committee formed 
Application for admission to Teacher Education 

Fall Break 
Mid-term grades due 
Family Weekend 
Last day to drop a course 
Academic advising/registration 
Fall senior thesis final draft due 
Thanksgiving Holiday 
Graduate term ends 
Last day of classes 
Reading Day 
VN term ends/VN graduation 
Final examinations 
Graduate term ends 
Graduation Recognition Ceremony 
Final examinations 
Fall Term ends
SPRING TERM 2011

January 3, Monday  
January 11, Tuesday  
January 12, Wednesday  
January 15, Saturday  
January 17, Monday  
January 19, Wednesday  
January 21, Friday  
February 4, Friday  
February 25, Friday  
February 25, Friday  
February 25, Friday  
March 10, Thurs., 1 p.m.  
March 14-18, Mon.-Fri.  
March 31, Thurs., 1 p.m.  
April 15, Friday  
April 15-17, Fri.-Sun.  
April 21  
April 22-24, Fri.-Sun.  
April 21, Thursday  
April 25, Monday  
April 29, Friday  
April 30, Saturday  
May 2-5, Mon.-Thurs.  
May 7, Sat., 10:30 a.m.  
May 7, Sat., 1:30 p.m.  
May 7, Saturday  

VN classes begin  
New undergraduate student orientation/registration  
Undergraduate classes begin  
Graduate classes begin  
Martin Luther King Holiday  
Last day to add courses and change sections  
Last day to drop a course without a grade  
Spring senior thesis first draft due  
Application for admission to Teacher Education  
Application for admission to Student Teaching  
Spring senior thesis second draft due  
Fall senior thesis committee formed  
Mid-term grades due  
Spring Break  
Last day to drop a course  
Spring senior thesis final draft due  
Recall  
Academic advising/registration  
Easter Holiday  
VN term end/VN graduation  
VN classes begin  
Last day of classes  
Graduate term ends  
Final examinations  
Baccalaureate Service  
Commencement  
Spring Term ends
TENTATIVE
ACADEMIC CALENDAR
2011-2012

SUMMER 2011
Session I
May 16, Monday Undergraduate registration/classes begin
May 19, Thursday Last day to add courses, change sections
June 2, Thursday or drop a course with a grade
June 4, Saturday Last day to drop a course
June 23, Thursday Graduate registration/classes begin
June 23, Thursday Final examinations
June 25, Saturday Undergraduate term ends
June 25, Saturday Graduate term ends

Session II
June 27, Monday Undergraduate registration/classes begin
June 30, Thursday Last day to add courses, change sections
July 9, Saturday or drop a course without a grade
July 14, Thursday Graduate registration/classes begin
July 30, Saturday Last day to drop a course
August 4, Thursday Graduate term ends
August 4, Thursday Final examinations
August 25, Saturday Undergraduate term ends

FALL TERM 2011
August 5, Friday VN term ends
August 16-18, Tues.-Thurs. Faculty In-Service
August 19-23, Fri.-Tues. New student orientation/registration
August 22, Monday VN classes begin
August 23, Tuesday Late registration
August 24, Wednesday Classes begin
August 26, Friday Convocation
August 30, Tuesday Last day to add courses and change sections
September 1, Thursday Last day to drop a course without a grade
September 5, Monday Labor Day Holiday
September 16, Friday Fall senior thesis first draft due
October 7, Friday Fall senior thesis second draft due
October 7, Friday Spring senior thesis committee formed
October 10-11, Mon.-Tues. Application for admission to Teacher Education
October 13, Thurs., 1 p.m. Fall Break
October 27, Thurs., 1 p.m. Mid-term grades due
October 31-November 18 Last day to drop a course
November 18, Friday Academic advising/registration
November 23-27, Wed.-Sun. Fall senior thesis final draft due
Thanksgiving Holiday
December 9, Friday  
December 9, Friday  
December 12-14, Mon.-Wed.  
December 14, Wednesday  

SPRING TERM 2012

January 2, Monday  
January 17, Tuesday  
January 18, Wednesday  
January 24, Tuesday  
February 3, Friday  
February 24, Friday  
February 24, Friday  
February 24, Friday  
March 8, Thurs, 1 p.m.  
March 12-16, Mon.-Fri.  
March 29, Thursday  
April 2-20  
April 6-8, Fri.-Sun.  
April 13, Friday  
April 20, Friday  
May 7-10, Mon.-Thurs.  
May 12, Sat., 10:30 a.m.  
May 12, Sat., 1:30 p.m.  
May 12, Saturday  

VN term end/VN graduation  
Final examinations  
Final examinations  
Undergraduate term ends  

VN classes begin  
New undergraduate student orientation/registration  
Undergraduate classes begin  
Last day to add courses and change sections  
Last day to drop a course without a grade  
Spring senior thesis first draft due  
Application for admission to Teacher Education  
Application for admission to Student Teaching  
Spring senior thesis second draft due  
Fall senior thesis committee formed  
Mid-term grades due  
Spring Break  
Last day to drop a course  
Academic advising/registration  
Easter Holiday  
Spring senior thesis final draft due  
VN term end/VN graduation  
Final examinations  
Baccalaureate Service  
Commencement  
Undergraduate term ends
INTRODUCTION TO SCHREINER UNIVERSITY

SCHREINER UNIVERSITY is a Texas non-profit corporation and is independently governed. A co-educational institution, Schreiner University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; (404) 679-4501; www.sacscoc.org) to award masters, baccalaureate and associate degrees. The University also holds accreditation by the Texas Board of Nursing and is approved by the Educator Certification and Standards Division of the Texas Education Agency (TEA) teacher certification programs. Documents pertaining to accreditation may be reviewed in the Office of the Vice President for Academic Affairs during normal office hours.

The University holds membership in the following organizations: the American Association for Higher Education, The American Council on Education, the Association of Presbyterian Colleges and Universities, the National Association of Independent Colleges and Universities, the Association of Texas Colleges and Universities, and the Independent Colleges and Universities of Texas.

Mission
Schreiner University, a liberal arts institution affiliated by choice and covenant with the Presbyterian Church (USA), is committed to educating students holistically. Primarily undergraduate, the university offers a personalized, integrated education that prepares its students for meaningful work and purposeful lives in a changing global society.

Vision
Schreiner University will always hold student success as its first priority. The university will be known for its academic rigor; it will continue to be an institution of opportunity where students from a variety of backgrounds and experiences learn through educational programs equipping them to achieve, excel, and lead. The university aspires to serve as a standard to others in programs and practices.

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• holds sacred the Christian convictions that each student is valuable and unique and that the university’s purpose is to enable every student to grow intellectually, physically and spiritually.
• values diversity of people and thought in a setting of open, civil discourse.
• embraces life-long learning and service to society as critical traits in a world whose community is global.
• believes that higher education is instrumental in developing thoughtful, productive, and ethical citizens.
• believes that the values that inform our relationships with our students should also inform our relationships with one another.

Goals
• Support, promote, and initiate curricular and co-curricular programs which instill a culture of demonstrable excellence within a diverse community of scholars.
• Foster internal conditions and relationships and expand external partnerships with professional, service, and church-related communities to further the university’s strategic vision.
• Develop and be effective stewards of Schreiner’s resources to achieve the educational mission of the university.

**CORE GOALS AND STRATEGIC EMPHASES**

**LEARNING:** Support, promote, and initiate curricular and co-curricular programs which instill a culture of demonstrable excellence within a diverse community of scholars.

• Raise the profile of the university’s academic programs among current and prospective students, the higher education community, and supporters of the institution.

• Achieve demonstrable learning growth and preparation for life with students from diverse circumstances.

• Further develop an engaging and diverse campus life, with a residential base, offering opportunities for learning and leadership through involvement, service, personal development and spiritual growth.

**COMMUNITIES:** Foster internal conditions and relationships and expand external partnership with professional, service, and church-related communities to further the university’s strategic vision.

• Recruit and retain a robust student population of at least 1200.

• Offer compensation and employment conditions that attract and retain quality faculty and staff, diverse and united in support of our mission.

• Establish and implement a plan for effective and creative use of technology in all phases of the university’s work.

• Serve as a primary intellectual, cultural and economic force within the community and region.

**FINANCES:** Develop and be effective stewards of Schreiner’s resources to achieve the educational mission of the university.

• Achieve best practices in financial management of the institution.

• Enhance current and develop new revenue sources to create a margin for excellence.

• Accomplish the revised facilities master plan for an institution of 1200-1300.

And in all of these efforts, continue to earn the identity “Learning by Heart.”

Schreiner University strives:

To provide baccalaureate programs based in liberal knowledge from the humanities, the natural sciences, and the social sciences.

To provide support for students to develop self-esteem, high ethical standards, and social responsibility.

To maintain a college community reflecting values of the Christian tradition.

To be a responsible academic resource for higher education to the national and international communities.

To contribute responsibly to meeting the educational needs of the Texas Hill Country community.
**The Schreiner Promise**

Schreiner University is committed to the advancement of learning and service to society. This is best accomplished in an atmosphere of mutual respect, concern for others, and academic integrity. By choosing to join this community, I accept the obligation to live by these common values and commit myself to the following principles:

**As a Member of the Schreiner Community:**

- I will commit myself to the pursuit of knowledge with personal integrity and academic honesty,
- I will support a culture of diversity by respecting the rights of those who differ from myself,
- I will contribute to the development of a caring community where compassion for others and freedom of thought and expression are valued,
- I will honor, challenge and contribute to the scholarly heritage left by those who preceded me and work to leave this a better place for those who follow,
- I will enter with hope and leave with achievement.

By endorsing these common principles,

- I accept a moral obligation to behave in ways that contribute positively to our campus environment and resolve to support this behavior in others. This commitment is my promise to Schreiner University and its community of scholars.

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**A COVENANT BETWEEN SCHREINER UNIVERSITY AND THE SYNODE OF THE SUN**

A Covenant is a traditional agreement made and honored by people of faith, affirming a shared purpose. It affirms mutual trust and concern, in the expectation that each party will remain steadfast in support of these common beliefs, values, and goals.

Schreiner University embodies the conviction that God is glorified in a humanity that is fully alive. We affirm the whole of life as the appropriate subject matter of learning. In company with over sixty Presbyterian-related colleges and universities in America, Schreiner conceives its educational purpose to be an expression of the commitment to love God with all our mind.

Founded in 1923 as Schreiner Institute through the united efforts of Capt. Charles Schreiner and the Presbyterian Church, the University has remained affiliated by choice and by covenant with the Presbyterian Church (U.S.A.) even as its educational role has changed over time. Schreiner University is now a small, primarily residential liberal arts University that carries out its educational purpose in the conviction that the pursuit of knowledge is integral to the Christian mission of worship and service. The pursuit is undertaken in the context of thoughtful interactions among a diverse community of faculty, staff and students, a process that empowers students to discover and assimilate knowledge in personalized learning experiences. Schreiner University is committed to “learning by heart.”
Commitments of the Covenant Partners

This Covenant is between Synod of the Sun, Presbyterian Church (U.S.A.), and Schreiner University. It is a reaffirmation of our historical commitment to quality education that addresses the spiritual as well as intellectual needs of persons as they prepare to become caring citizens in a complex world. Both the Synod of the Sun and Schreiner University recognize this covenant as the official agreement describing our primary relationship.

By this Covenant:

1. Schreiner University affirms itself as integral to the mission of the Presbyterian Church (U.S.A.).

2. Schreiner University is committed to the student as a person; accordingly, the University will incorporate ethical character formation as an essential part of the educational experience, and will work with each student to achieve his or her educational potential, by nurturing their intellectual, spiritual, physical and social development.

3. Schreiner University will carry out its educational mission in freedom and integrity, confident as a community of learners that no truth is alien to the truth of God.

4. Schreiner University will offer programs of study in the liberal arts, professional fields and selected graduate disciplines as well as addressing the educational needs of the region.

5. Schreiner University seeks to affirm the values of inclusiveness and diversity in its faculty, staff, student body and trustees.

6. Schreiner University will foster, where feasible, programs that provide leadership for the church and will, when possible, make its facilities available to church-sponsored groups.

7. Schreiner University will provide visible evidence of this covenant relationship with the Synod of the Sun, Presbyterian Church (U.S.A.), including, but not limited to, the following:
   a. An ecumenical campus ministry program directed by a Presbyterian Church (U.S.A.) Campus Minister
   b. Consistent representation of campus ministry and church relations at all Board of Trustees meetings
   c. A director of church relations
   d. A director of church vocations
   e. The Presbyterian Heritage Grant program
   f. The Presbyterian Pan American School Agreement (PASA) program
   g. The study of religion and a religion major as components of a liberal arts education
   h. Encouraging students to be involved in regular worship, positive co-curricular life, and service to the community

By this Covenant:

1. The Synod of the Sun affirms Schreiner University as integral to the mission of the Presbyterian Church (U.S.A.).

2. The Synod encourages its congregations and members to pray for the students, faculty, staff and trustees of the University.
3. The Synod will interpret to its constituents the significant role of Schreiner University in the Church’s mission in higher education. The Synod will encourage its constituents to actively support student recruitment and the giving of regular and special benevolent gifts, grants, and bequests to Schreiner University.

4. The Synod will encourage presbyterian congregations to participate in Schreiner University’s Presbyterian Heritage Grant program and Pan American Schreiner Agreement, which benefit students attending the University. The Synod will also support Schreiner University through its annual budget.

5. The Synod will encourage Schreiner University to make regular reports at Synod meetings, through Synod publications and directly to presbyteries, congregations, and individual members within the Synod.

6. The Synod will encourage the use of the Schreiner University campus and resources for Synod and presbytery events.

7. The Synod will provide support for students and staff, whenever possible, to attend regional and national Presbyterian-related events.

Symbols of this Covenant:

The Synod entrusts to the Board of Trustees of Schreiner University the responsibility of acting in historical continuity with the expressed purpose of the founders and according to their bylaws.

A. The Board of Trustees of Schreiner University will provide that a majority of the board at any given time be members in good standing of the Presbyterian Church (U.S.A.).

B. A representative of the Synod will attend at least one regular stated meeting of the Schreiner University Board of Trustees each year and act as informational liaison between the University and the Synod.

C. At least annually, a Synod representative will meet with the director of church relations and/or campus minister to review and reflect upon the efficacy of the covenant.

D. The Synod will appoint a visiting team no less often than each five years and commission this team to visit Schreiner University to examine the covenant relationship, to evaluate the practice by both the University and the Synod of their covenant obligations and to make suggestions concerning the reformation of the covenant relationship.
SCHREINER IN BRIEF

Schreiner University was founded by Captain Charles Schreiner: pioneer, rancher, banker, merchant, philanthropist. On December 31, 1917, he placed in trust for the establishment of Schreiner Institute one hundred forty and one-fourth acres of land and two hundred fifty thousand dollars “to supply facilities for high grade instruction to boys and young men as a preparation for college and university course work.” The school was to be “owned, maintained, and controlled by the Synod of Texas of the Presbyterian Church of the United States.”

On December 27, 1921, trustees appointed by the Synod of Texas formally received the trust and took steps to erect the first unit of buildings—a classroom building, one dormitory and the president’s home. Under the leadership of James J. Delaney, a faculty was organized and, in September of 1923, the school opened its doors.

For a decade, Schreiner offered to boys and young men (only) a preparatory department and the first two years of college. In 1932, coed residents of the immediate Kerrville vicinity were enrolled as day students. In 1971, women were enrolled as boarding students.

Other change redefined Schreiner’s educational mission. From the beginning, instruction in military training was required for both high school and college students. In 1957, military training was made optional for college students; in 1969, it was discontinued. Two years later, it was also discontinued for high school students. In 1973, phase-out began for the preparatory department, the name of the school was changed to Schreiner College, and the curriculum was broadened to include career education and life-long learning opportunities. In 2001, the Board of Trustees changed the name to Schreiner University.

The transition took Schreiner in one decade from a military preparatory school for men to a fully coeducational, four-year, liberal arts college, which received accreditation as a baccalaureate degree-granting institution in 1984. Largely responsible for the school’s character and reputation, Dr. James J. Delaney served as president twenty-eight years from opening until his retirement in 1950. Genial and tolerant, Dr. Andrew Edington succeeded, serving as president twenty-one years, beautifying, modernizing, and enlarging campus facilities. Continuing a tradition of progressive change while holding to enduring values, Dr. Sam McDowell Junkin, Schreiner’s third president, served for twenty-five years until his retirement in 1996. Dr. J. Thompson Biggers served as the fourth president from 1996-2000. Dr. Junkin returned in 2000 to serve as Interim President. In 2001, Dr. Charles Timothy Summerlin was named the fifth President of Schreiner, and continues to maintain the strong connection to the Presbyterian Church while strengthening academic programs.

LOCATION

Approximately sixty miles northwest of San Antonio, Kerrville is the home of Schreiner University. A resort community nestled among the hills of south central Texas and along the Guadalupe River, its nearly 25,000 citizens enjoy generally dry weather, cool nights, and sunny days.

An easy walk from the center of town, the campus is on Texas Highway 27 south and is near Interstate 10. A blend of colonial Georgian and modern architecture, its buildings include five residence halls, two apartment complexes, a library, student activity center, welcome center, an auditorium, an athletic complex, an administration building, and four classroom buildings. Open and pleasing, the surroundings are quiet, the distractions few.
Admission
ADMISSION TO THE UNIVERSITY

Schreiner University admits qualified students without regard to race, sex, color, religion, age, disability, veteran status or national origin. Interested students are strongly encouraged to visit the campus and meet with an admission counselor. A visit may include a campus tour, observation of a class in session, and/or visits with a faculty member or other staff member.

Application for admission to the University should be addressed to the Office of Admission and Financial Aid, Schreiner University, 2100 Memorial Blvd., Kerrville, Texas 78028, www.schreiner.edu or www.applytexas.org. Questions regarding admission or financial aid should be referred to the Office of Admission and Financial Aid, 1-800-343-4919 or (830) 792-7217, or email questions to www.admissions@schreiner.edu or finaid@schreiner.edu.

Qualified students may be admitted at the beginning of the Fall, Spring or Summer terms. See the Academic Calendar for starting dates. Application deadlines:

<table>
<thead>
<tr>
<th>Term</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>May 1 priority; August 1 regular</td>
<td>December 1</td>
<td>May 1</td>
</tr>
</tbody>
</table>

Schreiner University admits students on a rolling admission basis. As soon as a file is complete, an admission decision is made after all documents are evaluated. Exceptions to rolling admission include the Learning Support Services program and the Vocational Nursing program (see the description of these programs for deadlines). It is the responsibility of each applicant to ensure that all required documents are received in the Office of Admission and Financial Aid in a timely manner. All records and transcripts become the property of the University and will not be returned to the student or forwarded to another site.

All students must have a health form and an immunization record on file in the Health Center. Health and accident insurance is mandatory for all residential students.

Schreiner University is a member of the National Association for College Admission Counseling (NACAC) and complies with NACAC’s Statement of Principles of Good Practice. Schreiner University is a member of the Servicemembers Opportunity Colleges (SOC) and participates in the Concurrent Admissions Program (ConAP).

FRESHMAN ADMISSION

Students are encouraged to begin the application process in the fall semester of their senior year. It is strongly recommended that students complete a college prep curriculum to fulfill graduation requirements for a high school diploma. In the state of Texas, the college prep curriculums recognized by the Texas Education Agency (TEA) are designated as either Recommended or Distinguished. Students who complete college courses while in high school (dual credit, co-enrollment, AP, etc.) are considered first-time freshman applicants.

The University actively attracts students who are considered a “fit” and capable of being academically successful at Schreiner. Evaluation of an applicant’s potential for success and fit include a review of standardized test scores (ACT or SAT), grade-point-average (GPA), and rank in graduating class. Students who graduate in the top 10% of their graduating class will be automatically admitted, regardless of ACT or SAT scores or GPA. An interview with an admission counselor is desirable. To apply, students must submit the following documents to the Office of Admission and Financial Aid:

1. A completed Application for Admission and $25 non-refundable application fee. Applications are available in the Office of Admission and Financial Aid or may be accessed
at:  www.schreiner.edu or www.applytexas.org. An essay or comprehensive personal statement is required.

2. An official high school transcript from an accredited high school showing cumulative grade-point-average and current rank in class. Tentative admission may be granted on sixth or seventh semester transcripts.

3. Official test scores (Schreiner University accepts either the ACT or SAT scores, taken within five years of applying for admission) directly from the testing company or recorded on the official high school transcript. Writing section scores are required for admission. Students who opt to take the SAT should have all scores sent to Schreiner (Schreiner does not participate in score choice.)

4. If dual credit or co-enrolled credit during high school, an official transcript from each college or university attended.

5. A final high school transcript showing date of graduation.

Freshman applicants who graduate from a non-accredited high school, a school that does not rank, a home-schooled program, or who earn a GED certificate instead of a high school diploma must, in addition to the above, interview with an admission counselor. A Certificate of Completion is not accepted in place of a high school diploma. Freshman applicants who graduate from any high school or who earn a GED five or more years prior to admission are not required to submit ACT or SAT scores. However, the applicant must interview with an admission counselor.

TRANSFER ADMISSION

Students who attempt course work at an accredited college or university after high school graduation are considered transfer students. At the time the student applies, an evaluation is completed of all attempted work elsewhere. Transfer credit is awarded if the transfer work is comparable to that offered at Schreiner. An interview with an admission counselor is desirable. To apply, students must submit the following documents to the Office of Admission and Financial Aid:

1. A completed Application for Admission and $25 non-refundable application fee. Applications are available in the Office of Admission and Financial Aid or may be accessed at: www.schreiner.edu or www.applytexas.org. An essay or comprehensive personal statement is required.

2. Applicants with less than 15 semester hours of transferable credit must submit the documents described above for freshman applicants (official high school transcript and ACT or SAT scores).

3. An official transcript of all course work attempted from all accredited colleges attended. Transfer students with a cumulative 2.0 GPA and eligible to re-enroll at the last school attended may be considered for admission.

FORMER STUDENTS

A former Schreiner student who has not been enrolled for two or more terms (fall/spring) must reapply for admission and submit the non-refundable $25 application fee to the Office of Admission and Financial Aid. If a student attended another college or university since last at Schreiner, the student must submit an official transcript of all course work attempted. A decision regarding readmission will be made after this information is received and evaluated.
A former Schreiner student who is voluntarily absent for only one term (fall/spring) and who has not attended another college or university during the interim does not need to reapply for admission. Instead, the student must reactivate his or her file with the Registrar’s Office.

ADMISSION OFFER AND COMMITMENT FEE

When a student accepts an offer of admission, the student is expected to pay an admission commitment fee to confirm a serious intent to enroll and to reserve classroom space. In keeping with NACAC’s principles, a student is responsible for only committing to one institution. While NACAC’s National Commitment Fee Deadline is May 1, students are encouraged to pay the $100 admission commitment fee as soon as possible after accepting Schreiner’s offer of admission. The date the Office of Admission and Financial Aid receives the commitment fee determines housing priority assignment for residential students. The commitment fee is non-refundable and is credited towards a student’s account at the time of registration.

SPECIAL ADMISSION CONSIDERATION

All applicants are individually reviewed and evaluated by an admission counselor and/or by the University Admission Committee before an admission decision is made. Applicants who are not admitted by the initial admission counselor review process and whose file is then forwarded to the Admission Committee should submit an essay to explain his or her educational goals. Freshmen with insufficient academic preparation may be admitted with special conditions regarding course load and performance. Traditional aged freshmen admitted by the Admission Committee will be admitted as provisional students and must agree to participate fully in the Program for Academic Success at Schreiner (PASS). Transfers with less than a cumulative 2.0 GPA and who are not in good academic standing may be considered for admission on academic probation. Any applicant who is denied admission to Schreiner has the right to appeal the denial by submitting additional information for the Admission Committee’s review.

INTERNATIONAL STUDENT ADMISSION

Candidates whose country of citizenship is other than the United States may be considered for admission. International applicants must submit completed applications at least 60 days prior to the date of expected enrollment. To apply, the following documents are needed:

1. A completed Application for Admission and $25 non-refundable application fee (U.S. dollars). Applications may be accessed at www.schreiner.edu or www.applytexas.org. An essay or comprehensive personal statement is required.

2. A certified official copy of high school and/or college/university transcripts with each course completed and grade earned. The official copies must be translated into English. International applicants may be required to submit a detailed evaluation of their foreign coursework. Reputable companies, such as Foreign Credentials Service of America (www.fcsa.biz), offer such services. The credentials evaluation service must send the evaluation report directly to Schreiner University.

3. Demonstrated English language proficiency (both oral and written) with a minimum TOEFL score of: 550 (paper version); 213 (computerized version); or 79 (Internet-based test). Satisfactory completion of ELS level 112 or other English language proficiency test may also satisfy this requirement. Students who successfully completed the Texas Intensive English Program (TIEP) advanced-level of 160 may submit those scores. Official test scores should be
sent to the Office of Admission and Financial Aid. Students from countries where English is the primary language may not be required to submit TOEFL scores.

4. Freshman must submit official ACT or SAT including writing sections test scores (taken within five years of applying for admission). Transfer applicants with less than 15 transferable credits also must submit ACT or SAT test scores.

5. A properly completed Certification of Finances form signed and certified by an appropriate bank official, indicating the amount (in U.S. dollars) of funds available for the student to attend college.

After the applicant is admitted, tuition for the first academic year (in U.S. funds), payable and on deposit to Schreiner University, must be received before the University Registrar may issue the Certification of Eligibility to Enroll form (I-20) to the student. Before scheduling an appointment with the Embassy to apply for the Student Visa, students are required to pay a SEVIS 1-901 processing fee (Student and Exchange Visitor Information System) in the amount of $100 directly to the U.S. Immigration and Customs Enforcement agency. More information may be obtained from these web sites: www.ice.gov/graphics/sevis/students or www.cpb.gov. Current information regarding tuition, fees, room and board, and other costs are posted on our web site at www.schreiner.edu. Before checking into a residence hall, a health form must be on file in the Health Center. This form must contain complete immunization information, including TB test results completed within the last year. Accident and health insurance is mandatory.

NON-DEGREE ADMISSION

Qualified students who do not wish to pursue a degree from Schreiner but who want to enroll in classes may be admitted as non-degree seeking students. Unless otherwise specified, non-degree students must meet regular admission requirements. Non-degree students are not eligible for financial aid. Applicants must submit a completed Non-Degree Application for Admission and non-refundable $25 application fee to the Office of Admission and Financial Aid by the established application deadlines.

Transient Student: A student enrolled at another institution may be admitted as a transient student in order to take courses and transfer credit back to that institution. A student must submit an official transcript or official letter of good standing from the institution where currently enrolled. The transcript or letter must state the student is eligible to re-enroll at that institution. Acceptance as a transient student is valid for only one term. To continue for another term, the student must reapply and submit an updated official transcript.

Special/Non-Degree Student: A student who wants to attend part-time and enroll in classes for enrichment purposes and for credit may be admitted as a special/non-degree student. A student must submit official transcripts from all schools attended. Acceptance as a special/non-degree student is valid for only one term, or as long as a student is enrolled in consecutive terms. If a student decides to pursue a degree from Schreiner, the student must submit a completed regular Application for Undergraduate Admission and $25 application fee to the Office of Admission and Financial Aid.

Special/Audit: A student who wants to attend part-time to audit classes (no credit awarded) may be admitted as a special/audit student. Transcripts are not required to audit a class. Acceptance as a special/audit student is valid for only one term or as long as a student is enrolled in consecutive terms on a space-available basis. (NOTE: Must reapply and pay $25 application fee if not enrolled in next term.) No grades are assigned. Any non-degree student who later decides to become degree-seeking must reapply and submit a regular Application for Admission to the Office of Admission and Financial Aid.
EARLY ADMISSION PROGRAMS

Exceptionally capable high school students may enroll in a limited number of credit hours of Schreiner prior to completing high school graduation requirements. Any student interested in co-enrollment or early enrollment must: rank in the upper quarter of the class; and have test scores of ACT 22 or SAT 1050 (critical reading and math scores). The maximum number of credit hours that a student may enroll in is 4 credit hours per semester (summer, fall or spring terms).

Co-enrollment: A high school senior who is enrolled at an area high school within commuting distance of Schreiner may apply to attend classes concurrently. Credit earned at Schreiner will be granted when proof of a high school graduation is received by the University Registrar (final high school transcript).

Early enrollment: A qualified student may apply for admission to Schreiner to attend the summer term between the junior and senior year. Credit earned at Schreiner will be granted when proof of high school graduation is received by the University Registrar (final high school transcript).

To apply, students must submit the following documents to the Office of Admission and Financial Aid:

1. A completed Application for Admission and $25 non-refundable application fee.
2. An official high school transcript to confirm that the student has achieved senior status and is in the top quarter of the class.
3. ACT or SAT test scores including writing sections.
4. Recommendation letter from the principal or guidance counselor. Letter should attest to the student’s character, activities, and competence to successfully complete college level course work in Schreiner.
5. Written approval from parent(s) for student to participate in the program.

GRADUATE ADMISSION

Schreiner University offers a Master of Education degree. Teacher and Principal Certification are available with additional work to the Master of Education degree. Candidates for the Teacher Certification program must complete a one-year internship on a probationary certificate as teacher of record or complete twelve weeks of student teaching. Admission requirements for graduate study at Schreiner University are designed so that the students admitted will have a high probability of success in the graduate-level academic work. Graduate study is much more than a mere continuation of undergraduate work and should be considered only by those students with the capacity for independent thought and investigation. There are additional admission requirements for students seeking principal certification.

Candidates to the Master of Education program must meet the following requirements:

1. Hold a Baccalaureate degree from an accredited college or university
2. Complete a graduate application form
3. Pay an application fee of $25.00
4. Send Official transcripts for all graduate and undergraduate work
5. Provide a recorded GRE score which was taken within the last five years
6. Have an combined verbal and quantitative score of 1000 on the GRE or Cumulative GPA of 3.0 on a 4.0 scale.
7. Have access to the Internet
8. Complete a formal interview
9. Submit three (3) letters of recommendation.
10. Individuals pursuing teacher certification must select content/specialization areas currently offered at Schreiner University.
   • Note: A maximum of 6 semester hours may be transferred.
   • Applicants not meeting the above requirements may be admitted on provisional status.

Candidates for the Principal Certificate program must meet the following requirements:
1. Hold a Masters degree from an accredited college or university
2. Complete a graduate application form
3. Pay an application fee of $25.00
4. Send Official transcripts for all graduate and undergraduate work
5. Provide a recorded GRE score which was taken within the last five years
6. Have a combined verbal and quantitative score of 1000 on the GRE or Cumulative GPA of 3.0 on a 4.0 scale
7. Hold a valid Texas Teacher Certificate and be currently employed as a Teacher of Record at a school.
8. Have verification of two years teaching experience in an accredited EC-12 school
9. Submit three letters of recommendation from current school administrators
10. Have access to the Internet
11. Complete a formal administrative interview.
   • Note: Transfer credit is not allowed in the Principal Program.

Application will not be processed until all required items have been received in the Schreiner Graduate Education office. Applicants will receive written notice of approval. Application deadlines:

<table>
<thead>
<tr>
<th>Master of Education</th>
<th>Principal Certification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>July 1</td>
</tr>
<tr>
<td>Spring</td>
<td>December 1</td>
</tr>
<tr>
<td>Summer</td>
<td>May 1</td>
</tr>
</tbody>
</table>

SPECIAL PROGRAMS ADMISSION

LEARNING SUPPORT SERVICES PROGRAM: The Learning Support Services Program at Schreiner University serves a limited number of students, who have been diagnosed as learning disabled, to help them succeed in the regular academic life of the university. Students selected for the program attend regular classes, are graded on the same standards and complete the same curriculum requirements as other degree seeking candidates. However, students participating in the program are provided with extensive tutorial assistance and offered individual testing. In addition, taped textbooks and computer assisted learning programs are made available. Admission to Schreiner University in the Learning Support Services program requires continued participation in that program until the student has demonstrated to the University’s satisfaction, likely success in college work without the Learning Support Services.

Students admitted to the Learning Support Services Program must be highly motivated, have the intellectual potential for success in a rigorous academic program, and have the ability to meet the demands of college life.

Applicants are considered individually and selected on the basis of their intellectual ability, motivation, academic preparation and potential for success in the program.

The following are required to complete the application process for the program.
1. A completed application with a non-refundable $25.00 application fee must be submitted to the Office of Admission and Financial Aid. These forms may be obtained from the Office of Admission and Financial Aid.

2. All freshmen and transfer candidates must submit an official high school transcript and transcripts of all academic work attempted at other colleges or universities attended.

3. ACT or SAT including writing sections scores—Results of the American College Test or the Scholastic Assessment Test of the College Board should be submitted. Scores from non-standard administration are acceptable. ACT and SAT scores are used for possible scholarships.

4. Wechsler Adult Intelligence Scale — Complete results of the WAIS-R or WAIS III must be submitted, including scaled scores and age-scaled scores for all subtests, as well as Verbal, Performance and Full-Scale IQ scores. Reports on the WAIS can be sent directly to the Director, Learning Support Services.

5. Individual Achievement Test—The results from an individually administered achievement battery, such as the Woodcock-Johnson or Wechsler Individual Achievement Test, taken within one year of application must be submitted. Individual test scores (not cluster scores) must be included for reading comprehension, reading decoding and math computation. These results should be sent directly to the Director, Learning Support Services.

6. Medical or psychological reports, which include the diagnosis of a specific learning disability or an Attention Deficit Disorder must be submitted. These may be sent directly to the Director, Learning Support Services.

7. Each candidate must have a personal interview with a staff member of the Learning Support Services Program and an admission representative. Interviews will not be scheduled until all documentation for items 1-6 above has been received.

DEADLINE: All required documents must be received by April 1 preceding the Fall Term.

THE VOCATIONAL NURSING PROGRAM: Schreiner offers a one-year certificate in Vocational Nursing. A student seeking admission to the Vocational Nursing program should submit the following information to the Office of Admission and Financial Aid.

1. A completed Application for Admission into the Vocational Nursing Program and $25 non-refundable application fee.

2. A written essay which must include the following: explanation of desire to be a nurse; the steps that have taken to make sure the one-year commitment to the Vocational Nursing Program can be fulfilled; the academic record from high school and/or college; and where this education will lead over the next 10 years. Also include hobbies and volunteer work.

3. Official High School Transcript (with seal) or Official GED Scores (minimum score 50 Average Standard Score required).

4. Official College Transcripts (with seal) from all colleges attended. Students who have at least 15 semester hours of transferable, college-level credit with a 2.0 transfer GPA, including college math and English, may be exempt from a required pretest. The Admission Committee makes the exemption decision.

5. Two Reference Forms completed by a current or former employer or person (NOT A RELATIVE OR A FRIEND) who can give a character and performance evaluation.

6. Required assessment of Math and English. If college math and English have not been taken, the SAT, ACT, THEA (formally TASP), or ACCUPLACER may be submitted. Or, the A.D.C. entrance exam, which is administered on campus, may be taken instead. Before a student may take the A.D.C., however, his/her file must be complete with all the items above.

7. The Board of Nurse Examiners for Texas requires a criminal background check as part of the process to test for licensure as an LVN. A criminal background check must also be completed during the application process for admission into our Vocational Nursing Program.

8. Drug testing is required during the application process.
Upon successful submission of the above items, a personal interview will be scheduled with eligible applicants.

DEADLINE: The application process must be completed by December 15 preceding the May class, and by September 15 preceding the January class. Only 30 students may be admitted to each class.

**CREDIT BY EXAMINATION**

Academic credit for college level learning may be earned by taking an examination in the appropriate area. In most cases credit granted can be used to satisfy specific and general degree requirements. Credits are awarded after completion of 15 semester hours of resident study at Schreiner University. Since a letter grade is not assigned to such credit, it is not counted toward the grade point average. Details of the credit by examination program and acceptable scores may be obtained from the office of the Registrar. Application for credit by examination must be made, in writing, to the Registrar.

Schreiner grants credit through the following programs:

1. College Board, Advanced Placement (AP)
2. College Board, College Level Examination Program (CLEP) Subject Examinations
4. Locally Constructed Departmental Examinations
5. International Baccalaureate (IB)
Financial Information
COSTS

TUITION

Students registered for at least 12, but not more than 18 credit hours, are considered full time and will be charged the following comprehensive tuition fees:

- Summer Term per credit hour charge: $450
- Fall or Spring Term: $9,474

Students enrolled in the Summer Term or taking 11 credit hours or less during Fall and Spring terms will be charged for each credit hour. Full-time students taking more than 18 credit hours during either the Fall or Spring Terms will be charged the per credit hour in excess of 18.

- Per credit hour charge, Fall or Spring: $809
- Vocational Nursing Program (47 credit hour Program): $8,716
- Graduate per credit hour charge: $450

Audit: Tuition charges for audited courses will be one-half regular tuition rates. Financial aid is not available for audited courses. Other required fees will be at regular rates.

- Senior audit (55 years & older) per credit hour charge: $25
- Co-enrolled per credit hour charge: $125
- Challenge per credit hour charge: 1/6 of the regular tuition charge

FEES

ROOM CHARGES

Central campus residential facilities charges are:

- Delaney Residence Hall—double (per semester): $2,005
- Delaney Residence Hall—single (per semester): $2,450
- Faulkner Hall—double (per semester): $2,625
- Faulkner Hall—single (per semester): $3,500
- Flato & LA Residence Hall—double (per semester): $2,280
- Flato & LA Residence Hall—single (per semester): $2,810
- Trull Residence Hall—double (per semester): $2,300
- Trull Residence Hall—single (per semester): $2,850

Pecan Grove residential complex charges are:

- Fall or Spring term—single efficiency (per semester): $3,800
- Fall or Spring term—double efficiency (per semester): $2,400
- Fall or Spring term—2 bedroom / 2 bath (per semester): $3,030
- Fall or Spring term—4 bedroom / 2 bath (per semester): $2,525

The Oaks residential complex: (per semester): $2,815

DINING CHARGES

- Fall or Spring term—Platinum (19) meal plan + $50 Munch Money credits: $1,912
- Fall or Spring term—Flex 180 meal plan + $50 Munch Money credits: $1,912
- Fall or Spring term—Gold (15) meal plan + $50 Munch Money credits: $1,568
Fall or Spring term—Silver (11) meal plan + $50 Munch Money credits .................$1,157
Fall or Spring term—Flex 80 meal plan—No Munch Money ..........................$785
Declining balance plan
  Munch Money credits (per semester) .....................................................$300
Applicable sales tax will be added to dining charges.

OTHER FEES

Application fee .................................................................$25
Diploma fee .................................................................$50
Late Payment fee (per month) ..................................................$30
Orientation fee (entering students)
  Freshman .................................................................$75
  Transfer/non-traditional ..................................................$25
Schedule change (each) ..........................................................$5
Transcript (each) ..............................................................$5
Test Proctoring fee ..............................................................$10
Return Check fee (each) .......................................................$45
Vocational Nursing Pin ..........................................................$30
Learning Support Services
  Fall or Spring — First Year (per semester) .................................$3,350
  Fall or Spring — Subsequent Years (per semester) .........................$2,450
Student Activity Fee
  Fall or Spring term, full-time .............................................$150
  Fall or Spring term, part-time .............................................$40
Technology Fee
  Fall or Spring term, full-time .............................................$150
  Fall or Spring term, part-time .............................................$75
  Vocational Nursing (per semester) .........................................$150
Music Lab Fee
  Per 1/2 hour lesson (except MUSC 1104 - $200) .........................$180
  Per 1 hour lesson (except MUSC 3104 - $400) ..............................$360
Art Studio Supplies and Science Lab Fee .................................$25

Schreiner University tuition and fees are subject to change for the 2010-2011 academic year.

COMMITMENT FEE

A Commitment Fee is assessed to all new students:

  Undergraduate (Resident & Commuter) ........................................$100
  Graduate ..............................................................................$100

These fees are nonrefundable. No housing applications will be processed until the Commitment Fee is on file in the Business Office.

DAMAGE DEPOSIT

  Resident ...........................................................................$100

A damage deposit is used to satisfy charges for loss or damage (including unusual cleaning costs) to any University property for which the student is responsible. In the event of such charges, the student must restore the deposit before June 15 of each year. Deposits will be applied to any outstanding balance after the student has completed the official withdrawal
process from the University. Deposits less any damage charges will be refunded upon written request from the student within 60 days of the last date of enrollment. Forfeited damage deposits will become the property of Schreiner University.

HEALTH INSURANCE
Health and Accident Insurance is mandatory for all residential and international students. For those individuals who have health insurance, a photocopy of the insurance card is required. Students will be billed for the health insurance plan on their student account, unless proof is provided by the deadline. No refunds will be given after that time.

PAYMENT

PAYMENT IN FULL
Pay all tuition, fees, and other charges at registration. Students who pay in full by July 1st for the Fall semester or November 1st for the Spring semester will receive a 2% reduction in the cost of tuition, room and board, less gift aid.

PAYMENT PLANS

The Interest-Free Monthly Payment Plan
The Schreiner University Interest-Free Monthly Payment Plan administered by Tuition Management Systems is recommended to help you budget for the payment of your educational expenses and limit your debt.

The plan allows you to spread your annual balance out over 10 interest-free monthly payments per year or 5 or 4 payments per semester for a small enrollment fee, which includes Education Payment Life Insurance. The insurance benefit provides payment for the remaining balance in the event of the death of the bill payer.

Benefits of the Schreiner University Interest-Free Monthly Payment Plan include:

- No Interest associated with plan, helping limit your debt and maximize savings
- Toll-free top-rated telephone service during extended personal service hours at 1-800-722-4867
- Affordability Counseling with friendly and professional Education Payment Partners
- A wide variety of payment methods including personal checks, money orders, credit cards and automated payments from your checking or savings account
- 24-hour access to account information at www.afford.com

Payment Plan Enrollment for the Fall semester plans begin June 1st and Spring semester payment plan enrollment begins Nov. 1st.

We hope that you seriously consider the advantages of paying some or all of your balance interest-free. This strategy is the most effective means of limiting your debt. Feel free to contact Tuition Management Systems for Affordability Counseling at 1-800-722-4867 from 8 a.m. to 10 p.m. weekdays, and 9 a.m. to 3 p.m. on Saturdays.

Summer Term:
Tuition, fees and room charges for summer term are due prior to the first day of the term.

Credit Card Payment:
Schreiner University accepts Visa, MasterCard, and Discover for the payment of student charges.
CHECK ACCEPTANCE POLICY

All checks written to Schreiner University must be imprinted with name and address of the check writer (no temporary checks). Checks will be accepted if the following information is provided:

- Texas Drivers License or Military ID
- Current Home Address
- Home phone number
- Work phone number

FINANCIAL OBLIGATIONS

Students will not be permitted to attend classes or laboratories until all fees are paid or they have made satisfactory arrangements for the payment of fees. Students receiving scholarships and/or financial aid must have completed these financial arrangements prior to the first class day.

Students whose accounts are not current with the Business Office may be denied any or all University services.

Grades, transcripts and diplomas will be withheld for students owing any balance to the University. Finance charges of $30 per month will accrue on any past due balances. In addition, collection costs and attorney’s fees will be added to delinquent accounts.

In order for a student to leave the University in good standing, all bills must be paid.

Attorneys’/Collection Fees: If a student becomes delinquent on any part of his/her loan he/she will be subject to court costs, reasonable attorney fees, and any other fees associated with the cost of collections, in addition to the delinquent balance. Such fees can be charged if placed with an attorney for collections or a third party collection agency. The fees will be the sole responsibility of borrower or co-maker of loan.

REFUND POLICY

Schreiner University Institutional Refund Policy:

Although financial aid must be returned to federal programs as prescribed by federal regulations, the Schreiner University Tuition Refund Policy does not refund tuition at the same percentages.

Students will be required to pay Schreiner University for any balances owed after the tuition refund and financial aid refunds have been calculated.

Tuition, fees and room charges (excluding commitment fee) are refunded to students who are withdrawing from the University according to the following schedule:

<table>
<thead>
<tr>
<th>Fall / Spring</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before classes</td>
<td>100 percent</td>
</tr>
<tr>
<td>First week</td>
<td>100 percent</td>
</tr>
<tr>
<td>Second week</td>
<td>75 percent</td>
</tr>
<tr>
<td>Third week</td>
<td>50 percent</td>
</tr>
<tr>
<td>Fourth week</td>
<td>25 percent</td>
</tr>
<tr>
<td>After fourth week</td>
<td>0 percent</td>
</tr>
</tbody>
</table>
Summer

Before classes/first day of classes ...........................................100 percent
First week .................................................................50 percent
Second week ..........................................................25 percent
After second week ......................................................0 percent

Meal plan charges will be refunded on a per week basis throughout the semester. The unused portion of a declining balance meal plan will be refunded upon official withdrawal from the University.

Students who withdraw from the LSS program will be refunded a portion of the LSS fee based on the percent indicated above for Fall/Spring. There will be no refunds of LSS fees after the fourth week.

All Students: Students who change their enrollment status from full to part-time or from a higher to lower level of part-time will receive a refund consistent with the percentages listed above.

In order to OFFICIALLY withdraw from Schreiner University you must notify the Registrar’s Office IN WRITING before classes begin.

(See published calendar for dates of each term).

Students who fail to officially withdraw and who do not attend classes or who do not arrange for payment with the Business Office will be administratively withdrawn as of the last day to add a course. Students in this category will fall under the regular refund policy. Students who attend any classes will be responsible for payment unless they officially withdraw under University policy. In addition, students who are suspended, expelled or administratively withdrawn will fall under the regular refund policy.

The cost of books purchased for classes that are discontinued will be fully refunded upon presentation of the book and receipt of purchase. New books must not be marked or defaced in any manner.

Immediate refunds are not issued at the time of official withdrawal, change in status, or at the end of a semester or session. Payment covering all refunds due will be mailed to the address left with the Business Office within 90 days after official withdrawal or completion of a semester session.
FINANCIAL AID

APPLYING FOR FINANCIAL AID

To be eligible for need based and some non-need based financial aid, students must complete the Free Application for Federal Student Aid (FAFSA). The FAFSA is available in the Office of Admission and Financial Aid or can be completed on the WEB at www.fafsa.ed.gov. Students must comply with all requests for documentation from the Office of Admission and Financial Aid.

Priority deadline date for filing for financial aid is April 15th each year. Students need to file the FAFSA by April 15th each year to be considered for the maximum of money as funds are limited and awarded on a first-come, first-serve basis.

ELIGIBILITY FOR FINANCIAL AID

Financial aid is awarded from federal, state and institutional sources. Some awards are based on financial need while others are not. Eligibility for need based aid is determined by taking the Cost of Attendance less the Expected Family Contribution (EFC).

Cost of Attendance includes actual tuition and fees, actual room and board costs for students living on campus and allowances for books, travel and miscellaneous personal expenses. For students that live off campus, a reasonable allowance is given for room and board.

Cost of Attendance for the Academic Year
Full-Time Residential Undergraduate

<table>
<thead>
<tr>
<th>Direct Costs:</th>
<th>Indirect Costs:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>Books &amp; Supplies</td>
</tr>
<tr>
<td>Fees</td>
<td>Transportation</td>
</tr>
<tr>
<td>Room1</td>
<td>Miscellaneous</td>
</tr>
<tr>
<td>Board2</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>Total</td>
</tr>
</tbody>
</table>

|            |                      |
| Tuition    | $18,947              |
| Fees       | $600                 |
| Room1      | $5,250               |
| Board2     | $4,140               |
| Total      | $28,937              |
| Books & Supplies | $1,200        |
| Transportation | $500              |
| Miscellaneous | $1,000           |
| Total       | $2,700               |

1 Double Occupancy Residence Hall
2 19 meal plan / 8.25% sales tax not included

EFC is determined by federal methodology as applied to the data that was reported on the FAFSA. This is the minimum amount that the government expects families to be able to contribute to the student’s education. Some forms of non-need based aid can replace the EFC.

Students must maintain satisfactory academic progress to be eligible for all types of financial aid.

AWARDING OF FINANCIAL AID

Once a student’s financial aid application has been received and all requested documentation has been submitted to the Office of Admission and Financial Aid, the application will be reviewed and financial aid awarded whenever possible.

Federal regulations require that institutional scholarships as well as outside scholarships be taken into consideration when determining need based financial aid before federal or state awards can be made.
For example, a student has a Cost of Attendance of $22,000 and an EFC of $3,000. The student has a maximum eligibility for need based financial aid of $19,000. If the student receives institutional scholarships of $6,000 and outside scholarships of $2,500, the most the student can be awarded in need based financial aid is $10,500. At this point, a student will be awarded federal, state and institutional need based financial aid. Scholarships and grants are awarded first, with work-study and loans following.

FINANCIAL AID PROGRAMS

A. FEDERAL PROGRAMS

1. Federal Pell Grant—This is an entitlement program. The EFC is applied to a Pell Payment Chart supplied by the U.S. Department of Education. Awards range from $400 - $4,310.

2. Federal Supplemental Educational Opportunity Grant (FSEOG)—Students must demonstrate high financial need. Awards range from $100 - $4,000.

3. Federal Work-Study—Students must demonstrate financial need. Awarded at $1,500 per academic year, this program provides part-time employment to students. Starting at minimum wage, students can choose from a variety of jobs both on and off campus. Some community service jobs are available. Students must contact Human Resources for job opportunities. All appropriate forms must be completed before a student can begin work.

4. Federal Family Education Loan Programs (FFELP)

a) Federal Stafford Loan—Comprised of two components, subsidized (need based) and unsubsidized (non-need based), this loan is awarded to students who show a need for financial aid after scholarships, grants and work-study have been awarded. Yearly loan limits apply as shown in the table below. The government pays the interest on Subsidized Stafford Loans for a student as long as the student remains enrolled at least half-time (6 credit hours a semester). Students are responsible for the interest on Unsubsidized loans while they are in school.

<table>
<thead>
<tr>
<th>Stafford Loan Limits*</th>
<th>Additional Unsubsidized (Independent Students or Eligible Dependent Students)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman</td>
<td>$3,500</td>
</tr>
<tr>
<td>Sophomore</td>
<td>$4,500</td>
</tr>
<tr>
<td>Junior</td>
<td>$5,500</td>
</tr>
<tr>
<td>Senior</td>
<td>$5,500</td>
</tr>
<tr>
<td>Graduate</td>
<td>$8,500</td>
</tr>
</tbody>
</table>

*These loan limits are for the combination of Subsidized and Unsubsidized Stafford Loans. A student that qualifies for less than the maximum amount of Subsidized Stafford Loan could receive the balance of his or her eligibility in the unsubsidized Stafford loan.

b) Federal Parent Loan for Undergraduate Students PLUS)—This loan can be awarded to parents of dependent undergraduate students. The maximum amount that can
be borrowed each year is limited to the Cost of Attendance less any other financial aid received.

c) Partnership with Parents Subsidized PLUS Loan Program—This loan is a PLUS loan with an interest subsidy. For those eligible, Schreiner will subsidize the interest for the first $15,000 principal borrowed each year for a maximum of 45 months from the first day of the student’s freshman year at Schreiner based on the fixed payment schedule available. The fixed payment schedule can help even out the monthly payments into equal installments while the student is in school.

For more details on these loan programs, please visit the Office of Admission and Financial Aid.

B. STATE PROGRAMS

State programs are available to residents of Texas only. These programs are administered through the Texas Higher Education Coordinating Board and are awarded based on financial need.

1. Tuition Equalization Grant (TEG)—This scholarship is awarded to students who demonstrate financial need, are in an undergraduate program of study and are enrolled at least half-time. Students may not major in theology or religion to be eligible for this scholarship. Each semester, students must sign a Student Affirmation Form supplied by the Coordinating Board agreeing to the conditions of this award.

2. Nursing Student Scholarship Program—Application for this scholarship must be made to the Texas Higher Education Coordinating Board. Students in the VN program are eligible. Amounts vary depending on funding.

3. Early High School Graduation Scholarship—Students that attended a public high school in Texas and who graduated within 36 consecutive months are eligible for a maximum of $2,000 from this program. Application must be made to the Texas Higher Education Coordinating Board.

4. Toward Excellence, Access, & Success (TEXAS) Grant Program—This scholarship is awarded to students who graduated from a public or accredited private high school no earlier than fall 1998 who completed the recommended or advanced high school curriculum or its equivalent and have received the award before. Students must be enrolled at least three quarter time (9 credit hours) and demonstrate financial need to be eligible for this grant. Funds are limited. Inquiries on this scholarship should be directed to the Office of Admission and Financial Aid.

5. Robert C. Byrd Scholarship—This is a highly competitive academic merit scholarship that is awarded for 4 years. Students are nominated for this scholarship by their high school counselor.

6. Texas Work-Study—Students must demonstrate financial need. Awarded at $1,500 per academic year, this program provides part-time employment to students. Students must be enrolled at least half-time and cannot be enrolled in a seminary or other program leading to ordination or licensure to preach. Starting at minimum wage, students can choose from a variety of on campus jobs. Students must contact Human Resources for job opportunities. All appropriate forms must be completed before a student can begin work.

C. INSTITUTIONAL PROGRAMS

1. Presidential Scholarship—Automatically considered when admitted, this scholarship
is awarded to entering freshmen who have demonstrated consistent excellence in participation, performance, while in high school, as well as ACT or SAT scores. This award is renewable for up to three additional years. For renewal, a student must maintain at least a 3.0 cumulative grade point average. This scholarship in combination with any other tuition specific scholarship may not exceed the amount of tuition charged in any given year.

2. Trustees Scholarship, Deans Scholarship, Mountaineer Scholarship, and University Scholarship—Automatically considered when admitted, these scholarships are awarded to entering freshmen based on high school participation and academic performance. These awards are renewable for up to three additional years. For renewal, a student must maintain Satisfactory Academic Progress. These scholarships in combination with any other tuition specific scholarship may not exceed the amount of tuition charged in any given year.

3. Ambassador Scholarship—Full-time students who have attended Schreiner for at least one semester and who have exhibited leadership qualities may apply to become a Schreiner Ambassador. Applications are available in early spring in the Griffin Welcome Center. Ambassadors are members of a select group of students that serve as tour guides and assist with campus recruitment programs held for prospective students and their families. Specific expectations apply regarding participation, attendance, and academic standing. This scholarship in combination with any other tuition specific scholarships may not exceed the amount of tuition charged in any given year.

4. Art Scholarship—Each semester portfolio reviews are scheduled for all Graphic Design majors. Art Scholarships are awarded to Graphic Design majors who exhibit outstanding creativity and passion for their major. Evaluations are made by observing creative concepts, formal composition, use of materials, technical ability, quality of presentation and professionalism. This scholarship in combination with any other tuition specific scholarships may not exceed the amount of tuition charged in any given year.

5. Campus Ministry Grant—This grant is available to a student who gives evidence of a potential to assist the Campus Minister. Application is made to and selections are made by the Campus Minister.

6. Choir Scholarship—Any Schreiner University student in good standing or any new student is eligible to apply. The applicant must be enrolled in the choir and be present at rehearsals and all choir performances. Students can obtain a scholarship application from the Office of Admission and Financial Aid or the Choir Director. The completed application should be returned to the Director with a listing of the student’s experience as a member of choral organization(s) and with a letter(s) of reference from director(s) familiar with the student’s work. Students who have not had choral experience should list experience in music in general. An audition is required. This scholarship in combination with any other tuition specific scholarships may not exceed the amount of tuition charged in any given year.

7. Community Internship Program (CIP)—Students who wish to participate in the Community Internship Program may earn scholarships valued at up to $1,000 per semester during the academic year. Students interested in this program should contact the Director of Career Services. This scholarship in combination with any other tuition specific scholarship may not exceed the amount of tuition charged in any given year.

8. Hill Country Grant—Funded by contributions to the Hill Country College Fund, this
is a tuition-restricted scholarship awarded to students who demonstrate financial need. To be eligible for this scholarship, the student must be a resident of Kerr, Kimble, Gillespie, Kendall, Bandera, Real or Edwards County as of January 1st preceding the school year.

9. Journalism Grant—This grant is available to a student whose past performance indicated a potential beyond that of the average student in journalism. The recipient is expected to participate actively in the activity for which the award is made. Application for a journalism grant is made by letter to the activity sponsor. This scholarship in combination with any other tuition specific scholarships may not exceed the amount of tuition charged in any given year.

10. Liberal Arts Scholarship—Students who major in Communication Studies, Creative Arts, History, English, Political Science, Psychology, or Religion are nominated for this scholarship by the Dean. Students must have attended Schreiner University for one academic year as a full-time student and have a minimum cumulative grade point average of 3.0 to be considered for this scholarship. Students must maintain a minimum cumulative grade point average of 2.5 to be eligible for renewal of this scholarship in successive years. This scholarship in combination with any other tuition specific scholarships may not exceed the amount of tuition charged in any given year.

11. Orchestra Scholarship—Any Schreiner University student is eligible to apply for this scholarship. The applicant must be enrolled in the orchestra and be present at rehearsals and all orchestra performances. The student must have sufficient expertise in performance on one of the traditional orchestral instruments to be able to perform music of the difficulty of early Haydn and Mozart symphonies or woodwind chamber works, or of G. Gabrieli works for brass. Student can obtain a scholarship application from the Office of Admission and Financial Aid or the Orchestra Director. The completed application should be returned to the Director with a listing of the student’s experience in performing music for his/her instrument and with a letter(s) of a reference from teacher(s) and/or band or orchestra director(s) familiar with the student’s work. An audition is required. This scholarship in combination with any other tuition specific scholarships may not exceed the amount of tuition charged in any given year.

12. Peer Advisor Scholarship—Students who participate in the Peer Advisor Program are eligible to receive up to $200 in this scholarship. To be eligible to apply for this program, students must have a minimum cumulative grade point average of 2.25, be classified as at least a sophomore, be in good disciplinary standing and have the ability to work with a diverse population of people. Interviews are required. Applications can be obtained from the Dean of Students. This scholarship in combination with any other tuition specific scholarships may not exceed the amount of tuition charged in any given year.

13. Presbyterian Heritage Grant—Presbyterian students can be nominated by Presbyterian pastors to receive $1,000 per year applicable toward tuition at Schreiner University. This scholarship in combination with any other tuition specific scholarships may not exceed the amount of tuition charged in any given year.

14. Professional Studies Scholarship—Students majoring in Accounting, Business, Business Education, Graphic Design, Finance, Management, Management Information Systems, Marketing, General Studies - Generalist Teacher Certification or International Business are nominated for this scholarship by the Dean. Students must have a minimum cumulative grade point average of 3.0 and have completed one year at Schreiner University as a full-time student. Students must maintain a minimum cumulative grade point average of 2.5 to be eligible for renewal of this schol-
15. Resident Assistant Room and Board Scholarships—Students may apply to the Director of Residence Life after completing at least one full-time semester at Schreiner or if they have significant community living experience. The student must be registered full-time and have a cumulative GPA of 2.5 or higher. These scholarships are awarded for the amount of room and board and vary with the resident assistant assignment.

16. Schreiner Work-Study—Awarded at $1,500 per academic year, this program provides part-time employment to students who have not been awarded Federal or Texas Work-Study. Students must be enrolled at least half-time. Starting at minimum wage, students can choose from a variety of on or off-campus jobs. Students must contact Human Resources for job opportunities. All appropriate forms must be completed before a student can begin work.

17. Science/Mathematics Scholarship—Students majoring in Biology, Biochemistry, Chemistry, Mathematics, Exercise Science, or Sport Management are nominated for this scholarship by the Dean. Students must have a minimum cumulative grade point average of 3.0 and have completed one year at Schreiner University as a full-time student. Students must maintain a minimum cumulative grade point average of 2.5 to be eligible for renewal of this scholarship in successive years. This scholarship in combination with any other tuition specific scholarships may not exceed the amount of tuition charged in any given year.

18. Hatton W. Sumners Leadership Grant—A limited number of these four-semester scholarships are awarded each year to rising juniors demonstrating academic excellence and a talent for leadership and community/public service. Applicants must be U.S. citizens who are interviewed by the selection committee of the Hatton W. Sumners Foundation. Candidates must have at least a 3.0 cumulative grade point average and be in the second semester of their sophomore year at the time of interviews. These grants are awarded at $7,000 for both the junior year and the senior year. This scholarship in combination with any other tuition specific scholarships may not exceed the amount of tuition charged in any given year.

19. Theatre Scholarship—Applicants must be full-time Schreiner University students with at least a 2.0 cumulative grade point average and maintain satisfactory academic progress as outlined in the Schreiner Catalog. The student must remain in good academic standing, declare a theatre major or minor with an official signed degree plan, and be continuously enrolled at Schreiner University. The applicant must be enrolled in a theatre class each term, participate actively in the theatre department including one major production and two First Monday productions each semester, and make a good faith effort to attend each show presented. A letter of intent to the Theatre Director informing him/her of past theatre work and/or the intentions of working at Schreiner will need to be turned in by the student. There will be an interview by the Director of Theatre. The student must understand that he/she is not being paid to act in the play; rather, encouraged to work on all aspects of theatre. This scholarship in combination with any other tuition specific scholarships may not exceed the amount of tuition charged in any given year.

20. Tuition Exchange—Students whose parents are employed at institutions who participate in the Tuition Exchange Program may apply for acceptance into the Schreiner University Tuition Exchange Program. Application begins at the parent’s institution.
This scholarship in combination with any other tuition specific scholarships may not exceed the amount of tuition charged in any given year.

21. The Elmore Whitehurst Award for Excellence in Learning—Established in 1985 by the Hatton W. Sumners Foundation of Dallas, this grant recognizes outstanding academic commitment and performance by a Schreiner University graduating senior, a U.S. citizen, whose career objectives will be furthered by graduate study. The recognition carries with it a grant of up to $2,500 to be applied to tuition at a graduate school of the recipient’s choice.

VETERANS EDUCATIONAL BENEFITS

All veterans of the U.S. Armed Forces, may qualify for Veterans Educational Benefits while attending Schreiner University. For more information, contact the Office of Admission and Financial Aid.

Members of the Texas National Guard may qualify for the Texas National Guard Tuition Assistance Program through the Texas Higher Education Coordinating Board. For more information, contact the commanding officer or the Adjutant General’s Office, State of Texas, P.O. Box 5218, Attn: AGTX PAE, Austin TX 78763-5218. This scholarship requires that the student meet specific guidelines as set forth by the Texas National Guard. Deadlines for application: June 15 for fall semester, November 15 for spring semester.

WORKFORCE INVESTMENT ACT

Students who qualify for benefits through the Workforce Investment Act may also qualify for scholarships through this program. For more information, please contact: Texas Workforce Center at 830-257-3171 or visit their website at www.aacog.dst.tx.us.

STANDARDS OF SATISFACTORY ACADEMIC PROGRESS

Federal regulations require that all student financial aid recipients make satisfactory academic progress toward achieving a certificate or degree. Progress is measured by the student’s cumulative grade point average, credits earned in relation to those attempted and the length of the academic program. This standard applies to ALL terms regardless of whether or not the student received financial aid. Note: This policy should be read in conjunction with the university’s policy on Academic Good Standing and Academic Probation/Suspension in the Schreiner University Catalog. A student’s academic eligibility and financial aid eligibility are closely related.

Progress will be measured at the end of each Spring semester for degree seeking students and at the end of each semester or module for students in certificate programs.

I. Progress Standards

Students must, at a minimum, satisfactorily complete 75% of all courses attempted and maintain a minimum cumulative grade point average (GPA) as shown in the minimum GPA requirement table below. Satisfactory grades consists of A, B, C and D. Unsatisfactory grades are F, W, I, PR or any other grade that does not result in credits completed.
Cumulative Progress:
Undergraduate Students:

Students are expected to complete their degrees within 8 semesters when attending college full-time.

Students are also expected to maintain a minimum cumulative grade point average (GPA) as follows:

<table>
<thead>
<tr>
<th>Minimum GPA Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completed Hours</td>
</tr>
<tr>
<td>-----------------</td>
</tr>
<tr>
<td>1-23 Hours</td>
</tr>
<tr>
<td>24 + Hours</td>
</tr>
</tbody>
</table>

To meet the maximum time frame requirement, the following minimum credit hours should be completed as shown:

<table>
<thead>
<tr>
<th>Credit Progression Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Credit Hours Earned</td>
</tr>
<tr>
<td>Length of Attendance</td>
</tr>
<tr>
<td>2 Semesters</td>
</tr>
<tr>
<td>4 Semesters</td>
</tr>
<tr>
<td>6 Semesters</td>
</tr>
<tr>
<td>8 Semesters</td>
</tr>
<tr>
<td>10 Semesters</td>
</tr>
<tr>
<td>12 Semesters</td>
</tr>
<tr>
<td>14 Semesters</td>
</tr>
<tr>
<td>16 Semesters</td>
</tr>
<tr>
<td>18 Semesters</td>
</tr>
<tr>
<td>20 Semesters</td>
</tr>
</tbody>
</table>

For example, at the end of 2 semesters, a full-time student should have completed 24 credit hours, a 3/4 time student should have completed 18 credit hours and a 1/2 time student should have completed 12 hours.

Students seeking a baccalaureate degree who reach 150 hours attempted will be required to submit a recent signed degree plan and letter of intent outlining their plans to complete their degree. No student will receive aid after they have attempted 150% of their program length or 180 hours depending upon the program.

Withdrawals (W grades) which are recorded on the student’s permanent academic transcript will be included as credit hours attempted and will have an adverse effect on the student’s eligibility to meet the requirements of the credit progression schedule for financial aid.

Incomplete and Progress grades—Courses that are assigned an incomplete or progress grade are included in the cumulative credits attempted. These cannot be used as credits earned in the progress standard until a successful grade is assigned.
Repeated Courses—Repeated courses enable the student to achieve a higher cumulative GPA. However, repeating courses adversely effects the student’s ability to meet the requirements of the credit progression schedule.

**Vocational Nursing Students**: Students enrolled in certificate programs have specific, set requirements to maintain financial aid eligibility.

Vocational Nursing Students are required to maintain 2.0 gpa while receiving financial aid in the program, and are required to complete 100% of the classes they are enroled in. Maximum attempted hours is 70.

Students who are placed on Financial Aid Suspension may direct their appeals to the Director of Financial Aid.

**Transfer Students**: Only credits officially accepted in transfer will be counted toward the maximum credits allowed. If the student is required to take hours above the maximum number allowable as a result of transfer from another institution, the student may submit a written appeal to the Office of Admission and Financial Aid requesting an extension, if it exceeds the number of hours allowed by federal regulations.

**Second Degree Students**: Only officially accepted credits will be included in the maximum number allowed.

**Graduate Students**: Graduate students will be expected to meet the same minimum GPA and cumulative hours requirements as undergraduate students. However, graduate students will only be eligible to receive aid for one semester beyond the number of semesters it should be required to complete the program. For example, students in the Master of Education program who have a 36 credit hours requirement are expected to complete a minimum of 12 credit hours per semester and will not be eligible for aid beyond a 4th semester.

**Part-time Students**: These standards will be adjusted according to the hours enrolled. Cumulative GPA requirements are the same as for full-time students.

**Students Admitted on Probation**: Students admitted on probation will be eligible for financial aid for a maximum of two semesters. At the end of those two semesters, the student must have completed enough credit hours and obtained a high enough GPA to be removed from probation status for financial aid to be continued.

**II. Financial Aid Probation**

Students will be placed on financial aid probation if they fail to meet either standard as outlined. Students will be placed on probation for two semesters during which they must come into compliance with the standard. (See Financial Aid Disqualification for exceptions to this rule.) Students not meeting the Standard at the end of the second semester of probation will be disqualified from receiving financial aid.

**III. Financial Aid Disqualification**

Students on financial aid probation who fail to meet the standards as outlined above will be ineligible for financial aid beginning with the next semester of attendance.

Students will be automatically ineligible for financial aid, regardless of whether they have previously been placed on financial aid probation, beginning with the next semester of attendance when one of the following occurs:
a) student receives grades of “F” in all courses attempted in any semester. In evaluating satisfactory progress, a grade of “I” will be considered an “F”.

b) student is academically suspended.

c) a student completely withdraws from all courses attempted in two consecutive semesters.

Students who pre-register for a subsequent semester before grades are evaluated and who use financial aid to pay tuition and fees may owe a financial aid repayment if they do not maintain satisfactory academic progress and have been disqualified from financial aid once grades are posted and reviewed.

A student who is disqualified from financial aid more than one time for failure to meet these standards must meet with a financial aid counselor to discuss plans for re-establishing financial aid eligibility. Unless there are extenuating circumstances, a student in this category should expect to enroll for at least 12 semester credits without financial aid and successfully pass all courses with a minimum of a 2.00 GPA to be reconsidered for financial aid.

Disqualification from financial aid does not prevent a student from enrolling without financial aid if he or she is otherwise eligible to continue their enrollment. However, the student should be aware that the university’s policies for academic eligibility and financial aid eligibility closely mirror one another, since both are measures of satisfactory academic progress intended to encourage behavior which leads to academic success.

IV. Appeals to Regain Eligibility

Students who fail to meet these standards and have lost eligibility for financial aid may appeal this decision. Appeals must be in writing and must be accompanied by appropriate supporting documents. Appeals should be submitted to the Office of Admission and Financial Aid within 30 days of the student receiving notice of disqualification. Reasons that may be acceptable for the appeal are: (1) serious illness or accident on the part of the student; (2) death, accident or serious illness in the immediate family; (3) change in academic program; (4) other extenuating circumstances. The reasonableness of the student’s ability for improvement to meet the appropriate standards for the certificate or degree program in which the student is enrolled will be taken into consideration.

Appeals will be reviewed by the Financial Aid Committee and will be approved, denied or approved for a probationary period not to exceed one academic year.

V. Regaining Eligibility

Students who failed to meet these Standards and who choose to enroll without the benefit of financial aid may request a review of their academic record after any term in which they are enrolled without the receipt of financial aid. If the standards are met, eligibility is regained for subsequent terms of enrollment.

Students should consult with a financial aid counselor to determine what must be done to regain eligibility.

VERIFICATION OF ENROLLMENT

Students who have attended other colleges and have outstanding student loans are encouraged to arrange that a verification of enrollment be sent to lending agencies each semester they
enroll. Students should request verification in writing through the Office of the Registrar. All verifications are prepared and mailed after the Census Date: twelfth class day during the Fall and Spring terms. A request to verify enrollment may not be initiated by FAX.

RETURN TO TITLE IV REFUNDS AND INSTITUTIONAL REFUND POLICY

Students who withdraw from all classes prior to the 60% point of the semester and who receive institutional and/or Title IV Federal financial aid may owe a refund of some or all of the financial aid received. Also, students who fail all of their classes because they stopped attending classes will be considered to have only attended class until the midpoint of the semester unless the student provides proof of class attendance.

Financial aid is “earned” on a proportional basis for each day of the term that the student has completed. If a student completes 30% of the term, then he or she has earned 30% of the financial aid. If the financial aid has been credited to the account and has paid institutional charges only, 70% of the aid must be returned to the financial aid programs.

Funds are returned to the programs in the following order:

- Unsubsidized Federal Stafford Loan
- Subsidized Federal Stafford Loan
- Parent Loan for Undergraduate Students (PLUS)
- Federal Pell Grant
- Federal Supplemental Educational Opportunity Grant (FSEOG)

If financial aid created a credit on the student’s account which was then refunded to the student, the student will be required to repay 50% of any unearned grant amount. If the credit balance was created by a loan disbursement, the student will be required to repay the lender the amount of the loan as per the terms of the signed promissory note.

For example, a student was awarded federal grants totaling $3,000 and received Federal Stafford funds of $2,500 of which $500 was refunded to the student. If the student withdraws at the 30% point in the term, he or she will have earned $1,650 of the $5,500 awarded. 70% of the $5,500 or $3,850 must be returned to the federal programs. Schreiner will return $2,000 ($2,500 less $500 refunded to student) and $1,850 of the federal grants. The student would be responsible for repaying the $500 in loan money to the lender as per terms on the promissory note.

Although financial aid must be returned to federal programs as prescribed by federal regulations, the Schreiner University Tuition Refund Policy does not refund tuition at the same percentages. Students will be required to pay Schreiner University for any balances owed after the tuition refund and financial aid refunds have been calculated.

If part of the balance owed to Schreiner University is the repayment of a federal grant, Schreiner University has 30 days to notify the student of the balanced owed. The student has 45 days to either repay the funds or make satisfactory payment arrangements with the Business Office. Students who fail to repay the funds within 45 days or to make satisfactory payment arrangements will be considered to have received an overpayment of federal financial aid. This overpayment will be reported to the U.S. Department of Education. Once reported to the U.S. Department of Education, the student will no longer be eligible to receive Title IV funds from any college or university.
Students are encouraged to meet with the Director of Financial Aid before the withdrawal process has been started so that they will know the financial impact of withdrawing from college.

**STUDY ABROAD**

Enrollment in a program of study abroad that is approved for credit by Schreiner University may be considered enrollment at Schreiner University for purposes of applying for federal student assistance.

**FINANCIAL AID AWARD FUNDING**

Funding for institutional scholarships, grants-in-aid, and work-study comes, in part, from private donations and endowment earnings, often with donor stipulation as to qualifications. Students need not apply for specific scholarships or grants. To be considered for an award, a student must complete the Free Application for Federal Student Aid (FAFSA) available at www.fafsa.ed.gov.

Academic scholarships and grants are awarded if students meet the academic criteria of the scholarship or grant and maintain a minimum grade point average as specified by the award. If financial need is demonstrated in addition to the academic award, the scholarship will become part of the overall need-based award.

Scholarships and grants are available to students who demonstrate academic achievement, financial need, leadership potential, live in a specific geographic area (Texas Hill Country, East Texas), are “non-traditional” students, are pursuing a specific academic major, or participate in the work-study program. A complete list of scholarships and grants can be obtained from the Schreiner University Office of Admission and Financial Aid.
Student Life
STUDENT SERVICES AND FACILITIES

ATHLETICS FACILITIES

Athletics facilities are for the entire student body. The objective of the University is to involve as many students as possible in the athletics program and in use of athletics facilities. The facilities are either operated by Campus Recreation or Athletics and, in some cases, both. Athletics has Edington Center which houses basketball/volleyball courts on its one court. The new George and Frances Cree Tennis Complex has eight lighted courts. Schreiner also has a baseball field and lighted softball field as well as a soccer game field and practice field.

BOOKSTORE

The University Bookstore stocks textbooks and other school supplies. The store also carries collegiate wear, school novelties, toiletries and other items.

CAILLOUX CAMPUS ACTIVITY CENTER

The Cailloux Campus Activity Center is the “living room” of the campus and is open extended hours for use by students, staff and faculty. The C.C.A.C. houses a snack/sports bar, bookstore, mail center, aerobics room, fitness center, media center, recreation area, conference center and administrative offices for Student Services.

CAMPUS RECREATION

Campus Recreation located in the Mountaineer Center gives the Schreiner Community an opportunity to participate in pastime activities as well as the opportunity to expand upon their recreational experiences by offering the following: Fitness, Intramurals, Outdoor adventures, Open Rec, Special events, Club Sports, Mountaineer Adventure Program, Challenge Course, Swimming Pool.

CAMPUS SECURITY

Campus Security staff provide coverage 24 hours per day, seven days per week. Their services include policy and law enforcement, emergency assistance, parking and traffic regulation, building security and institutional safety policy enforcement.

CAREER SERVICES

The Career Services Office assists students with self-assessment, career exploration, and job and graduate school searches through individual counseling and a series of workshops. Services include a computerized career exploration program, training in resume development, letter-writing, interview skills, and full-time, part-time and summer employment referrals, and assistance in locating internships. Services are available to all current students and graduates of Schreiner University. Students are welcome to browse in the career resource center, which houses information on college majors and careers, employers and graduate schools.
CHAPEL

The University Chapel is located in the Griffin Welcome Center and is available for individual and group worship. During the academic year, weekly chapel services are held in the chapel or in the Cailloux Campus Activities Center (CCAC) ballroom under the direction of the Campus Minister.

COUNSELING AND GUIDANCE

Academic and personal counseling are provided as a service of the University. The Director of Counseling Services is a professionally certified counselor and is available during regular work hours, as well as during after hours emergencies. A campus minister is also available on campus for counseling and support.

Faculty advisors, under the supervision of the Vice President for Academic Affairs, assist students in determining majors and planning their educational programs and goals. The Director of Career Services also serves as a resource for career planning.

HEALTH, WELLNESS AND COUNSELING SERVICES

A registered nurse is available in the Health, Wellness and Counseling Center for assessment of minor illness or injury and referral as necessary from 9:00 a.m. to 5:00 p.m., Monday - Friday. Services within the Health, Wellness and Counseling Center are free and confidential for all students regardless of insurance coverage. Health guidance, education, literature and presentations are available on request.

For health related emergencies after hours, Campus Security staff are trained in First Aid and CPR and can be reached at (830) 739-1111. In the case of emergency, dial 911 (9-911).

Mental health counseling is confidential and available to students free of charge. A Licensed Professional Counselor is available to students in the Mountaineer Center for mental health counseling or for referrals to local mental health professionals. Please see “COUNSELING AND GUIDANCE” for additional information.

HEALTH INSURANCE

Accident and Sickness Insurance is mandatory for all residential, international and vocational nursing students and encouraged for all commuting students. For those students that do not have insurance, a student accident and sickness insurance plan is available through the University and is administered by the Director of Health and Wellness. All residential, international and vocational nursing students at Schreiner University are automatically enrolled in and charged for the student accident and sickness insurance offered by the University unless proof of comparable coverage has been provided during the on-line waiver process. Providing proof of coverage to Athletics does not negate the need to complete the on-line waiver process. Please visit the Health and Wellness webpage at http://students.schreiner.edu/health/ for additional information and to access the brochure.

Health Insurance insures students can access health care off campus, consult a specialist and have coverage for emergency and hospitalization. All students are encouraged to carry a copy of their insurance card to avoid delay in healthcare in an emergency and to provide updated information to Health and Wellness services at any time when it changes.
LEARNING CENTER

The purpose of the Fasken Teaching and Learning Center is to provide academic support services to all Schreiner students by enhancing the academic skills of successful students and supplying developmental assistance where needed. The center serves as a resource for faculty and staff, where both group and individual programs are available to help students increase their efficiency in most areas of study.

Located in Dickey Hall, the Fasken Teaching and Learning Center offers free peer tutoring, as well as the instructional lab, which contains computers and audio-visual aids where students have access to word processing programs, spreadsheets, databases, and computer assisted instruction for many subject areas.

LIBRARY

The William M. Logan Library provides innovative information resources and services in support of the University’s educational program. The Library has over 100,000 volumes and subscribes to over 200 periodicals and newspapers. From 20 public access workstations, students may access the Internet, the library’s web page and catalog as well as over 50 different electronic databases, many of which include full-text articles. A limited number of laptops with wireless network access are available for student checkout. A Student ID and a signature accepting responsibility are required.

The Library is arranged in open stacks enabling students to browse and make their own book selections. The facilities include reading and study areas, individual carrels, group study rooms, photocopier, and an electronic classroom of twelve internet-connected computers open for class or individual use. Instruction in library research methodology and current research technology is provided for individuals and classes under the direction of professional librarians.

Bibliographic information about the Library’s book collection is available on the library’s website at http://library.schreiner.edu. The reference collection of over 5,000 print volumes includes encyclopedias, bibliographies, atlases, periodical indexes, and other reference sources. Special collections include the Schreiner University Collection, the Texas Hill Country Collection, and the Sam Lanham Digital Library of Texas Hill Country History.

The Library’s holdings are supplemented by participation in the Online Computer Library Center (OCLC), a computerized international network of over 20,000 libraries, and by membership in the Council of Research and Academic Libraries, a library consortium for the San Antonio area and TexShare, a consortium of Texas college and university libraries.

MOUNTAINEER FITNESS CENTER

The Mountaineer Fitness Center provides the Schreiner University Community with a safe and engaging environment, in order to pursue healthier lifestyle choices through health and wellness, fitness, and recreation programming and services. Campus Recreation, Health and Wellness, Counseling Services, Athletic Training, and Athletic Offices are located in the Mountaineer Center.

ORIENTATION

Orientation is essential in assisting new students with their transition to Schreiner University. During Orientation, new students meet with a faculty advisor to review course offerings, learn
about campus services and programs, receive detailed information on financial aid, and meet a variety of people ranging from faculty to administrators to other new and current students.

To meet the needs of all our newly admitted students as they make their transition there are two types of orientation programs provided, Mountaineer Days and Transitional Orientation. Mountaineer Days is our mandatory orientation program for all new freshman students and all new transfer students with 15 or fewer credit hours. (A parent orientation is also available during this program.) Our Transitional Orientation program is available for all new transfers with 16 or more hours and/or new students that do not follow the path directly from high school to college.

**STUDENT SERVICES OFFICE**

The Vice President for Enrollment and Student Services/Dean of Students oversees the Student Services areas which include the offices and staffs of Campus Ministry, Career Services, Counseling Services, Campus Recreation, Greek Life, Health and Wellness, Orientation, Student Activity Center, Residence Life and Student Activities. Students may contact the Dean of Students to voice concerns, file appeals or whenever assistance is needed. Please see Student Handbook for more information for procedures for student complaints/appeals.

**STUDENT RESIDENCES**

On-campus residence halls and apartments provide accommodations for approximately 753 students. Facilities are air-conditioned and have cable television service in the individual rooms. Furnishings include a desk, single bed, dresser, chair, and closet facilities. Most mattresses are twin, extra-long. The apartments also contain living room furnishings and a kitchen.

All campus living areas have wireless access to Internet services. Wireless network devices are available on loan. Current details are always available on the Instructional Technology website at http://tech.schreiner.edu/technology/instructional/it_home.html.

The freshmen residence halls close during the academic schedule breaks at Thanksgiving, Christmas and Spring Break. Housing for students during these vacation periods must be approved by the Director of Residence Life.

Students are expected to become involved in the total life of the University and to develop human relations skills essential for success in many areas of life. Through a variety of personal learning opportunities outside of formal classrooms and laboratories, students will continue the life-long learning process.

**Residency Requirements**

Schreiner University believes on-campus living contributes to our students’ overall education and accordingly requires all full-time first, second and third year students to live on campus. First year students classified as freshmen are required to live in the residence halls. Upper class students may select a space in the residence halls or the apartments, depending on availability.

All full-time students must live in campus housing for 6 full semesters, and are required to provide proof of current health and accident insurance coverage. A student may live off campus upon completion of 90 hours of University credit or if they have already lived on-campus for a total of six semesters, or if the student is 23 years of age or older, is married, is a veteran of the US military, or is living with her/his legal guardian in one of the following counties: Kerr, Gillespie, Kendall, Edwards, Bandera, Real, or Kimble.
Those with special circumstances may request exemption from the housing policy in writing to the Director of Residence Life. Returning students must request exception during the annual housing selection process. New students must submit their appeal as soon as they are admitted. Students will receive notification once the verification process is complete. Students found to be in violation of the residency requirement will be required to move on to campus. If the student does not comply within ten (10) days, the Director of Residence Life may recommend cancellation of the student’s registration and/or the student will be billed for room and board charges for each term of non-compliance.

Students who reside in college housing facilities are required to contract with the University for a meal plan. A variety of meal plans are offered and the requirements are dependent on class standing.

Damage and fines for unacceptable room and furnishing conditions will be accessed as they occur and/or within thirty (30) days of the date a student checks out of a room. The occupants of the room share equally in all costs when there is an agreement between them regarding responsibility. The repair costs for excessive damage to public areas, which cannot be attributed to an individual student(s), will be prorated among the residents of the living group. The University reserves the right to enter and inspect all campus housing to ensure student health and safety, and to provide maintenance services when deemed necessary and without prior notice.

All resident students must complete a Housing Agreement and are expected to follow the rules and regulations as set out in the Student Handbook or as amended by the Dean of Students.

**WRITING CENTER**

The Schreiner Writing Center empowers students to learn and to become better writers through personalized experiences by offering them an opportunity to work independently with peer tutors. The Writing Center offers a place where students may discuss paper ideas, present papers, and improve their writing skills; discussions may be limited to one-to-one tutoring or group conversations led by faculty. The specially trained peer tutors approach writing as a process and help students at any stage in that process, from gathering ideas for an assignment to issues of focus, organization, development, and tone. Located in AC Schreiner, the Writing Center offers free help and encouragement to all campus writers.

**CAMPUS LIFE**

The purpose of Schreiner University is to provide a rigorous liberal arts education, one which will help students grow into competent, cultivated and concerned individuals. The Schreiner experience presupposes that healthy human growth is whole, claiming all the intellectual, social, physical and spiritual dimensions of each person’s life. Campus activities and programming promote student initiative by providing opportunities for the integration of these dimensions in the development of a well-rounded life.

**ATHLETICS**

The athletics program at Schreiner is an integral part of the whole person development program of the University. The basic components of the sports program are intercollegiate sports. The objective is to provide both men and women opportunity of the participation in organized athletics competition. In compliance with the Title IX regulations of the Department of Health and Human Services specifying that schools and colleges must offer equal opportunities for women
to participate in athletics, the University fields intercollegiate teams for men in baseball, basket-
court, cross-country, golf, soccer, tennis and for women in basketball, cross-country, golf, soc-
cer, softball, tennis and volleyball. The University competes in the American Southwest
Conference of the National Collegiate Athletic Association (NCAA) in Division III. The
NCAA is the organization through which the nation’s colleges and universities speak and act
on athletics matters at the national level. It is a voluntary association of approximately 1,200
institutions, conferences, organizations and individuals devoted to the sound of administration
of intercollegiate athletics.

DIVISION III PHILOSOPHY STATEMENT

Colleges and universities in Division III place highest priority on the overall quality of the
educational experience and on the successful completion of all students’ academic programs.
They seek to establish and maintain an environment in which a student-athlete’s activities are
conducted as an integral part of the student-athlete’s educational experience. They also seek
to establish and maintain an environment that values cultural diversity and gender equity
among their student-athletes and athletics staff.

To achieve this end, Division III institutions:

(a) Place special importance on the impact of athletics on the participants rather than on
the spectators and place greater emphasis on the internal constituency (students, alumni,
institutional personnel) than on the general public and its entertainment needs;
(b) Award no athletically related financial aid to any student;
(c) Encourage the development of sportsmanship and positive societal attitudes in all con-
stituents, including student-athletes, coaches, administrative personnel and spectators;
(d) Encourage participation by maximizing the number and variety of athletics opportu-
nities for their students;
(e) Assure that the actions of coaches and administrators exhibit fairness, openness and
honesty in their relationships with student-athletes;
(f) Assure that athletics participants are not treated differently from other members of
the student body;
(g) Assure that athletics programs support the institution’s educational mission by
financing, staffing and controlling the programs through the same general procedures
as other departments of the institution;
(h) Provide equitable athletics opportunities for males and females and give equal
emphasis to men’s and women’s sports;
(i) Support ethnic and gender diversity for all constituents; (Adopted: 1/12/99)
(j) Give primary emphasis to regional in-season competition and conference championships;
and
(k) Support student-athletes in their efforts to reach high levels of athletics performance,
which may include opportunities for participation in national championships, by pro-
viding all teams with adequate facilities, competent coaching and appropriate com-
petitive opportunities.

The purpose of the NCAA is to assist its members in developing the basis for consistent, equi-
table competition while minimizing infringement on the freedom of individual institutions to
determine their own special objectives and programs. The above statement articulates princi-
pies that represent a commitment to Division III membership and shall serve as a guide for the
preparation of legislation by the division and for planning and implementation of programs by
institutions and conferences.
GREEK LIFE

Schreiner University supports a Greek Life program that benefits the holistic development of our undergraduate students. The men’s and women’s fraternal organizations are expected to encourage high standards of leadership, scholarship, character, conduct and social education. In accordance with federal law, these groups may limit their membership to a single gender. They are subject to all policies of the University, including those which apply to Recognized Student Organizations and specifically Greek Life.

NATIONAL COLLEGIATE HONOR SOCIETIES

Alpha Chi—Schreiner University sponsors the Texas Alpha Sigma chapter of Alpha Chi, a national honor society whose purpose is to promote and honor academic excellence and exemplary character. The upper tenth of the junior and senior classes is elected to membership each year based on the eligibility criteria of superior academic achievement and character.

Alpha Lambda Delta—As a freshman honor society, Alpha Lambda Delta, encourages superior academic accomplishment through the recognition of students who have achieved a 3.5 or better GPA in their first term at Schreiner. They must also be enrolled full-time, working toward a bachelor’s degree and be in good standing with the institution.

Kappa Mu Epsilon—Kappa Mu Epsilon recognizes outstanding achievement in mathematics. Members must have completed a minimum of three semesters of full-time university coursework, ranked in the upper 35% of their class, have completed at least three university courses in mathematics, including one semester of calculus; and have attained a “B” average or better in all mathematics classes.

Order of Omega—Order of Omega is an honorary society for social Greeks. Selection is based on the four tenets of Greek Life: Scholarship, Service to community, Brotherhood/Sisterhood and Leadership. The purpose of Order of Omega is to recognize outstanding academics and leadership in fraternity and sorority systems on college and university campuses, leadership that promotes fraternity and sorority life on campus, as well as being a role model for leaders and members alike.

Sigma Beta Delta—This international honor society recognizes students who major in business, management and administration and have earned at least a 3.00 cumulative GPA and a 3.25 GPA in the major.

Sigma Tau Delta—Alpha Gamma Xi is the Schreiner chapter of Sigma Tau Delta International English Honor Society. This society recognizes outstanding English majors of junior classification with a minimum of a 3.5 GPA in all English courses.

Who’s Who Among Students in American Universities and Colleges—An honor society reserved for students of senior standing, a 3.5 or better cumulative GPA and a high level of involvement in campus and/or community activities. Students are nominated by members of the faculty and staff and then selected by a committee and forwarded to the national organization for recognition.

RECOGNIZED STUDENT ORGANIZATIONS

The Department of Student Activities offers a variety of opportunities for leadership and education through a number of Recognized Student Organizations. These groups include recreational clubs, honor societies, religious student organizations, social Greek Life organizations, and special interest groups. The University encourages student participation in club activities of personal interest.
SERVICE LEARNING
The Schreiner Service Council provides service learning and other volunteer opportunities for Schreiner students, staff and faculty. Through service activities students can become more involved in the campus and the greater community, gain leadership skills, develop an increased sense of civic responsibility and deepen their understanding of community and global issues.

SPIRITUAL LIFE
An ordained Campus Minister coordinates religious activities and chapel services at Schreiner University and provides pastoral care and counseling. While Schreiner is within the Presbyterian tradition, the Campus Ministry Program is an ecumenical and interfaith ministry that celebrates the heritage and witness of various traditions.

Schreiner University seeks to promote a Christian witness while listening to, and learning from, students of other religious traditions, so as to unite all persons at their deepest level and to enrich lives through dialogue and sharing.

STUDENT ACTIVITIES BOARD
The Student Activities Board (S.A.B.), with the assistance of the Director of Student Activities, plans and schedules campus wide events throughout the academic year. Events may include billiards tournaments, live band performances, speakers, dances, and a multitude of other student centered social and educational activities. Volunteer opportunities and internships are available through the S.A.B. for interested students.

STUDENT PUBLICATIONS
The Muse, the University’s annual literary magazine, provides a showplace for the artistic efforts - poem, essays, short stories, photography and artwork - of students, faculty and staff members. The Schreiner University student newspaper, The Mountaineer, is published by students, and is open to all interested students, who must apply in the fall for staff positions. An English faculty member is advisor to these publications mentioned here. Student involvement is welcomed and the work experience is great for the resume.

STUDENT SENATE
The Student Senate is the Schreiner student governing body, created by joint action of faculty and students during the session of 1929-30. It was organized to promote the general welfare of students, school spirit, scholarship and citizenship. Members are elected by the student body during annual elections held in the spring term. Representatives from the Senate serve on numerous committees including Academic Affairs, Admission, Faculty Search and Selection, Financial Aid, Library, and Student Affairs. Senate executive officers represent the student body at Board of Trustees functions and other University events.
Academics
ACADEMIC PROGRAMS

ACADEMIC POLICIES

ACADEMIC CALENDAR

The Schreiner University Calendar for the academic year consists of a Fall Term of about 15 weeks, and a Spring Term of 15 weeks. There is also a six-week Summer Term for those who choose to participate. The Fall Term and the Spring Term are considered “long terms.”

ACADEMIC CREDIT

All academic credit is awarded in semester hours.

COURSE LOADS

To be considered “full-time,” a student must carry a minimum of 12 hours of course work each long term. Maximum course loads are 18 hours per long term, and six hours in Summer Term. Exceptions must be approved by the Registrar.

CLASSIFICATION OF STUDENTS

A freshman is one who has met all entrance requirements but who has earned fewer than thirty semester hours of credit.

A sophomore is one who has met all entrance requirements and who has earned thirty semester hours of credit.

A junior is one who has met all entrance requirements and who has earned sixty semester hours of credit.

A senior is one who has met all entrance requirements and who has earned ninety semester hours of credit.

GRADES AND GRADE REPORTING

Grades are issued to the student at the end of each term. Mid-term grades are issued only to those students on Academic Probation, all first time freshmen, and new transfer students. Mid-term grades are not permanently recorded but are provided for information and guidance. Letter grades are assigned in all courses unless otherwise noted in the catalog description of the course.

A — Excellent; —4 grade points per semester hour.
B — Good; —3 grade points per semester hour.
C — Satisfactory; —2 grade points per semester hour.
D — Passing; —1 grade point per semester hour.
F — Failing.
I — Incomplete (becomes “F” or “U” unless work is completed within one long term after the “I” is given).
PR — Work in Progress (becomes “F” or “U” unless work is completed within two long terms after the “PR” is given).
S — Satisfactory (at least “C” quality).
U — Unsatisfactory.
W — Withdrawn from classes.

Certificate programs require at least a 70% (C) passing grade in all classes.

GRADE POINT AVERAGE CALCULATION

The grade point average is calculated by:
1. Multiplying the grade earned in each class by the number of hours credit for that class to achieve grade points.
2. Dividing the total hours attempted into the total grade points accumulated.

FOR EXAMPLE:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Grade</th>
<th>Hours</th>
<th>Grade Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>B</td>
<td>3</td>
<td>3 g.p. x 3 hrs = 9</td>
</tr>
<tr>
<td>History</td>
<td>C</td>
<td>3</td>
<td>2 g.p. x 3 hrs = 6</td>
</tr>
<tr>
<td>Math</td>
<td>C</td>
<td>3</td>
<td>2 g.p. x 3 hrs = 6</td>
</tr>
<tr>
<td>Biology</td>
<td>B</td>
<td>4</td>
<td>3 g.p. x 4 hrs = 12</td>
</tr>
<tr>
<td>HPER</td>
<td>A</td>
<td>1</td>
<td>4 g.p. x 1 hr = 4</td>
</tr>
</tbody>
</table>

37 grade points divided by 14 hours = 2.642 or a 2.64 GPA.

ACADEMIC HONORS

TERM HONORS

President’s List and Dean’s List: To qualify for the President’s List, a full-time student must have passing grades in all courses and, must earn at least a 3.70 grade point average and at least 12 hours credit for the term. To qualify for the Dean’s List, a full-time student must have passing grades in all courses and, must earn at least a 3.30 grade point average and at least 12 hours credit for the term. Academic honors are listed for the Fall and Spring Terms only. Part-time students are not considered for academic honors.

GRADUATION HONORS

A student whose grade point average is 3.50 or better is considered a graduate of distinction provided that graduate has earned at Schreiner at least 32 credit hours for an associate degree or at least 64 credit hours for a bachelor’s degree.

ASSOCIATE DEGREE:
- 3.85 - Highest Honors
- 3.50 - Honors

BACCALAUREATE DEGREE:
- 3.90 - Summa Cum Laude
- 3.75 - Magna Cum Laude
- 3.50 - Cum Laude

A student in the Schreiner Honors Program is considered a Schreiner Honors Program Scholar provided that the graduate has at least a cumulative 3.50 GPA and has been in the Honors program at least the last four (4) consecutive long terms.
ACADEMIC GOOD STANDING

To remain in academic good standing and avoid academic probation, a student must have the following minimum cumulative grade point average on work at Schreiner University: Note: This policy should be read in conjunction with the college’s policy on Satisfactory Academic Progress Standards of this catalog. A student’s academic eligibility and financial aid eligibility are closely related. Both are measures of satisfactory academic progress intended to encourage behavior which leads to academic success.

<table>
<thead>
<tr>
<th>Classification</th>
<th>Schreiner Cumulative Grade Point Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-23 hours</td>
<td>1.75 GPA</td>
</tr>
<tr>
<td>24 hours and above</td>
<td>2.0 GPA</td>
</tr>
</tbody>
</table>

* Classification includes a total of all work at Schreiner University and all hours transferred and accepted for credit.

** Schreiner Cumulative Grade Point Average is the grade point average calculated on work completed at Schreiner University.

SCHEDULE FOR SUFFICIENT ACADEMIC PROGRESS

<table>
<thead>
<tr>
<th>Length of Attendance</th>
<th>Minimum Credit Hours Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semesters as Full-Time Student</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>9</td>
</tr>
<tr>
<td>2</td>
<td>24</td>
</tr>
<tr>
<td>3</td>
<td>37</td>
</tr>
<tr>
<td>4</td>
<td>49</td>
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<td>5</td>
<td>62</td>
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<tr>
<td>6</td>
<td>75</td>
</tr>
<tr>
<td>7</td>
<td>89</td>
</tr>
<tr>
<td>8</td>
<td>102</td>
</tr>
<tr>
<td>9</td>
<td>111</td>
</tr>
</tbody>
</table>

ACADEMIC PROBATION/SUSPENSION

A student who does not meet the minimum Schreiner cumulative grade point average will be placed on academic probation. While on academic probation, a student will be allowed no unexcused absences. A student on academic probation should register for no more than fifteen (15) academic hours. A student who remains on probation for a second long term may be academically suspended at the end of that term. The University reserves the right to suspend any student who fails all courses in a semester regardless of probation status.

Suspension remains effective for one long term. Within ten days of notification, suspension may be appealed in writing to the Vice President for Academic Affairs. All appeals are reviewed by the university’s admission committee.

A student on probation who earns a term GPA above 2.0 will remain academically eligible to enroll though still on probation until the cumulative GPA is acceptable as defined in the scale above.

After a term of suspension, application for re-admission to the University may be made to the Office of Admission.
REPETITION OF COURSES

Students are permitted and encouraged to repeat only courses in which they have D’s and F’s with the goal of improving their overall academic averages at Schreiner. Although only the better grade obtained on a repeated course is included in a student’s grade point average, it should be noted that other institutions to which the student may wish to transfer consider total hours attempted in calculating the GPA.

AUDIT

Any enrolled student wishing to audit a course must complete a Request to Audit Form in the Office of the Registrar no later than the first day of class. A student may not change from credit to audit nor from audit to credit during the course of the term. Tuition for an audited course is one-half the tuition which would be charged for the course if taken for credit.

CHALLENGE EXAM POLICY

Students enrolled at Schreiner University are eligible to challenge most courses by departmental examination. No student on academic probation is allowed to challenge a course. Prerequisites must have been met for courses challenged, and no course (or equivalent at another college) for which the student has any college transcript entry may be challenged. These examinations may be taken only once and must be completed during the term in which the student registers for them. Only if a satisfactory score, C or above, is earned, will credit by examination be noted on the transcript. No letter grade is given. The fee, one-sixth of the cost of the course, is payable in advance. Application must be made to the Registrar. Registration must be completed before the last day to add a course during any term.

FOREIGN LANGUAGE PLACEMENT POLICY

Schreiner University attempts to determine a student’s foreign language proficiency level by administering the University of Wisconsin Placement Exam. All students with some knowledge of French, German or Spanish without previous college credit in that language, are encouraged to take the placement exam. Students transferring fewer than four lower division courses in one foreign language are encouraged to take the exam. The test may be taken only once. Contact Fasken Teaching and Learning Center for test dates.

For all baccalaureate degrees, credit may be awarded for lower level courses based on placement exam scores. Students with a placement score at the level of 1402 or above may, upon written request to the Registrar, be given credit for the required courses. Refer to appropriate discipline statements.

CLASS ATTENDANCE

The University considers prompt and regular class attendance an important obligation of the student. Excessive absences normally affect the quality of achievement and, concomitantly, the grade. Each instructor is responsible for establishing attendance standards in keeping with the nature of the course and will provide the student at the first class meeting a written copy of the policy. Developing a positive attendance policy helps to insure the likelihood of academic progress.

CODE OF ACADEMIC CONDUCT

The University recognizes honesty and integrity as essential elements of the academic function of the University. The following regulations are promulgated in the interest of protecting
the equity and validity of the University’s grades and degrees and to assist students in developing standards and attitudes appropriate to academic life.

A. Basic Standards of Academic Conduct

All members of the academic community are responsible for promoting and maintaining a climate of academic integrity at Schreiner University. It is the expectation of the community of scholars that students will act fairly and honestly at all times. Examples of academic misconduct include, but may not be limited to:

1. **Cheating.** Using unauthorized notes, study aids, or information on an examination; altering a graded work after it has been returned, then submitting the work for re-grading; allowing another person to do one’s work and submitting that work under one’s own name; copying; submitting identical or similar papers for credit in more than one course without prior, written permission from the course instructors.

2. **Plagiarism.** Submitting material that in part or whole is not entirely one’s own work without attributing those same portions to their correct source. (Themes, essays, term papers, tests and other similar requirements must be the work of the student submitting them. When direct quotations are used, they must be indicated, and when the ideas of another are incorporated in the paper, they must be appropriately acknowledged. Faculty may elect to employ a plagiarism detection service [such as Turnitin.com or other] to aid in compliance monitoring. Students should consult with professors about the details of course requirements as to methods of documentation.)

3. **Fabrication.** Falsifying or inventing any information, data or citation; presenting data that were not gathered in accordance with standard guidelines defining the appropriate methods for collecting or generating data and failing to include an accurate account of the method by which the data were gathered or collected.

4. **Obtaining an Unfair Advantage.** (a) Stealing, reproducing, circulating or otherwise gaining access to examination materials prior to the time authorized by the instructor; (b) stealing, destroying, defacing or concealing library materials with the purpose of depriving others of their use; (c) unauthorized collaborating on an academic assignment; (d) retaining, possessing, using or circulating previously given examination materials, where those materials clearly indicate that they are not to be returned to the instructor at the conclusion of the examination; (e) intentionally obstructing or interfering with another student’s academic work; or (f) otherwise undertaking activity with the purpose of creating or obtaining an unfair academic advantage over other students’ academic work.

5. **Collusion:** (a) Providing material, information, or other assistance to another person with knowledge that such aid could be used in any of the violations stated above, or (b) providing false information in connection with any inquiry regarding academic integrity. (Collusion is distinct from collaborative learning, which may be a valuable component of students’ development. Different levels of collaboration are acceptable in different courses and students are expected to consult with their instructor if they are uncertain whether their cooperative activities are acceptable.)

6. **Falsification of Records and Official Documents.** Altering documents affecting academic records; forging signatures of authorization or falsifying information on an official academic document, grade report, letter of permission, petition, drop/add form, ID card, or any other official University document.

7. **Unauthorized Access to Computerized Academic or Administrative Record or Systems.** Viewing or altering computer records, modifying computer programs or
systems, releasing or dispensing information gained via unauthorized access, or interfering with the use or availability of computer systems or information.

B. Responsibilities

Responsibility of Students

The successful implementation of the Schreiner University Code of Academic Conduct depends on the students’ willingness to support its tenets. Students should:

• Be honest at all times.
• Treat others fairly.
• Take responsibility for their actions individually and as a group.
• Be a leader and a mentor to their peers.
• Create an atmosphere of academic integrity within the University community.
• Be proactive about knowing the rules of conduct and asking questions when aspects of the code, such as plagiarism or collaboration, are unclear.
• Maintain confidentiality throughout the process.

C. Due Process

1. Finding of Academic Misconduct

Sanctions may be levied on students who are found to be in violation of the Schreiner University Code of Academic Conduct. If a faculty member concludes that an act of academic misconduct has occurred, he/she will report the finding, in writing and within 5 business days, to the student and to the VPAA.

2. Appeal of Finding

A student who has received a finding of misconduct letter from a faculty member may appeal the finding of misconduct, in writing and within 10 business days, to the Dean of the School in which the reporting faculty member resides, who will immediately inform the VPAA of the appeal. The Dean will then, in writing and within 5 business days, report to the student, the faculty member, and the VPAA a decision on the finding of misconduct. If the Dean rules that the finding was in error, the allegation will be dismissed, the sanction(s) will be removed, and the result will be recorded in the VPAA’s confidential files; otherwise, the sanction(s) will stand. The Dean’s decision will be considered final.

3. Additional Sanctions

Upon receipt of an initial report of academic misconduct from a faculty member, the VPAA will, within 5 business days, notify the faculty member and the student, in writing, of receipt of the report. The VPAA will then wait a minimum of 10 but not more than 15 business days for the result of any student appeal. If there is no appeal or if the finding is upheld, the VPAA may, within 5 additional business days and in writing to the student, levy additional sanctions. These sanctions may include any of the following:

a. A defined period of probation, with or without the attachment of conditions
b. A recommendation of instructor for a grade of “F” in the course
c. Withdrawal of University funding
d. Dismissal from University sanctioned programs including, but not limited to, the Honors Program, the Schreiner Teacher Education Program, athletics, sorority or fraternity membership, etc.

e. A defined period of suspension, with or without the attachment of conditions

f. Exclusion from the University

g. Notation on the official record

h. Revocation of an awarded degree

While any additional consequence(s) will be determined by the VPAA at his/her discretion, a first offense will usually result in no additional sanction, a second offense will usually result in one or more of those listed a-d above, while a third or subsequent offense will usually result in one or more of those listed e-h above. Second and subsequent offenses will become a part of the student’s permanent record.

4. Appeal of Additional Sanctions

A student who has received one or more sanctions for academic misconduct listed e-h above may appeal the sanction(s), in writing and within 10 business days, to the Admission Committee. The Admission Committee will then, in writing and within 10 business days, report to the student, the faculty member, and the VPAA a decision on the sanction(s). If the Admission Committee rules that the sanction(s) is (are) inappropriate, they will impose an alternative sanction or sanctions that cannot be appealed; otherwise, the sanction(s) will stand. The Admission Committee’s decision will be considered final.

ACADEMIC ADVISING

Each student entering Schreiner University is assigned an academic advisor to guide the student in the selection of courses and in solving problems relating to the college experience. The academic advising process allows the opportunity each term for personalized dialogue between faculty and students in which faculty members, with a thorough knowledge of the institution and its goals, attempt to perceive the needs of students and match those needs with available institutional resources. The advisor refers the new advisee to the appropriate sections of the Schreiner Catalog relating to major area of study, then, with the student, outlines and maintains on file a tentative degree plan. While the student is responsible for knowing and complying with catalog regulations and degree plans, the advisor serves as a valuable resource person and can minimize many difficulties through assisting the student in planning a course of study each term before registration.

ADD-DROP PROCEDURE

A student is allowed to add a course or change sections during an announced period within the first week of each term. After this period, and shortly after mid-term, courses dropped from a student’s schedule when official procedures are followed will be reflected by a W. After the stated date, courses may not be dropped. Check the University calendar regarding the last date to drop a course. Official procedures for schedule changes and dropping courses may be secured from the Registrar’s Office. All course changes and drops must be approved by the Registrar to become official.
WITHDRAWALS FROM THE UNIVERSITY

A student wishing to withdraw from the University within a term must complete a written withdrawal form in the office of the Registrar. A student may not withdraw from a term once the final examination period has begun.

The University expects that each student will remain in academic good standing, fulfill the expectations described in the Code of Student Responsibility, meet attendance requirements specified for each course, and maintain a satisfactory fiscal relationship with the University. The University reserves the right to suspend or require the withdrawal of a student who does not meet these standards or for whom separation is judged by the University to be in the best interest of the student, other students or the University.

Withdrawals become official as of the date the withdrawal form is initiated with the Registrar. Withdrawal will be noted as a "W" on the Official record.

For any students living on campus, room and meal charges will be assessed as long as services are rendered.

TRANSCRIPT OF RECORD

Only on the student’s signed, written request will transcripts of credits be provided. A transcript request will not be approved if the student’s financial account with the University is delinquent. Official transcripts of credits will be sent directly to designated persons or agencies. There is a transcript fee of $5.00 per transcript. Requests should not be made by FAX.

STUDENT PRIVACY

Schreiner University intends to comply with the federal Family Educational Rights and Privacy Act of 1974 and gives notice of the following:

1. The University’s intent not to disclose information in a student’s educational record to anyone except: (a) by prior written and signed authorization of the subject student, (b) as “directory information” (described below), and (c) under special circumstances specified in the act and applicable regulations.

2. The student’s right to inspect and review the educational records which are open to him or her under the law.

3. The student’s right to seek to amend his or her educational record if he or she feels it is inaccurate, misleading, or in violation of his or her rights. The procedure for such action is outlined in the Schreiner University Student Records Policy.

4. The student’s right to file a complaint with the United States Department of Education if he or she feels that Schreiner University has violated the Family Educational Rights and Privacy Act or the Schreiner University Student Records Policy. Before filing such complaint, the student will seek to resolve the issue within the procedure set forth in the Schreiner University Student Records Policy.

5. The student’s right to be informed of the Schreiner University Student Records Policy. The student may consult a copy of the Schreiner University Student Records Policy in the office of the Registrar.

The act provides that “directory information” may be released without prior consent if such information is defined beforehand and the student is given the opportunity to state that he or she does not want such information to be made available. The following information is defined by
Schreiner University as “directory information”: name, local and home address, local and home telephone number, Schreiner E-mail address, date and place of birth, photograph, parents’ (and/or spouse’s) name and place of residence, academic classification, fields of study (major, minor, certification, etc.), career goals and plans, participation in recognized activities and sports (including height, weight, and team position of member of athletic teams), dates of attendance, degrees and awards received (including dates), year of projected graduation for current students, and educational institutions previously attended. The University and its representatives on occasion take photographs for the University’s use in print and electronic publications. This serves as public notice of the University’s intent to do so and as a release to the University of permission to use such images as it deems fit. If there is an objection to the use of the photographs, a written notification must be filed in the Office of the Registrar. The University, at its discretion, may disclose any of these items without prior written consent, unless notified in writing to the contrary by September 1. Requests received after September 1 will be honored as rapidly and in so far as possible after receipt of such notification. Requests for non-disclosure will be honored by the University only until August 31 following; therefore, requests to withhold Directory Information must be filed annually with the Office of the Registrar.

Further information on the operation of this act may be obtained in the Office of the Registrar.

ACADEMIC ADJUSTMENTS/AUXILIARY AIDS FOR STUDENTS WITH DISABILITIES

The mission statement of Schreiner University affirms the college’s long-standing commitment to serve a diverse community. Included in this commitment are ongoing efforts to make the learning resources of the university accessible to students with disabilities. In accordance with Section 504 of the Rehabilitation Act of 1973, Schreiner University provides academic adjustments/auxiliary aids for students with physical/medical, learning, and psychological disabilities. Students desiring academic adjustments/auxiliary aids should contact the Director, Learning Support Services/Section 504 Coordinator, Schreiner University, Kerrville, 78028. Requests will be considered on a case-by-case basis.

Students requesting academic adjustments/auxiliary aids will be required to submit their requests in writing and to provide current, written documentation of the disability from a qualified professional. Only those requests which are supported by documentation and which do not compromise academic requirements essential to the program of instruction will be approved. Documentation requirements are:

LEARNING DISABILITIES: A psycho-educational or neuropsychological evaluation conducted by a licensed or certified psychologist, educational diagnostician or other appropriate professional which includes complete (including all subtest scores) results of widely accepted individually administered intelligence and achievement tests must be submitted. A clear statement indicating a diagnosis of ‘learning disabled’ must be included. Test results must support the diagnosis consistent with recognized discrepancy models or DSM-IV guidelines. An explanation of appropriate academic accommodations showing a clear relationship with the student’s particular disability should be included.

ATTENTION DEFICIT DISORDERS: An evaluation conducted by a physician or licensed psychologist which includes the questionnaires, interviews and observations used to identify the ADD or ADHD must be submitted. A summary should include information regarding the onset, longevity and severity of the symptoms, along with the functional limitations of the student and suggested academic accommodations.

PSYCHOLOGICAL DISABILITIES: Recent documentation prepared by a licensed mental health professional detailing the current Axis code diagnosis from the DSM-IV, the impact
such condition will have on the student’s academic activities and suggested academic accommodations must be submitted. Information regarding the onset, longevity and severity of the symptoms and medication history and current medication should be included.

MEDICAL AND PHYSICAL DISABILITIES: Current documentation of disabling medical and physical conditions and the resulting functional limitations prepared by an appropriate professional must be submitted. Recommended academic accommodations should be included. In the case of hearing impairments, an audiogram by a licensed audiologist showing evidence of a hearing loss must be submitted.

OTHER DISABLING CONDITIONS: Students who have disabling conditions that do not fall in one of the above categories will be considered on a case-by-case basis. Current documentation from a qualified professional providing a specific diagnosis and detailed support for the diagnosis must be provided. Information regarding functional limitations of the conditions and suggestions for academic accommodations should be included.

Documentation will be reviewed by the Section 504 Coordinator, in consultation with appropriate professionals as necessary, to determine the appropriateness of the request relative to the documentation. The Section 504 Coordinator will also determine, in consultation with instructors and faculty as necessary, whether academic requirements essential to the program of instruction will be compromised by approving the request.

THE CORE CURRICULUM

The core curriculum at Schreiner University has, as its foundation, the philosophy and purposes of the University. This curriculum is based on the position that students discover and assimilate knowledge in the context of thoughtful interactions among a diverse community. Specifically, the curriculum advances skills involving natural and/or physical science; information systems and literacy; quantitative analysis; cultural and foreign language awareness; social institutions and human behavior; critical thinking; and effective communication. The curriculum also addresses more general areas of health and wellness, aesthetic appreciation, and philosophical and/or spiritual awareness.

More specifically, the core curriculum is contained in various distribution requirements the University has built into its baccalaureate programs. Students are required to satisfy distribution requirements in the following areas:

- Mathematics, science and technology
- English communication
- Historical and cultural perspectives
- Culture, language and social institutions
- Individual fitness

In addition, students are required to complete a total of 10 semester hours of course work in Interdisciplinary Studies (IDST). The sequence, spread over four years, includes the following: IDST 1101, Freshman Studies; IDST 2305, Perspectives in Critical Thinking, IDST 3360, The Creative Experience and IDST 4340, Problems and Solutions in Global Society.

MAJOR/MINOR/SPECIALIZATION/CONCENTRATION

A major at Schreiner University consists of a minimum of twenty-four (24) advanced semester hours in addition to collateral and prerequisite courses (see discipline listing for specific courses). For a minor, a minimum eighteen (18) semester hours including collateral, prerequisite, and specified courses are required, twelve (12) of which must be advanced. A specialization consists of eighteen (18) specified hours in a subject area, nine (9) of which must be advanced. A concentration is at least twelve (12) specified advanced hours in a subject area.
SENIOR CAPSTONE EXPERIENCE

During the senior year of study, each baccalaureate candidate must undertake an academic capstone experience which carries three semester hours of course credit. This capstone experience may be in the form of a project, thesis, or course which will synthesize materials incorporated within a major, demonstrate communicative proficiency about the major, and indicate a high level of critical thinking within the major. Specific alternatives are listed in the discipline descriptions of this catalog. Participation in standardized testing may be required for satisfactory completion of this course.

Students planning to undertake a project or thesis must have a 3.00 GPA in the major or have written permission of the academic department. No later than mid-term of the term prior to enrolling in Senior Project 4399 students must set up a project or thesis committee consisting of two faculty members, one of whom must possess competence in the student’s field. In addition students must secure from the Registrar a thesis manual and secure approval of one member of the Committee to serve as the Project or Thesis Director. Students are allowed an extra semester to complete their projects or theses without registering. Failure to meet the completion deadlines may result in no credit for the thesis.

Candidates who major in Business may elect to substitute a professional internship in lieu of a thesis or project. Bachelor of Arts candidates who are pursuing EC-4 or 4-8 certification under the General Studies degree plan may substitute their student teaching experience for senior project or thesis.

SENIOR PROFESSIONAL INTERNSHIP

After earning ninety semester hours, each Bachelor of Business Administration student may undertake professional field employment which carries three semester hours credit. This field employment provides the opportunity for the student to apply prior learning to practical job experiences. The nature of the internship experience must be approved by the Director of Professional Internships. Participation in standardized testing may be required for satisfactory completion of this course.

SECOND BACCALAUREATE DEGREE

A student wishing to obtain a second baccalaureate degree must complete a minimum of thirty unduplicated additional semester hours of credit at Schreiner University, including at least nine advanced hours in the new major field of study and all Schreiner core, major, and degree requirements; the total number of additional credit hours offered for the second degree must be no less than thirty semester hours beyond all requirements for the first degree. Honors are not awarded for the second degree.

ALTERNATIVE MODES OF LEARNING/INSTRUCTION

In an effort to provide students with the greatest access and the greatest flexibility, Schreiner features alternative approaches to both learning and instruction. All semester course offerings from the catalog are scheduled with designated class meeting times and places. In addition, certain courses may be taken by students in the following ways:

* Directed Study Courses—these are specially designed, independent study courses listed neither in the catalog nor on the schedule but which nevertheless are deemed by a student and a sponsoring faculty member to be important to that student’s degree program. Students may enroll in such courses only after submitting a “contract” spelling out the rationale for the course as well as the content, objectives and assignments for the course. This contract must
be signed by the sponsoring faculty member, the student, student’s advisor, department chair, dean and by the VPAA. All work must be completed within the semester of enrollment.

* eLearning—these are courses listed in the catalog that utilize a hybrid education approach. The model merges the traditional teaching environment with technology. All courses are anchored with traditional textbooks and on-campus exams; however, all class lectures, assignments, and other class management activities are accessed and performed with a personal computer. eLearning is structured to be user friendly, in fact, students simply insert their eLearning course CD into a personal computer, read the course syllabus, review assignments, and begin reading and studying the assigned chapters. Next students view & listen to the course lectures. The lectures are PowerPoint slides with an integrated audio lecture by the course professors. Students have the flexibility to view and listen to lectures that fit their schedules. Also, some of the more difficult materials can be repeated to match individual students’ learning pace. After studying all the materials, students upload completed assignments to the Schreiner University’s eLearning course manager system. The course professor grades the assignments and provides feedback to the students. As noted in the course syllabus, eLearning students are required a minimum of three campus visits: 1) eLearning orientation, 2) mid-term exam, and 3) final exam.

* Conference Courses—these are courses listed in the catalog but not on the schedule. These courses may be offered upon request in order for a student to fulfill requirements that they are unable to fulfill with the regular course rotation. Under exceptional circumstances an after consultation with the faculty member who regularly teaches the course, a student may request such a course by submitting a completed conference course request form signed by the faculty member teaching the course, the student, student’s advisor, department chair, dean, and the VPAA. All work must be completed within the semester of enrollment.
DEGREES AND CERTIFICATES

Schreiner University awards a master degree: Master of Education (M.Ed.), four baccalaureate degrees: Bachelor of Arts (B.A.), Bachelor of Business Administration (B.B.A.), Bachelor of General Studies (B.G.S.), and Bachelor of Science (B.S.); an associate degree: Associate of Arts (A.A.); and a one-year certificate in vocational nursing.

In addition, courses are taught to prepare students for Teacher Certification, Graduate Teacher Certification and Principal Certification.

Application for graduation must be filed with the Registrar during the first two weeks of the term in which the student will complete degree or certificate requirements. For baccalaureate degrees, the student, in consultation with his or her academic advisor, should file a degree plan with the Registrar no later than the first term of the junior year; degree-seeking students who have an approved degree plan on file may remain under that degree plan if there is no interruption of enrollment longer than two years. Graduate students may remain under an approved degree program if there is no interruption of enrollment longer than two years. The requirements that the student must meet for graduation are those specified in the catalog declared by the student in his or her approved degree plan. The final responsibility for meeting graduation requirements rests with the student and not with the University.

REQUIREMENTS FOR DEGREES AND CERTIFICATES

All candidates for any degree or certificate must:

- apply for the degree or certificate through the process specified by the Registrar;
- complete requirements specified in the appropriate issue of the Schreiner University Catalog;
- earn a cumulative grade point average of at least 2.0 at Schreiner University and, if courses transferred from other institutions are offered for the degree, at least a 2.0 grade point average for all courses counted toward the degree;
- earn at least a 2.0 grade point average for all lower and upper level courses in the major taken at all institutions including Schreiner University.
- receive the approval of the faculty;
- fulfill all financial obligations to the University;
- participate in graduation exercises unless excused by the Vice President for Academic Affairs.

All challenge, transfer, and/or correspondence course work toward a degree must have prior approval by the Registrar and be completed, documented, and on file in the Registrar’s Office no later than the end of the term prior to the graduation term.

GRADUATE

Master of Education

Thirty-six (36) semester hours of credit as prescribed in:

- Block A—Instructional Leadership
- Block B—Curriculum and Instruction
- Block C—Organizational Leadership
Teacher Certification

Six (6) semester hours in a one-year internship or 12 weeks student teaching.

Principal Certification

Twenty seven (27) semester hours of credit in:

- Block C—Organizational Leadership
- Block D—Strategic Leadership

BACCALAUREATE

At least 120 semester hours of credit, including:

- Core requirements (see below)
- Major field of at least 24 (but no more than 48) advanced unduplicated semester hours of credit, usually including a Senior Capstone experience or a Senior Professional Internship (see Catalog section relating to the major field).

At least the last 30 semester hours of credit earned at Schreiner University, twelve of which must be advanced work in the major. (Does not apply to B.G.S. degree.)

Degree Plan, fully approved by University officials and specifying Catalog containing degree requirements that the student has completed.

BACHELOR OF ARTS

CORE:

- 3-4 hrs. mathematics
- 4 hrs. laboratory science
- 3 hrs. information systems (IS 2301)
- 6 hrs. English (ENGL 1301 and 1302)
- 3 hrs. communication (COMM 2301)
- 6 hrs. history
- 3 hrs. philosophy/religion
- 3 hrs. political science (POLS 2301)
- 8 hrs. in one foreign language
- 3 hrs. social institutions (economics, political science, psychology, sociology, or BSAD 1301)
- 3 hrs. literature, art, music, theatre
- 2 hrs. individual fitness (EXSI 1201)
- 10 hrs. interdisciplinary studies (IDST 1101, 2305, 3360, 4340)

MAJOR:

At least 24 advanced semester hours of credit as specified in the Catalog section describing that discipline. In most disciplines, these 24 hours will include a Senior Capstone experience. A student majoring in Business may complete a Professional Internship in lieu of a Senior Project. Bachelor of Arts candidates who are pursuing EC-6 or 4-8 certification under the General Studies degree plan substitute the student teaching experience for the senior capstone experience. No more than 48 advanced semester hours of credit in one major or area of concentration may be credited toward a degree. Majors available within the Bachelor of Arts degree are:
Biochemistry
Biology*
Business
Business Education*
Chemistry*
Communication Studies
Creative Arts
English*
Exercise Science*
General Studies (see below)

Graphic Design
History*
Humanities
Mathematics*
Music*
Political Science
Psychology
Religion
Sport Management
Theatre

* Preparation for certification to teach in the public schools of Texas is offered in Biology (life science), Chemistry, English (language arts), History, and Mathematics for grades 8-12; Business Education (6-12); in English, Language Arts and Reading, Mathematics, Mathematics/Science and Generalist for grades 4-8; Generalist in grades EC-6 and in Exercise Science and Music for all-level.

The General Studies major is a rational sequence of courses designed by the student and the student’s assigned academic advisor—and approved by the Registrar—to meet pre-professional requirements. As with other majors, the general studies major must include a minimum of 24 semester hours of credit in advanced courses work, including a Senior Capstone experience.

BACHELOR OF BUSINESS ADMINISTRATION

CORE:

3-4 hrs. mathematics (MATH 1311 or 2422)
4 hrs. laboratory science
3 hrs. information systems (IS 2301)
6 hrs. English (ENGL 1301 and 1302)
3 hrs. communication (COMM 2301)
6 hrs. history
3 hrs. philosophy/religion (PHIL 2311 recommended)
3 hrs. political science (POLS 2301)
8 hrs. in one foreign language
3 hrs. social institutions (BSAD 1301)
3 hrs. literature, art, music, theatre
2 hrs. individual fitness (EXSI 1201)
10 hrs. interdisciplinary studies (IDST 1101, 2305, 3360, 4340)
6 hrs. accounting (ACCT 2301 and 2302)
3 hrs. mathematics (MATH 3330)
6 hrs. economics (ECON 2301 and 2302)

COLLATERAL COURSES:
Vary with major

MAJOR:
At least 24 advanced semester hours of credit as specified in the section describing that major; these 24 hours will include a Professional Internship or project. No more that 48 advanced semester hours of credit in one major may be credited toward a degree. Majors available within the Bachelor of Business Administration degree are:
Accounting
Finance
Management
Management Information Systems
Marketing

BACHELOR OF GENERAL STUDIES

Schreiner University offers the degree Bachelor of General Studies (B.G.S.) in Applied Science for those who elect the Engineering Three/Two Dual Degree Program.

Requirements for the Schreiner portion of the Engineering Dual Degree Program are:

CORE:

- 3-4 hrs. mathematics
- 8 hrs. science (PHYS/CHEM)
- 3 hrs. information systems (IS 2301)
- 6 hrs. English (ENGL 1301 and 1302)
- 3 hrs. communication (COMM 2301)
- 6 hrs. history (HIST 1301 and 1302)
- 3 hrs. philosophy/religion
- 3 hrs. political science (POLS 2301)
- 8 hrs. in one foreign language
- 3 hrs. social institutions (POLS 2302)
- 3 hrs. literature, art, music, theatre
- 2 hrs. individual fitness (EXSI 1201)
- 10 hrs. interdisciplinary studies (IDST 1101, 2305, 3360, 4340)

COLLATERAL COURSES:

- 3 hrs. ENGR 1310
- 8 hrs. science (PHYS/CHEM)
- 3 hrs. IS (2310)
- 14 hrs. MATH (2423, 3324, 3425 and 3312 or 4326)

BACHELOR OF SCIENCE

CORE:

- 8 hrs. mathematics (MATH 2422 and 2423)
- 8 hrs. science
- 3 hrs. CHEM/BIOL 2302
- 3 hrs. information system (IS 2301)
- 3 hrs. English (ENGL 1301)
- 3 hrs. communication (COMM 2301)
- 3 hrs. history
- 3 hrs. philosophy/religion
- 3 hrs. political science (POLS 2301)
- 8 hrs. in one foreign language
- 3 hrs. social institutions (economics, political science, psychology, sociology, or BSAD 1301)
- 3 hrs. literature, art, music, theatre
- 2 hrs. individual fitness (EXSI 1201)
- 10 hrs. interdisciplinary studies (IDST 1101, 2305, 3360, 4340)
MAJOR:
At least 24 advanced semester hours of credit as specified in the catalog section
describing that discipline. In most disciplines, these 24 hours will include a Senior
Capstone experience. Majors available within the Bachelor of Science degree are:
- Biochemistry
- Biology
- Chemistry
- Exercise Science
- Mathematics

ASSOCIATE DEGREES
Schreiner University offers an associate degree program that requires approximately two years
of full-time class work. It is intended primarily for the student who does not wish to devote
the time required for baccalaureate study, but who is interested in acquiring education beyond
the high school level. The Coordinating Board for the Texas College and University System
has approved core curricula to facilitate transfer to state universities of credits earned during
the first two years of college.

ASSOCIATE
To earn an associate degree, a student must complete at least 64 semester hours of academic
work, 30 semester hours of which must be completed at Schreiner.

ASSOCIATE OF ARTS
- 6 hrs. English (ENGL 1301, 1302)
- 3 hrs. communication (COMM 2301)
- 4 hrs. laboratory science
- 3 hrs. mathematics
- 3 hrs. information systems
- 3 hrs. history
- 3 hrs. political science (POLS 2301)
- 3 hrs. philosophy or religion
- 2 hrs. individual fitness (EXSI 1201)
- 4 hrs. interdisciplinary studies (IDST 1101, 2305)
- 30 hrs. electives

CERTIFICATE IN VOCATIONAL NURSING
Students who successfully complete the prescribed twelve-month program are awarded a
Vocational Nursing Certificate and are eligible to write the State Board Examination for
Licensed Vocational Nurses. The program is accredited by the Board of Nursing and by the
Texas Education Agency. See section on vocational nursing for listing of required courses, all
of which must be completed satisfactorily for eligibility to receive the certificate.

COMPETENCIES
Schreiner University expects its students to acquire certain minimal competencies in order to
receive each degree or certificate. They are as follows:

For Master of Education:
(a) promote learning theory pedagogy;
(b) emphasize professional ethics application;
(c) provide the knowledge of the Code of Ethics and Standard Practices for Texas Educators;
(d) provide opportunity for personal and social growth;
(e) provide an atmosphere for the sharing of ideas;
(f) utilize creative problem solving;
(g) develop an understanding of human development and learning pedagogy;
(h) utilize a critical thinking process for evaluating instruction;
(i) systematically assess curriculum and instruction for effectiveness;
(j) facilitate effective use of time;
(k) use ongoing assessment to assess professional development needs;
(l) utilize self-assessment strategies;
(m) respect the talents of all individuals;
(n) communicate effectively;
(o) develop the skills required of an active listener;

For Baccalaureate Degrees:

(a) Understand the nature, methods, and impact of science and technology.
(b) Use the English language effectively in reading the works of others and in expressing knowledge and their own thoughts orally and in writing.
(c) Identify the sources of their national and cultural distinctiveness and critically explore the history and relationship of this culture to the world around them.
(d) Understand the diversity of human behavior and the impact of culture, language, and social institutions in a modern world.
(e) Perceive the importance of developing a holistic view of life that is necessary for living “purposeful, humane, and productive lives in their work, faith groups, families, and communities.”

For Associate of Arts Degrees:

(a) reading, writing and communicating orally in English;
(b) fundamental mathematical skills;
(c) the understanding of the nature, methods and the impact of science and technology;
(d) identifying one’s personal values, the personal values of others and the impact of personal values on how decisions are made;
(e) the foundation of a chosen discipline or major;

For the Certificate in Vocational Nursing:

(a) Ability to communicate effectively, both verbally and through proper documentation, with patients, their families and other members of the health care team.
(b) Knowledge of fundamental mathematical skills demonstrated by the ability to calculate dosages in medication administration.

(c) Knowledge and understanding of normal human anatomy and physiology with the ability to recognize variations with disease and disorder.

(d) Ability to critically analyze client needs and effectively formulate problem-solving nursing interventions using the nursing process.

(e) Recognition of the diversity of human behaviors based on personal values, cultural, ethnic or religious beliefs and practices and demonstrate an understanding of the impact on patient care.

(f) Ability to perform basic nursing care with adherence to the moral and ethical standards of the nursing profession and within the legal framework of the Vocational Nurse Act.
SPECIAL ACADEMIC PROGRAMS

SCHREINER UNIVERSITY HONORS PROGRAM

Mission

The Honors Program provides personalized learning experiences to meet the needs and interests of academically aggressive college students by offering:

• Courses designed to engage students in a dynamic liberal arts education.
• Co-curricular opportunities to enhance students’ intellectual, social, and cultural development.
• Standards advantageous for graduate and professional school admission.

Requirements for Admission

• Cumulative GPA of 3.50.
• Leadership experience and extracurricular activities.
• Completion of applications.

Incoming freshmen who express an interest in the Honors Program may enroll in the Freshman Honors Community.

Upon the recommendation of Schreiner University Faculty, the Honors Program invites sophomores into the program as provisional students. During this provisional semester, the sophomores enroll in IDST 1105, Honors Seminar, in the fall term and they complete their application portfolio.

The Provisional Semester and Honors Induction

At the end of their provisional semester, students who fulfill the expectations of the Honors Program and remain interested in Honors Program opportunities will be nominated for formal induction into the program during its annual ceremony.

Curriculum

All Honors students enroll in at least one Honors course each semester. They may take a scheduled honors course, enroll in a contracted honors course, study abroad or participate in other approved off-campus programs or internships.

Graduating as a Schreiner Honors Scholar

To graduate from the Honors Program, a student must have a cumulative GPA of 3.50, have participated in the Honors Program for at least the last four consecutive semesters, have completed one semester in the Honors Colloquium (IDST 3205), and have maintained academic integrity in all university coursework.

Honors Opportunities

Each semester, the Honors Program sponsors excursions designed to provide personal, social, and/or cultural enrichment for its students. In the past, these activities have included private luncheons with distinguished guests, star-gazing, overnight excursions and cultural events, such as musical and theatrical performances. In addition, the Honors Program hosts discussion luncheons that engage honors students with program peers.
Ring Ceremony

The Honors ring ceremony celebrates the honors students’ academic achievement and their unique relationship to Schreiner University in a formal evening event. At this event, faculty members present the students with a custom-designed Honors Program graduation ring. To receive the Schreiner Honors Scholar ring, the graduating Honors senior must have a cumulative GPA of 3.50, have participated in the Honors Program for at least the last four consecutive semesters, have successfully completed with a grade of C or higher, one semester in the Honors Colloquium, and have maintained academic integrity in all university coursework. Honors students who fail to meet all of these criteria must return their Schreiner Honors ring.

Continued Eligibility

To remain in good standing in the Honors program, students must:

- Meet cumulative 3.50 GPA requirements.
- Exhibit academic and social integrity. A breach in acceptable conduct, such as a violation of academic integrity, including academic dishonesty or serious violations of state or federal laws, will be cause for dismissal from the program. The Faculty Honors Committee will consider each case individually.
- Submit required course designation forms and course contracts by the established deadlines. Failure to meet these deadlines will result in probation or dismissal.
- Complete Honors courses. A grade of F for an honors-designated course or failure to complete the honors component of contracted course is grounds for dismissal. If a student is dismissed from the Honors Program, he must return his Schreiner Honors Scholar ring.

Honors Probation

Students who fail to fulfill program standards will have one semester on Honors Academic Probation before being dismissed from the program.

SCHREINER TEACHER EDUCATION PROGRAM (STEP)

The Schreiner student preparing to teach in Texas public schools may complete the Bachelor of Arts degree and work toward teacher certification by meeting the admission criteria listed and completing satisfactorily the appropriate professional education sequence outlined in the chosen degree plan.

Texas Certification Programs are based upon four (4) components:

1. General Education: 42-48 semester hours including
   - 9-12 hrs. English (six semester hours in mechanics and composition
     ENGL 1301, 3307)
   - 3 hrs. speech (COMM 2301)
   - 6 hrs. American history (from HIST 1301, 1302, 2303)
   - 3 hrs. political science (POLS 2301)
   - 4 hrs. natural science (laboratory)
   - 3 hrs. mathematics (MATH 1310 or above)
   - 3 hrs. computing and information technology
   - 3 hrs. fine arts

2. Education Professional Development Courses (EDUC, EPSY, RDNG): 18 upper division, semester hours.
3. Teaching field(s) or specialization: 18-30 semester hours in specified course work. Courses must reflect content which includes the Texas Essential Knowledge and Skills (TEKS) to be taught to public school students.

4. Competency Texas Higher Education Assessments Tests (THEA). Each student must make an acceptable score on all three parts (Reading, Writing, Mathematics) prior to being admitted to the Schreiner Teacher Education Program. Students are not permitted to register for upper level EDUC, EPSY, RDNG courses prior to formal admission into the Teacher Education Program.

Each student must pass a state test in each teaching field or elementary specialization and professional development to be eligible for certification by the state.

Note: Additional course work beyond the minimum number of semester hours indicated above may be required of post-baccalaureate and transfer students seeking certification. Post-baccalaureate applicants must have a bachelor’s degree from an accredited university/college as documented by an official transcript and an overall grade point of at least 2.75 on a 4.00 scale. Schreiner University may accept transfer hours for EDUC, EPSY, RDNG (education professional development courses) only with the approval of the Registrar and the teacher education faculty. A catalog course description must be provided for any course being considered for transfer.

Schreiner offers the following approved Programs for initial certification under the administrative functions for the certification process conducted by the Educator Certification and Standards Division of the Texas Education Agency (TEA).

APPROVED TEACHING FIELDS (GRADES EC-12) ALL-LEVEL
Exercise Science (Physical Education)
Music

APPROVED TEACHING FIELDS (GRADES EC-6) ELEMENTARY
Generalist

APPROVED TEACHING FIELDS (GRADES 4-8) MIDDLE SCHOOL
English, Language Arts and Reading
Generalist
Mathematics
Mathematics/Science

APPROVED TEACHING FIELDS (GRADES 6-12)
Business Education

APPROVED TEACHING FIELDS (GRADES 8-12) SECONDARY
Biology (Life Sciences)
Chemistry
English (Language Arts)
History
Mathematics

Application for admission to the Teacher Education program should be made at the end of the sophomore year. The admission process assures both the candidate and the University that the applicant shows evidence of having the attributes necessary for success in a program of professional preparation. Application forms are available in the office of the Director, Teacher Education. For additional information, consult the STEP Handbook.
Admission to Teacher Education

The Teacher Education Committee reviews applications for the teacher education program and recommends approval at the end of the semester prior to admission based on the following criteria:

1. Junior standing or above, or post baccalaureate standing.
2. Passing the THEA with scores of 220 in writing, 230 in reading and 230 in math.
3. GPA: minimum 2.75 in each teaching field/specialization and minimum 2.75 cumulative.
4. A signed copy of the TEA/SBEC Teacher’s Code of Ethics.
5. Completion of IDST 2305 with a C or better, by end of Junior year. (not for post-baccalaureate)
6. Successful review of the application portfolio including:
   • Completed application
   • Appropriate recommendations/character references/continued evidence of personal and professional qualities necessary for success as a classroom teacher.
   • Biographical sketch written without references or supplemental notes
   • Essay on philosophy of teaching written outside of class
7. Oral interview with Director of Teacher Education or desigee
8. A student admitted to the Teacher Education Program may request to substitute experience and/or professional training directly related to the certificate being sought for part of the preparation requirements. The request must be reviewed and if appropriate be approved by an appointed faculty committee.
9. A student may only apply two times to the STEP program.
10. A student may be denied admission to STEP on the grounds of any of the preceding criteria.

Admission to Student Teaching

After admission to Teacher Education and successful completion of certain required courses in the professional education sequence, students seeking certification must apply for admission to Student Teaching. Application forms are available in the office of the Director of Teacher Education. These should be completed and returned no later than midpoint of the spring semester prior to the student’s senior year.

The Teacher Education Committee reviews application for student teaching during the spring semester and recommends approval at the end of the spring semester prior to the student’s senior year based on the following criteria:

1. Admission to teacher education.
2. Senior or post-baccalaureate standing.
3. GPA: minimum 2.75 in each teaching field or specialization; minimum 3.00 in education professional development course work (EDUC, EPSY, RDNG); and a minimum 2.75 cumulative.
4. Recommendation of faculty in each teaching field.
5. Continued evidence of personal and professional qualities necessary for success as a classroom teacher.
6. A student may be denied admission to the student teaching program on the grounds of any of the proceeding criteria.

Recommendation for Certification

During the term in which certification requirements are met, an official application from the Educator Certification and Standards Division of the Texas Education Agency (TEA) must be completed. It is the responsibility of the student to complete the on-line application.

The Schreiner certification officer recommends certification only after the following criteria have been met:

1. Completion of Bachelor of Arts degree and certification requirements as outlined on degree plan and required by the Educator Certification and Standards Division of the Texas Education Agency (TEA).
2. Grade of “B” or better in student teaching/internship programs.
3. Satisfactory level of performance on all sections of all appropriate Professional Development exams as set by state standards.

NOTICE: In accordance with Article 6252-12c, Texas Civil Statutes, the Commissioner of Education may refuse to issue a teaching certificate for persons convicted of felony and misdemeanor crimes which directly relate to the duties and responsibilities of the teaching profession. Applicants for Texas Certificates will be screened for a record of felony or misdemeanor convictions through the Texas Department of Public Safety. Potential applicants may wish to contact the Certification Officer regarding concerns about this Texas requirement.

SCHREINER UNIVERSITY GRADUATE EDUCATION PROGRAM

Schreiner University offers a Master of Education degree. Teacher and Principal Certification are available with additional work to the Master of Education degree. Admission requirements for graduate study at Schreiner University are designed so that the students admitted will have a high probability of success in the graduate-level academic work. Graduate study is much more than a mere continuation of undergraduate work and should be considered only by those students with the capacity for independent thought and investigation. There are additional admission requirements for students seeking Principal Certification.

Student Requirements. To participate in the program, the student must:

• Have a computer with access to the Internet and E-mail.
• Work as a participating member of a collegial team.
• Be an active participant in a variety of learning experiences which require role playing and actual performance activities.
• All course work must be completed within five years.
• Complete all program requirements.
• Maintain a grade point average of at least 3.0 in all graduate course work and earn no more than 6 hours of “C” or below in the graduate program.
The Master of Education degree has three required block components:

**Block A** Instructional Leadership 12 hours
- EDUC 5301 Diverse Leaders in the General Education Classroom
- EDUC 5313 Research-Based Instruction and Supervision of Learning
- EDUC 5323 Learning Theory and Child Development
- EDUC 5324 Assessment and Measurement of the Learner

**Block B** Curriculum & Instruction 12 hours
- EDUC 5303 Curriculum and Instruction
- EDUC 5304 Educational Research
- EDUC 5305 Pedagogy and Professional Responsibility
- EDUC 5341 Advanced Content Reading Strategies

**Block C** Organizational Leadership 12 hours
- EDUC 5312 School/Community Relations and Collaboration
- EDUC 5642 Thesis
- EDUC 6302 Educational Theory and Leadership
- Teacher Certification

**Block C** Organizational Leadership 12 hours
- EDUC 5312 School/Community Relations and Collaboration
- EDUC 5321 School Based Operational Strategies
- EDUC 5340 Advanced Diagnostic and Corrective Reading
- EDUC 6302 Educational Theory and Leadership

**Block C** Organizational Leadership 12 hours
- EDUC 5307 Internship I: Graduate Teacher Certification
- EDUC 5308 Internship II: Graduate Teacher Certification
- OR
- EDUC 5601 Internship: Graduate Student Teaching
- Principal Certification

**Block D** Strategic Leadership 15 hours
- EDUC 5311 Educational Resources and Finance in Public School Program
- EDUC 6301 School Law
- EDUC 6312 School Business Administration
- EDUC 6604 Administrator Internship

**STUDY ABROAD PROGRAMS**

Schreiner University’s International Studies Program enables students to spend a semester abroad. Students can spend semesters in several locations doing an immersion study of the language and culture of that country. In addition, Schreiner offers faculty-led winter and summer travel trips abroad.

Students in these programs are considered under concurrent enrollment for financial aid purposes and for Schreiner credit. They are eligible to apply for financial aid to help cover program costs. The application deadline is November 30 of the year prior to the year of intended study.

**GREYSTONE AT SCHREINER**

The Greystone Preparatory School is an academy preparatory program designed for students reapplying for admission to the Naval, Military, Air Force, Coast Guard and/or Merchant Marine academies. All Greystone students are enrolled as full-time students at Schreiner and live on campus while participating in the program.
PRE-RN (PRN) PROGRAM

Schreiner University and San Antonio College have an agreement that allows a Licensed Vocational Nurse (LVN) to become an Associate Degree Nurse (ADN) through a career mobility program. The academic course work should be completed at Schreiner prior to enrolling in nursing classes through San Antonio College. After successful completion of all work the student may earn an Associate of Applied Science degree and be eligible to take the RN licensing exam.

THE CHRISTIAN VOCATIONS INTERN PROGRAM

In order to nurture Christian discipleship among Schreiner University students, to respond to students’ needs, to provide “whole-person” educational opportunities, and to encourage service to the Church, the Christian Vocations Intern Program (CVIP) has implemented an experiential, field-oriented, learning and serving program under the supervision of trained mentors and teachers. The CVIP is dedicated to providing the opportunity for students to integrate their faith and academic learning by using both in practical settings to prepare themselves to be Christian leaders throughout their lives and to consider the possibility of a call to service in the church.

Students must take a minimum of 12 semester hours in the field of religion including Old and New Testament. In addition, a minimum of 6 semester hours in either education, psychology, or business administration are required in order to enroll in the internship course during the senior year. Students will be given individualized assistance in planning their course options during their time at Schreiner University. Extra-curricular opportunities will be offered to enhance the students’ study and growth towards a vocational choice.

CENTER FOR INNOVATIVE LEARNING

The Center for Innovative Learning is the coordinating body for a wide range of activities that complement and enrich the university’s formal educational program. These activities include musical and literary events, scientific and artistic forums, and a wide range of other events that provide the University community and citizens of the Texas Hill Country the opportunity to participate in a stimulating learning experience.

PRE-PROFESSIONAL CURRICULA

Those students who are to become lawyers, physicians, dentists, clergy, or teachers, or who are to go on to graduate study in any field, should be among the University’s most capable graduates, fulfilling to a high degree its stated aims. Consequently, the preprofessional curricula at Schreiner are broad, thorough, and liberal, designed to qualify the student for entrance into graduate or professional schools as well as to give him the finest possible basis for his professional study and career. As early as possible the student should discuss with his academic advisor the entrance requirements of the particular graduate or professional school he wishes to enter.

PRE-MEDICAL, PRE-DENTAL AND PRE-VETERINARY PROGRAMS

Most students seeking admission to medical, dental or veterinary schools major in biology, biochemistry or chemistry. However, a major in a science discipline is not required by Texas medical, dental and veterinary schools. Pre-requisites may be met with either a Bachelor of Science or a Bachelor of Arts degree plan, but a BA degree may require additional courses to meet all requirements. Students who choose majors in non-science disciplines must be careful to meet all requirements for admission, therefore it is important that they discuss their plans with their academic advisor as soon as possible. Medical and Dental schools require 8
hours of freshman biology, 8 hours of inorganic (general) chemistry, 8 hours of organic chemistry, 8 hours of calculus, 8 hours of physics and 6 hours of English. Veterinary schools require 4 hours of freshman biology, 4 hours of microbiology, 3 hours of genetics, 3 hours of nutrition, 8 hours of inorganic chemistry, 6 hours of organic chemistry, 3 hours of calculus and 8 hours of physics. In choosing courses and the major, students preparing to apply to medical, dental or veterinary school should keep two objectives in mind: (1) to secure a broadly based cultural background and (2) to master the necessary skills for an alternative career.

PRE-LAW STUDIES

The academic requirement for admission to law school is satisfied by all baccalaureate degree programs offered at Schreiner. While many students major in history, business administration, English, accounting, or general studies—political science (pre-law track) as a base for pre-law education, no law school specifies particular courses or curricula as prerequisite to admission. Most require only a baccalaureate degree and an acceptable score on the Law School Admission Test (LSAT).

The Pre-law Handbook, published by the Association of American Law Schools and the Law School Admission Council, states that pre-legal education should develop oral and written comprehension and expression as well as creative thinking and critical understanding of human values and that no one discipline is uniquely concerned with those objectives. Therefore, pre-law students should strive for development of their own capabilities within the areas of their greatest interest. Interested students should contact their academic advisor in their first year at Schreiner for assistance in designing a suitable program.

PRE-SEMINARY

The bachelor’s degree is required for admission to an accredited theological seminary. A broadly based undergraduate education is the best preparation. Neither specific courses nor a particular major field is required. It is recommended that some courses beyond the minimum requirement be taken in religion and philosophy. At Schreiner, students pursuing careers in the ministry tend towards choosing a major in religion.

PRE-PHARMACY

Students planning the study of pharmacy should enroll in biology, chemistry, English, economics, and mathematics in the freshman year. The sophomore year should include English, history, organic chemistry, physics, and political science or biology.

ENGINEERING THREE-TWO DUAL DEGREE PROGRAM

Schreiner University offers a dual-degree engineering program in conjunction with universities that offer baccalaureate degrees in engineering. Under the 3-2 plan a student spends three years at Schreiner and two years at the senior engineering university. After successful completion of all requirements at Schreiner (minimum of 90 semester hours of credit) and thirty upper-division hours in engineering, the student is eligible for the Bachelor of General Studies (B.G.S.) degree from Schreiner University. After the fifth year the student completes requirements in his or her engineering major and is eligible for a second baccalaureate degree (engineering specialty) from the engineering school. Most of Schreiner’s engineering students choose to attend Texas A&M University, the University of Texas at Austin or Texas Tech University.

The 3-2 program is designed for students who wish to have a well-rounded background in the
liberal arts, as well as professional preparation in engineering. During the third year at Schreiner, students complete requirements in interdisciplinary studies, English, mathematics, sciences, social sciences, humanities, and computer studies. This background may prove to be extremely valuable as the engineering student communicates with others and relates his or her work in a technical field to society as a whole.

Each student receives personalized advising at Schreiner University regarding specific engineering fields. At least once each semester the student meets with the engineering advisor for scheduling of classes and assessment of coursework in the degree plan. The expected time to complete both baccalaureate degrees in the 3-2 program is five years based on a course load of 16-17 credit hours per semester. A student may choose to spend more time (or less) at either Schreiner or the engineering university. Since degrees vary from college to college, it is the responsibility of the student to check specific requirements at the college to which he is transferring. See DEGREE REQUIREMENTS section of this catalog for further information.
**AREAS OF INSTRUCTION**

The numbers of the courses give information that may be useful in planning your schedule. The first digit indicates the rank of the course; “0” is considered non-degree credit; “1” or “2” are considered lower-level courses, while “3” or “4” indicates an upper-level or advanced course. At least junior-level standing is usually required for enrollment in advanced courses. Courses with a “5” or “6” as the first digit are graduate level courses. The second digit indicates the number of semester hours to be earned. Many science and art courses require both lecture hours and laboratory or studio. They are indicated as follows: (3-4). This means that the first number, “3” indicates the number of lecture hours, while the second number “4” shows the laboratory hours required. If two course numbers appear for a course, the one in parentheses is the number used by the Texas Common Course Numbering System.

Schreiner University reserves the right to make changes in course offerings at any time. A course for which there is insufficient enrollment may not be offered.

**ACCOUNTING (ACCT)**

The Bachelor of Business Administration degree (B.B.A.) is awarded to students who complete the requirements for a major in Accounting. This major provides the necessary background for many employment opportunities. Accounting graduates work in public, private or governmental accounting or as financial managers or consultants where they audit businesses and other organizations, prepare tax returns, and assist in business and investment decisions.

Schreiner University requires only 126 hours for a B.B.A. degree with a major in Accounting, including 33 hours of advanced accounting courses. To sit for the CPA examination in Texas, 150 total baccalaureate hours including 33 in advanced accounting are required. The following courses comprise the 33 hours of advanced Accounting: ACCT 3301, 3302, 3303, 3304, 3305, 3306, 4301, 4303, 4306, 4307, 4398.

Generally, students who intend to major in Accounting should enroll in the following courses during the freshman and sophomore years: MATH 1311 and 2422, IS 2301, ACCT 2301, 2302, ECON 2301, 2302, and PHIL 2311.

2301. (2301) INTRODUCTION TO FINANCIAL ACCOUNTING

This is an introduction to financial accounting that focuses on the preparation and understanding of accounting reports prepared for investors, financial analysts, creditors and other external users. Generally accepted accounting principles and other basic accounting concepts are studied. Prerequisite: MATH 1310 or consent of instructor.

2302. (2302) INTRODUCTION TO MANAGERIAL ACCOUNTING

This is an introduction to managerial accounting that focuses on the preparation and understanding of accounting reports prepared for managers and other internal users. Concepts covered include cost accounting methodology, relevant cost analysis, cost behavior, cost-volume-profit analysis, activity-based costing, operational and capital budgeting. Prerequisite: ACCT 2301.

3301. INTERMEDIATE ACCOUNTING I

This is an intensive study of financial accounting and the preparation of financial accounting reports. Concepts covered include the accounting cycle, Conceptual Framework of Accounting Theory, income statement preparation, accounting for current and long-lived assets, present value computa-
tions and applications. Prerequisites: ACCT 2302 with at least a grade of “C” and MATH 1311 or 2422.

3302. INTERMEDIATE ACCOUNTING II
This course is a continuation of ACCT 3301 and covers such topics as valuation of liabilities and investments, financial reporting for stockholder’s equity, and income recognition and measurement of net assets. Prerequisite: ACCT 3301 with at least a grade of “C”.

3303. INTERMEDIATE ACCOUNTING III
This course is a continuation of ACCT 3302 and covers such topics as accounting for income taxes, post employment benefits, leases, the statement of cash flows, and accounting for changes and errors. Prerequisite: ACCT 3302 with at least a grade of “C”.

3304. COST ACCOUNTING
This is a study of advanced cost-accounting systems, including cost behavior, cost allocation, unit cost determination, activity costing and cost-volume-profit analysis. Prerequisite: ACCT 2302 with at least a grade of “C”.

3305. FUNDAMENTALS OF INDIVIDUAL INCOME TAX
This is an introduction to the basic principles and concepts of individual federal income taxation. Emphasis on tax planning and preparation for tax problems. A minimum of one credit hour of this course will be devoted to tax research and analysis. Prerequisite: ACCT 2302.

3306. CORPORATE AND PARTNERSHIP TAXATION
This course covers the fundamentals of corporate and partnership federal income taxation. Includes corporate reorganizations, liquidations, partnerships, and “S” corporations. A minimum of one credit hour of this course will be devoted to tax research and analysis. Prerequisite: ACCT 3305 or consent of instructor.

3330. INFORMATION SYSTEMS THEORY AND PRACTICE
This is an overview of information systems theory and practice, including information and organizational systems, planning and implementation, decision theory, information theory, project management, quality control, human-computer interface, network administration, client/server computing and database management. Prerequisites: IS 2320 and 2330 or consent of instructor. See IS 3330.

3331. SYSTEMS ANALYSIS AND DESIGN
This course provides an understanding of the information system development and modifications process, including evaluation of system development methodologies, understanding effective communication and integration with users and user systems, developing interpersonal skills with clients, users and team members and the adherence to systems development life cycle standards. Hands-on experience with object-oriented analysis and design and data modeling tools. Prerequisites: IS 2320 and 2330 or consent of instructor. See IS 3331.

4301. ADVANCED ACCOUNTING
This course covers business combinations, consolidated financial statements, and accounting for governmental and not-for-profit organizations. Prerequisite: 18 hours of accounting including ACCT 3302 with at least a grade of “C”.

4303. AUDITING THEORY AND PRACTICE
This is an introduction to the concepts, standards, and techniques employed by independent public
accountants in the examination of and reporting on financial statements. A minimum of one credit hour of this course will be devoted to accounting and business communications. Prerequisites: 18 hours of accounting, including ACCT 3302 with at least a grade of “C”.

4306. ETHICS & PROFESSIONAL RESPONSIBILITIES FOR ACCOUNTANTS
This course is a study of the ethical concepts and considerations that govern the day to day activities of a professional accountant, with emphasis placed on professional responsibilities as prescribed by various governing bodies. This course meets requirements of the Texas State Board of Public Accountancy. Prerequisites: Senior standing and PHIL 2311 or consent of instructor.

4307. FRAUD EXAMINATION
This course covers occupational fraud, how the workplace environment contributes to fraud, and methods for detecting and deterring fraud using methodologies mainly developed by the Association of Certified Fraud Examiners. Prerequisite: ACCT 3303 or consent of instructor.

4370. TOPICS IN ACCOUNTING
This is a selected topics in the field of accounting, auditing, or taxation. Topics will vary; course may be repeated when topics vary. Prerequisite: As required by instructor.

4395. READINGS IN ACCOUNTING
Students will research, read, analyze, and report on subjects not offered as regular courses. Prerequisites: Senior standing and consent of instructor.

4397. SENIOR SEMINAR IN ACCOUNTING
This is a review and study of concepts and applications in areas of accounting theory, auditing, taxation and business law using related problems, cases and pronouncements. Prerequisites: Senior standing with 24 hours of upper level hours in accounting or consent of instructor.

ART
The Visual Arts Department seeks to provide students an environment contributing to creative research and exploration through traditional studio disciplines as well as new media. Emphasis is placed on developing student creativity through individual problem-solving in foundation courses that are designed to introduce format elements and principles, materials and techniques, and the development of concepts. Upper division courses provide continued study of specific media, advanced compositional and conceptual problems, and the development of related and marketable skills. Students are encouraged to develop an interdisciplinary approach to learning by recognizing the many relationships existing between the visual arts and other disciplines.

The department facilitates cognitive and creative growth outside the classroom by offering significant travel opportunities to its majors as well as all Schreiner students. Most noteworthy is the summer study abroad experience, four weeks in Florence, Italy. Additionally, the department sponsors regional and national trips to museums, cultural events, and professional organizations. The department’s graphic design program is recognized for its real-world client work,
which introduces students to client jobs that build a strong portfolio, networking, and client list. There is a student group of the AIGA (American Institute of Graphic Artists) that provides leadership and career development opportunities. The department offers two degree tracks in graphic design: Print and Electronic Media. Both tracks provide the student with introductions to print-based design and electronic media design but then each allows the student to take advanced courses in their specific area of interest. All majors are required to prepare a professional portfolio, engage in a professional internship, and write a senior thesis that is their guide for the production and exhibition of a senior show.

**Graphic Design-all tracks:** ART 1301, ART 1302, ART 1320, ART 1350, ART 2304, ART 2330, ART 2340, ART 2341, ART 2350, ART 2360. Advanced courses that comprise a major in Graphic Design-all tracks are: ART 3301, ART 3350, ART 4360, ART 4398, ART 4399, BSAD 3320.

**Graphic Design-Print Media track:** ART 3330, ART 4302, ART 4310, ART 4351.

**Graphic Design-Electronic Media track:** ART 3310, ART 3312, ART 3322, ART 4312.

**NOTE:** All courses except ART 2340 and ART 2341 require students to purchase materials and tools to be used for class assignments.

**1301. PRINCIPLES OF TWO-DIMENSIONAL DESIGN**
This is a studio course concentrating on the elements and principles of two-dimensional design intended primarily for the design major, but it also fulfills the fine arts requirement for the core curriculum and for certain other degrees. This is NOT recommended for non-Art majors. While the emphasis will be on studio exercises and problems, other instructional methods will include lecture, demonstration, audio/visual presentations, guest lectures, and field trips. A studio supplies fee will be assessed. (3-3).

**1302. PRINCIPLES OF DRAWING**
This is a studio course concentrating on the development of basic drawing skills, use of materials and the organization of composition on the picture plane. This is NOT recommended for non-Art majors. A studio supplies fee will be assessed. (3-3).

**1320. PRINCIPLES OF THREE-DIMENSIONAL DESIGN**
This is a studio course concentrating on elements and principles of visual organization applied to three-dimensional concepts and their exploration within spatial environments. Students solve problems by organizing and constructing three-dimensional forms. This is NOT recommended for non-Art majors. A studio supplies fee will be assessed. (3-3).

**1340. INTRODUCTION TO THE VISUAL ARTS**
This course offers a diverse investigation of art and culture from the historical and contemporary perspectives. It is a discussion of the contributions of the arts to the understanding of aesthetics, observation of historic styles, traditional and contemporary techniques, and the influence of cultural media. More time is allotted for this course to allow for field trips and assignments in various media. This is an introductory art class recommended to fulfill the core fine arts requirement for non-art majors.

**1350. COLOR THEORY**
This course surveys basic knowledge of color theory useful to a number of applied fields, including painting, design, theater, photography, ceramics, computer graphics, psychology, and marketing. Instructional methods will include lecture, demonstration, audio/visual presentations, studio exercises, guest lectures and field trips. It is required for the graphic design degree and fulfills the core fine arts
requirement for most degree plans. This is NOT recommended for non-Art majors. Some art supplied are required.

2304. COMPUTER ILLUSTRATION
This course explores the methods and techniques of computer-generated and/or manipulated images as solutions to illustration projects. Vector graphics and object-oriented system programs are utilized with an emphasis on the development of illustration for print and multi-media using digital processes. Compositional development, visual problem-solving, verbal articulation and presentation of creative projects and will be accentuated. Prerequisite: ART 1302 with a “C” or better. A studio supplies fee will be assessed. (3-3).

2310. PHOTOGRAPHY
This is an introduction to the principles of photography including the use and functions of the camera, the aesthetics of photography, composition and basic techniques in black and white darkroom procedure. Assignments are in film processing, printing and enlargement, and presentation. A studio supplies fee will be assessed. Prerequisite: Second semester freshman standing. (3-3).

2322. INTRODUCTION TO CLAY
This is an introduction to hand-building methods, use of the electric potter’s wheel, glaze application, and surface finishing techniques in creating and emphasizing the aesthetic appreciation of ceramic art forms. A studio supplies fee will be assessed. (3-3).

2330. INTRODUCTION TO DIGITAL PHOTOGRAPHY
This course is an introduction to digital photography, its applications and its place in the realm of the graphic design and art worlds. The course explores digital camera mechanics, photographic techniques and applications, basic editing techniques, ethics of digital photography, and storage and output devices. This course is designed for majors and non-majors. A studio supplies fee will be assessed.

2340. ART HISTORY I
This course includes a Formalist survey of Western visual arts from Pre-history through the Middle Ages designed to enable students to recognize and appreciate artworks and other artifacts from cultures of the past, to grasp the perspective of time, and to develop the ability to verbalize about works of art on at least three levels: historical, descriptive, and evaluative.

2341. ART HISTORY II
This course includes a survey of Western visual arts from the Renaissance to the Post-modern era intended to inspire an understanding and appreciation of the essential place of art in the experience of human life and to help students to develop and communicate ideas about visual culture. This course may include an optional content-oriented travel/research component during the spring break.

2350. TYPOGRAPHY
This is an introductory course in the art of lettering and a comprehensive review of basic typographic design. Calligraphic techniques, the historical development of letter forms, as well as the impact of the computer will be explored. The theory and practice of type as a communication medium is examined with respect of contemporary usage in various fields. The importance of typography as an expressive and informational medium will be emphasized.

2360. INTRODUCTION TO MEDIA
This course is designed to expose students to the different tracks of the Graphic Design program. This course is supposed to be an introduction to many of the software tools that graphic designers use so
that they can choose a track that they are more interested in. Students will learn how to manipulate computer graphics, basic web design skills, digital video and animation techniques. Prerequisite: 1302 or consent of the instructor.

2370. TOPICS IN ART
This course is a specific study of particular topics in art. May be repeated when topics vary. Prerequisite: consent of instructor.

2371. TOPICS IN ART HISTORY
Topics in Art History provides an in-depth study of art history not possible in the basic survey courses ART 2340 and 2341. Topics may include focus on a particular period or aspect of art history, or may include surveys of art history such as Oriental art, Native American art, and Art of Latin America. May be repeated when topics vary.

3301. COMPUTER GRAPHICS
In this introduction to electronic image editing, students become acquainted with the concepts, hardware, and software related to digital image acquisition, manipulation and output, including scanning, masking, layering, retouching, and printing. The course emphasizes the role of the digital image as a communication tool of the graphic designer. Prerequisites: ART 1301, IS 2301 and junior standing. (3-3). See BSAD 3301. A studio supplies fee will be assessed.

3310. DIGITAL PHOTOGRAPHY
This course is an advanced study of digital photography incorporating a deeper study of camera techniques, manipulation, digital photography software programs, and production of output process. Correction processes, manipulations, digital negatives, combination printing, scanning and input techniques, and more comprehensive imaging processes will be discussed and practiced. Prerequisites: ART 2330, IS 2301. A studio supplies fee will be assessed.

3311. PRINTMAKING
This is an introductory studio course in basic printmaking processes, history and aesthetics. Prerequisite: ART 1302. (3-3). A studio supplies fee will be assessed.

3312. MULTIMEDIA
This course is an introduction to the wide-ranging use of computers in the production of film and videotape and the implications for its future use. The histories of both media, as well as techniques for design implementation, are covered. Students generate scripts and storyboards and produce titling and optical effects in the lab, integrating image manipulation software and other image processing support. Projects focus on corporate identity and other individual applications in the computer graphics industry. Prerequisites: ART 3301, and 3310. (3-3). A studio supplies fee will be assessed.

3322. WEB DESIGN AND MULTIMEDIA
In this course students begin to work with the concepts and philosophies of Graphic Design for the web. Students will be introduced to terminology and Internet architecture, and discuss the differences between print and screen based Graphic Design. The primary focus of the course will be centered on HTML, Adobe Dreamweaver, and becoming familiar with Adobe Flash. Prerequisites: ART 3312, with a "C" or better and Junior status. A studio supplies fee will be assessed.

3324. INTERMEDIATE CERAMICS
This course is a continuation of ART 2322 with the continued use of the potter’s wheel for production of creative ceramic art forms. It includes plaster mould work, glazing and slab construction. Prerequisite: ART 2322. (3-3). A studio supplies fee will be assessed.
3330. ADVANCED TYPOGRAPHY AND GRAPHIC COMMUNICATION
This course is a continuation of ART 2350. Emphasis will be on typographic solutions that explore verbal/visual messages through page layout design. This course is an exploration of advanced problems in visual communication that stresses the integration of a rational design methodology through a consideration of form, utility and production limitations. Projects include designs for publication, such as posters, brochures, packaging and graphic campaigns. Typography as a functional and experimental medium will be stressed. Design problem-solving for a diverse range of specifications, including audience, client needs and budget constraints, are included. Prerequisite: ART 2350.

3350. GRAPHIC DESIGN I
This course concentrates on applications of graphic design principles and theory. Through a study of the function of typography and page layout using Adobe InDesign, this course examines the organization of body text, headline display, and graphics. Creative interaction is developed as a resource in the conceptual process. Professionalism and attention to detail are emphasized as techniques in design critique and presentation refinement is explored. Students demonstrate and refine their skills by working with actual clients from the community who are seeking real-world solutions to their communication needs. Prerequisite: ART 2304 with a “C” or better and ART 3301 with a “C” or better. (3-3). A studio supplies fee will be assessed.

4302. COMPUTER GRAPHICS STUDIO
This is a course designed to explore corporate identity and advertising strategies. The projects will include the development of a complex business image and marketing strategies including print and multimedia processes incorporating computer generated presentations. This course may contain an optional travel component during school breaks. Prerequisite: ART 3301 with a “C” or above.

4310. PRE-PRESS AND PRINT MANAGEMENT
The course includes the preparation and output of digital computer files on state-of-the-art digital printers using a variety of software. The course will stress the correct preparation of files for optimal output results. Emphasis will be on the proper calibration of printers and computer to optimize final output quality. Also stressed will be the understanding of paper, its characteristics, and how to choose the correct paper and ink within the budget constraints of a given job. Prerequisite: ART 3350.

4312. MOTION GRAPHICS AND INTERACTIVE MEDIA
This is an advanced course intended to train screen-based Graphic Designers and those interested in motion graphics and digital media. In this course students build on the skills they learned in Macromedia Flash, and begin to work with Digital Video and Motion Graphics. Students delve deeper into the Interactive aspects of Flash. Students will learn and explore the concepts of digital video with various non-destructive editing tools and begin to explore Adobe After Effects, the industry standard for Video Effects. Prerequisites: ART 3322. A studio supplies fee will be assessed.

4325. ADVANCED CERAMICS
This is a course with emphasis on wheel production, surface decoration, and kiln firing. Prerequisite: ART 3324. (3-3). A studio supplies fee will be assessed.

4351. GRAPHIC DESIGN II
This course explores advanced design problem solving through intense investigation involving student’s personal graphic design creative skills. The course concentrates on the applications of graphic design principles and theory to real-world experience. Students work with actual clients from the community who are seeking creative solutions to their communication needs in each project. This class operates as a professional design business to refine individual and group skills. Students have
the opportunity to be part of a design team while working with authentic clients from the business environment. Creative interaction is developed as a resource in the conceptual process. Professionalism, attention to detail, and verbal skills are emphasized through critique and presentation. The course may contain an optional travel component during school breaks. Prerequisite: ART 3350 with a grade of “C” or above.

4360. PROFESSIONAL PORTFOLIO DESIGN
In preparation for job interviews, a graphic design portfolio is assembled and refined. Working individually with an instructor, each student selects pieces showcasing work that represents a unique style and demonstrates overall conceptual abilities. This course should be taken in the last year of the degree program. Prerequisite: Senior status and approval of the faculty committee, which reviews portfolio proposals in the semester before the portfolio course is to be taken.

4370. TOPICS IN ART
This is an in-depth study of particular topics in art. May be repeated when topics vary. Prerequisite: Consent of instructor.

4397. ARTS MANAGEMENT
This course offers a survey of public and private visual and performing arts organizations. Course content will include a study of the relationship between arts management and artistic production. This study will also include an overview of career management options in fields of creative endeavor. Prerequisites: BSAD 1301, junior standing and consent of instructor.

4380. DIRECTED STUDY IN ART
Subject areas in art not offered as regular courses may be investigated by the directed study to accomplish personal needs of the student. Approval before registration by the supervising instructor and the appropriate dean are required. Prerequisite: Upper-level status with the completed basic art courses. The course may be repeated once with a change in focus.

4398. PROFESSIONAL INTERNSHIP IN GRAPHIC DESIGN
Faculty members coordinate the program with upper-level students to work part-time with cooperating employers. This course provides the opportunity to apply prior learning to supervised practical field circumstances and gain employment experience. Students are required to keep a log, communicate weekly with the supervising instructor, and maintain attendance requirements. Prerequisite: ART 3350, senior status, and consent of instructor.

4399. SENIOR PROJECT IN COMMUNICATION DESIGN
This is the culmination of the degree program. Students make preparation for entering a career field or pursuing graduate studies. The student will learn web page development and create and publish a web page that will serve as an on-line representation of themselves as an artist and graphic designer. Students must submit work for consideration in local, regional and national competitions, document undergraduate work and complete a professional portfolio. The student will produce an exhibition of their work that demonstrates their creativity and professionalism as a designer. The course may contain an optional travel component during school breaks. Prerequisites: This course should be taken in the final semester of the degree program.

**BIOCHEMISTRY (BIOC)**

Schreiner University offers courses leading to a Bachelor of Arts (B.A.) degree and a Bachelor of Science (B.S.) degree with a major in Biochemistry.
The biochemistry program is committed to the liberal arts tradition with emphasis upon biochemistry as an area of free inquiry. Students are not expected simply to master current biochemistry knowledge. Rather, they are encouraged to understand biochemistry as a dynamic body of knowledge. Methods of producing new knowledge and using concepts to further understanding are two major goals of the program.

Biochemistry is a multidisciplinary major. A student with B.A. degree in biochemistry will meet all the requirements for medical, dental, veterinary and pharmacy schools. A student with a B.S. degree in biochemistry will be highly employable with a bachelors degree. Those students wishing to pursue graduate studies in biochemistry are encouraged to follow the B.S. degree plan. The biochemistry program includes courses and experiences that will give the student a wide variety of laboratory techniques that are essential for further investigations either in education or industry.

For the B.A. degree: CHEM 1101, 1301, 1102, 1302, 3401, 3403, 3411, 3412, BIOL 1301, 1102, 2403 or 2404, 3350, 3430, 3450, MATH 2422, 2423, and BIOC 3405, 3406 and either 4398, or 4399. PHYS 1401 and 1402 are recommended electives.

For the B.S. degree: CHEM 1101, 1301, 1102, 1302, 2302, 3401, 3403, 3411, 3412, BIOL 1301, 1102, 2403 or 2404, 3350, 3430, 3450, MATH 2422, 2423, PHYS 1401, 1402, and BIOC 3405, 3406, and either 4398, or 4399.

3405. BIOCHEMISTRY I
This is the study of the state of the structure and function of biologically significant molecules; enzymology, metabolism, biosynthesis of macromolecules, bioenergetics, molecular biology. Prerequisite: CHEM 3412 with a grade of “C” or better. (3-3)

3406. BIOCHEMISTRY II
This is a continuation of BIOC 3405, the study of protein, carbohydrate, and fat metabolism and their interrelationship. Prerequisite: BIOC 3405 with a grade of “C” or better. (3-3).

4195. READINGS IN POPULAR LITERATURE IN THE NATURAL SCIENCES
This is a study of a specific popular book about natural science. Author will be invited for a seminar. Offered as circumstances permit. May be repeated when topics vary. Prerequisite: 8 hours of a natural science. Graded “S/U”.

4398. INTERNSHIP IN BIOCHEMISTRY
This is supervised field study or employment which provides the opportunity for the student to apply prior learning to practical laboratory situations. Prerequisite: Senior standing. Graded S/U.

4399. SENIOR PROJECT IN BIOCHEMISTRY
This is independent investigation culminating in a written paper. May involve laboratory and library research.

BIOLOGY (BIOL)

Schreiner University offers courses leading to a Bachelor of Arts degree and Bachelor of Science degree with a major in Biology. The biology program is committed to the liberal arts tradition with emphasis upon biology as an area of free inquiry. Students are not expected simply to master current biological knowledge. Rather, they are encouraged and expected to
understand biology as a dynamic body of knowledge. Methods of producing new knowledge and using concepts to further understanding are two major goals of the program.

In addition, there is an emphasis on the interdisciplinary context of biology as a science. Students majoring in Biology are expected to understand the philosophical foundations of science and the limitations inherent in all scientific knowledge.

The biology curriculum has been designed specifically to achieve these goals. Required courses include many of the subdivisions of the life sciences. Also included are a number of laboratory courses and some courses specifically designed to prepare students to carry out research in topics of special interest.

Students who major in biology may pursue a number of postgraduate directions including education, industry, and graduate study. Graduate study may require additional coursework in biology.

**For the B.A. degree:** BIOL 1301, 1102, (2401, 2402, 2403, or 2404), 3350, 3430, 3440, 3450, (4398, or 4399), 6 hours of upper level biology courses, CHEM 1101, 1301, 1102, 1302, 3411, 3412, MATH 1310, and 1321. MATH 2422, 2423, PHYS 1401, 1402, and statistics are recommended electives.

**For the B.S. degree:** BIOL 1301, 1102, 2302, 2403, 2404, 3350, 3430, 3440, 3450, 4398, or 4399, 6 hours of upper level biology courses, CHEM 1101, 1301, 1102, 1302, 3411, 3412, MATH 2422, 2423 or 3330, PHYS 1401, 1402.

Students may not earn credit for both BIOL 2411 and BIOL 3414, or both BIOL 1407 and BIOL 3407.

Students seeking teacher certification in biology (BIOL) should consult the Teacher Education section of this catalog for specific course selection.

1101. INTRODUCTION TO ANATOMY AND PHYSIOLOGY
This is a one-hour elective course designed to give students the background to successfully complete BIOL 2401, 2402, Anatomy and Physiology I and II. Students who should take this course include those with limited backgrounds in Biology or Chemistry, who have been out of school for an extended period of time, or who desire an overview of Anatomy and Physiology. Does not fulfill requirements for the biology major or fulfill natural science requirement in core.

1102. INTRODUCTION TO BIOLOGY LABORATORY
This is a laboratory study of biology designed to provide students with basic knowledge and laboratory skills useful in modern biology. Prerequisites: Concurrent enrollment in BIOL 1301, credit for BIOL 1301 or consent of instructor (0-2).

1301. CONCEPTS OF BIOLOGICAL SCIENCE
This course is a conceptual approach designed to provide students with an organizing framework for understanding and further learning in biology. If intended to fulfill the 4-hour science requirement must take 1301 and 1102. (3-0)

1400. HUMAN BIOLOGY
This is a one semester study of biological principles particularly as they apply to humans. (3-2). Does not fulfill requirements for the biology major. Students who already have credit for BIOL 1401 or BIOL 1403 may not ordinarily receive credit for BIOL 1400.
1401. (1406) CONCEPTS OF BIOLOGICAL SCIENCE
This course is a conceptual approach designed to provide students with an organizing framework for understanding and further learning of biology (3-2).

1405. ENVIRONMENTAL SCIENCE
This course studies major issues arising from interface of society and environmental, natural sciences, with emphasis upon nature of scientific knowledge; its usefulness and limitations in decision-making and problem-solving. Intended for partial fulfillment of basic natural science distribution requirement. (3-2)

1407. BEHAVIORAL BIOLOGY
This is a one semester study of basic behavioral patterns in animals (3-2). Intended for partial fulfillment of basic natural science distribution requirement. Students may not receive credit for both BIOL 1407 and BIOL 3407.

2302. SCIENTIFIC PROBLEM-SOLVING UTILIZING SPREADSHEETS
This course will use spreadsheets to solve problems in biology including data analysis and simulation of scientific processes. Prerequisite: Sophomore standing or consent of instructor. See CHEM 2302.

2331. NUTRITION IN THE HEALTHCARE SYSTEM
The purpose of this course is to explore the various nutrients, their sources, digestion, absorption, metabolism, interaction, storage, and excretion. Emphasis is given to the role that nutrition plays in the healthcare delivery system. Prerequisite(s): BIOL 2401/2402, CHEM 1301, 1101, 1302, 1102.

2401. (2401) HUMAN ANATOMY AND PHYSIOLOGY I
This is a systematic study of the human body; its structure and function (3-2).

2402. (2402) HUMAN ANATOMY AND PHYSIOLOGY II
This is a continuation of BIOL 2401. Prerequisite: BIOL 2401 or consent of instructor (3-2).

2403. SURVEY OF THE ANIMAL KINGDOM
This is a survey of the animal kingdom from sponges through vertebrates. Prerequisites: BIOL 1301, 1102 or consent of instructor. (3-2).

2404. SURVEY OF THE PLANT KINGDOM
This is a survey of the plant kingdom from algae through angiosperms. Prerequisites: BIOL 1301, 1102 or consent of instructor. (3-2).

3270. TOPICS IN BIOLOGY
This is an intensive study of a specific biological topic. May be repeated when topics vary. Prerequisite: Consent of instructor.

3341. ECOSYSTEMS AND RESOURCE MANAGEMENT
This is a comprehensive study of the structure and function of ecosystems. Emphasis upon natural resources and the ability of ecosystems to provide those resources. Prerequisite: 8 hours of BIOLOGY or consent of instructor.
3350. WRITING AND RESEARCH IN BIOLOGY
This course examines the standards and styles for various kinds of writing about biology. The basic
elements of biological research, its planning and reporting are included. Prerequisite: 8 hours biolo-
gy or consent of instructor. (3-0).

3360. SCIENTIFIC TERMINOLOGY
This is a course designed to build the science vocabulary; that is, to increase the number of words
whose meaning can be recognized or derived and to learn to use scientific words correctly and effec-
tively. This course concentrates on medical terms, but other science terms will be learned as well. The
course focuses on the Latin and Greek elements in the English language in order to illustrate how
words are built, how they are spelled, how they are used, and what they mean.

3370. TOPICS IN BIOLOGY
This is an intensive study of a specific biological topic. May be repeated when topics vary. 
Prerequisite: Consent of instructor.

3406. ADVANCED PHYSIOLOGY
This is an advanced study of the physiology of human systems, including weekly laboratory session.
This course is intended for students preparing for graduate or professional school in the health sci-
ences. Prerequisites: BIOL 1403, 1404 and junior standing, or consent of instructor. (3-3) See EXSI
3406.

3407. ANIMAL BEHAVIOR
This course explores the evolutionary, morphological and motivational causes of behavior patterns in
animals. Prerequisite: 8 hours Biology. (3-2). Students may not receive credit for both BIOL 1407
and BIOL 3407.

3414. GENERAL MICROBIOLOGY
This is a study of microorganisms as representative organisms. Application of basic biological con-
cepts to the study of microorganisms, with emphasis on allied health topics. Prerequisite: 8 hours of
biology or consent of instructor. (2-4).

3430. GENETICS
This course includes discussion of the state of modern genetics from molecular genetics through
transmission genetics to population genetics. Emphasis upon problem-solving. 3 hours lecture and a
2 hour laboratory. Prerequisite: 8 hours biology. (3-2).

3440. POPULATION BIOLOGY
This is a comprehensive study of the population level of organization including population genetics,
ecological genetics, adaptation, populations, communities, and ecosystems. Prerequisite: 8 hours biol-
ogy (3-3).

3450. CELL BIOLOGY
This is a study of structure and function of cells as units of living matter. Prerequisites: 8 hours biol-
ogy and CHEM 1402. (3-3).

3470. TOPICS IN BIOLOGY
This is an intensive study of a specific biological topic. May be repeated when topics vary. 
Prerequisite: Consent of instructor.
4195. READINGS IN POPULAR LITERATURE IN THE NATURAL SCIENCES
This is a study of specific popular book about natural science. Author will be invited for a seminar. Offered as circumstances permit. May be repeated when topics vary. Prerequisite: 8 hours of a natural science. Graded “S/U”.

4398. INTERNSHIP IN BIOLOGY
This course involves learning biology in a work setting. Students are placed in a workplace (at least 60 hours of experience) and learn how biology is applied in that specific setting. Graded S/U.

4399. SENIOR PROJECT IN BIOLOGY
This is an independent investigation culminating in a written paper. May involve laboratory and library research.

BUSINESS (BSAD)
Schreiner University offers both the Bachelor of Arts (B.A.) with a major in Business and Bachelor of Business Administration (B.B.A.) degrees with majors in Finance, Business, Management, and Marketing.

All degrees are structured to enable graduates to succeed in the competitive global business environment. The Bachelor of Arts (BA) degree focuses on cultural diversity and the interrelations of commerce, economics, social, historical, and political perspectives. The Bachelor of Business Administration (BBA) degree focuses on critical thinking and the interpersonal skills essential for careers in management, marketing, entrepreneurship, and finance.

The B.A. Business major consists of 33 upper-level BSAD courses: BSAD 3310, 3320, 3331, 3350, 3360, 4321, 4331 or 4342, 4340, 4351, 3 hours upper level BSAD culminating with BSAD 4398 (Professional Internship in Business), or BSAD 4399 (Senior Project in Business). In addition to 57 hours of core curriculum and 33 hours in the major requirements, there are 12 hours of electives and 18 hours of collateral courses for a total 120 hours.

A minor in Business consists of the following 15 hours upper level Business. BSAD 3310, 3320, 3331, 3360 & 4351. In addition, these 21 hours of prerequisite courses are required. ACCT 2301, 2302, BSAD 1301, ECON 2301, 2302, MATH 1311, 3330.

Also offered is a B.A. in Business Education (6-12). Students seeking teacher certification in Business Education should consult the Teacher Education section of this catalog for specific course selection.

The B.B.A. Finance major consists of 27 upper-level BSAD courses: BSAD 3360, 3362, 4321, 4331, 4351, 4361, 4362, 4364 or 4366 culminating with BSAD 4398 (Professional Internship in Business), or BSAD 4399 (Senior Project in Business). In addition to 72 hours of core curriculum and the 27 hours in the major, there are 21 hours of collateral courses for a total of 120 hours.

The B.B.A. Management major consists of 24 upper-level BSAD courses: BSAD 3331, 3350, 4321, 4330, 4331, 4332 or 4361, 4342, culminating with BSAD 4398 (Professional Internship in Business), or BSAD 4399 (Senior Project in Business). In addition to 72 hours of core curriculum and the 24 hours in the major, there are 24 hours of collateral courses for a total of 120 hours.

The B.B.A. Marketing major consists of 24 upper-level BSAD courses: BSAD 3301, 3320, 3321, 3322, 4321, 4322 or 4332, 4331 or 4342, culminating with BSAD 4398 (Professional
Internship in Business), or BSAD 4399 (Senior Project in Business). In addition to 72 hours of core curriculum and the 24 hours in the major, there are 24 hours collateral courses for a total of 120 hours.

1301. (1301) INTRODUCTION TO BUSINESS
This is a study and survey of the functional area of business with particular emphasis on the role of business in American society, various dimensions of business, business careers, and techniques of analysis used in business.

2301. LIFE ECONOMICS
This course is a study of financial related issues encountered in managing personal economic and life affairs. Students explore sources of personal income, saving options, credit management, consumer spending, buying a home versus renting, insurance, budgeting, managing your taxes, automobile leasing and buying, investing and retirement planning, career planning, resumes, and interviewing techniques.

BSAD 1301 is a prerequisite for all advanced business courses.

3301. COMPUTER GRAPHICS
In this introduction to electronic image editing, students become acquainted with the concepts, hardware, and software related to digital image acquisition, manipulation and output, including scanning, masking, layering, retouching, and printing. The course emphasizes the role of the digital image as a communication tool of the graphic designer. Prerequisites: ART 1301, IS 2301 and junior standing. (3-3) See ART 3301. A studio supplies fee will be assessed.

3310. LEGAL ENVIRONMENT OF BUSINESS
This course studies business under the U.S. Constitution, federal legislation, legal precedents, and agency orders. Emphasis on court interpretations. Prerequisite: BSAD 1301.

3311. BUSINESS ORGANIZATIONS & LEGAL INSTRUMENTS
This course examines business forms, including agency, partnership, and corporations. Also covered are the law of sales, commercial paper, creditors’ rights, and secured transactions. Prerequisites: BSAD 1301, 3310 or equivalent.

3320. PRINCIPLES OF MARKETING
This is a basic course using the managerial approach to the study of marketing. The course includes a study of consumer behavior, product strategy, the selection of distribution channels, pricing and promotion with emphasis upon the creation of effective marketing strategies. Prerequisite: BSAD 1301.

3321. ADVERTISING
This is a study viewed from both a marketing and communication perspective as any paid form of nonpersonal presentation and promotion of ideas, goods, and services by an identified sponsor. Included is how the advertiser performs his function of using the means available to inform prospective buyers of the product or service. Prerequisite: BSAD 1301, 3320 or consent of instructor.

3322. INTERNATIONAL MARKETING
This is a study of the growth in world markets, cultural differences, and political constraints applicable to international marketing. Students are introduced to activities involving the gathering and analyzing of information in the development and implementation of an international marketing plan. Prerequisite: BSAD 3320.
3331. PRINCIPLES OF MANAGEMENT
This course examines management as a process, profession and discipline. Emphasis will be placed on organizational design, management of innovation, strategic decision-making, control systems, group dynamics, motivation, leadership and a survey of normative managerial literature. The course will strive to strike a balance between quantitative and qualitative management tools. Prerequisite: BSAD 1301.

3350. ORGANIZATIONAL BEHAVIOR
This course focuses on providing an integrated social scientific approach to relationships between the individual and the organization, and on administrative problems. Topics include performance appraisal, leadership, motivation, interpersonal relationships, decision-making, job satisfaction, and change, among others. Prerequisites: BSAD 1301 or PSYC 1301 or consent of instructor. See PSYC 3350.

3360. PRINCIPLES OF FINANCE
This is an introduction to analytical financial management, including short-term credit policies, capital budgeting, risk, long-term funding, financial leverage, and the cost of capital. Special topics such as mergers, consolidations, bankruptcy, and reorganizations will also be considered. Prerequisites: ACCT 2302, with a “C” or better, MATH 1311, ECON 2301.

3362. FINANCIAL INSTITUTIONS AND MARKETS
This is an indepth study of the U.S. financial systems, the financial intermediation process and the role of money. Among the topics covered are interest rates, credit markets and investments, money and inflation, regulation of financial institutions. Prerequisites: ECON 2301, BSAD 3360 or consent of instructor.

3381. GLOBALIZATION THEORIES, ISSUES, AND TRENDS
This is a survey of current historical, social, and cultural, economic and political issues and trends affecting the global community. Prerequisite: POLS 2303 or consent of instructor. See POLS 3381.

3383. INTERNATIONAL POLITICAL ECONOMY
This is a study of the interrelationship between political and economic factors in international relations with a focus on theoretical perspectives on the relationship between international economics and politics, trade policies, trends in integration of political and economic systems, the role of multinational corporations and economic organizations in the modern world. Prerequisite: POLS 2303 or consent of instructor. See POLS 3383.

3384. REGIONAL STUDY
This is an interdisciplinary survey of a world region focusing on the geographic, historical, cultural, economic, and political factors most affecting the role of this region within the international community today. Regions such as Latin America, Europe, The Middle East, and Asia will be offered on a rotating schedule. May be repeated when region changes. Prerequisite: POLS 2303 or consent of instructor. See POLS 3384.

3385. THE AMERICAN FOREIGN POLICY PROCESS
This is the study of the foreign policy making process and factors influencing U.S. international political and economic behavior since 1945. Special emphasis will include foreign policy issues affecting the United States political and economic interests in the coming decade. Prerequisite: POLS 2303 or consent of instructor. See POLS 3385.
4170. TOPICS IN BUSINESS
This is a study of selected topics in the field of business. Topics will vary; course may be repeated when topics vary. Prerequisites: As required by instructor: upper-division standing.

4270. TOPICS IN BUSINESS
This is a study of selected topics in the field of business. Topics will vary; courses may be repeated when topics vary. Prerequisites: As required by instructor: upper-division standing.

4321. BUSINESS RESEARCH
This is a mandatory course for all business majors and requires the Business Major Field Exam. This is a study of research principles and tools that are typically used in business to efficiently and effectively plan, collect, organize, and assimilate information in order to make informed business decisions. Students are also exposed to qualitative research, and employ modern analytical tools, SPSS and Excel, in a field research project. Prerequisites: ACCT 2301, BSAD 3320, 3331, 3360, MATH 3330, and senior standing.

4322. PROFESSIONAL SELLING
This course is a study of the different approaches and techniques of personal selling. Specifically students will be exposed to prospecting, approaching the customer, determining customer needs versus wants, sales presentation, overcoming objections, and closing the sale. In addition, students examine the methods and principles of sales management. Prerequisites: BSAD 1301 and 3320.

4330. HUMAN RESOURCE MANAGEMENT
This course focuses on human resource management with emphasis on its impact on the practice of management throughout the organization. Topics include equal employment opportunity and other legal issues, staffing, training and development, compensation, employee relations, and workplace related health and safety issues. Prerequisites: BSAD 1301, 3331.

4331. BUSINESS STRATEGIES
This course focuses on the analysis of the firm’s external and internal environment in order to achieve competitive advantage and earn above-average returns. Students explore business and corporate-level strategies, competitive rivalry, acquisitions and restructuring, alliances, corporate governance, organizational structure and controls, international strategy, entrepreneurial attitude in competitive planning, and strategic change through leadership. Prerequisites: ACCT 2301, BSAD 3320, 3331, 3360, ECON 2301, and MATH 3330.

4332. RETAIL MANAGEMENT
This is a study of the management practices typically employed in selling and retail enterprises. The basic functions of merchandising, promotion, supply-chain, control, and other activities involved in the sale of services and goods to consumers are examined from an operational perspective. Prerequisites: BSAD 3320, 3331, ACCT 2301, and 2302.

4340. INTERNATIONAL BUSINESS
This is a study of international business with emphasis on the factors that drive globalization of business and its impact on domestic corporations. Topics include the theory and practice of international trade and investment, monetary transactions and international finance, practice of management in the international environment, ethical issues in international business. The role of political, economic and cultural differences will be stressed throughout. Prerequisites: ACCT 2301, BSAD 3331, and ECON 2301.
4342. ENTREPRENEURSHIP
This course addresses the identification and analysis of entrepreneurial opportunities, development of business plans, and issues unique to startups. The focus will be on managing small business with special emphasis on marketing and financial management. Prerequisites: ACCT 2301, BSAD 3320, 3331, and ECON 2301.

4351. QUANTITATIVE METHODS IN BUSINESS
This course is designed to provide students a foundation in the analytical decision making practices in business organizations. Students will learn to solve business problems through computer modeling techniques. Topics include: decision analysis, decision trees, linear programming, optimization, sensitivity analysis, estimation and forecasting, inventory control models, queuing models, PERT/CPM, transportation, transshipment and assignment. Extensive application of computer assisted analysis and modeling is included. Prerequisites: MATH 1311 with a “C” or better, MATH 3330, ACCT 2301, and ECON 2301.

4361. INVESTMENT MANAGEMENT
This course is a study of stocks, bonds and options, basic mechanics and principles of investing and portfolio management, pricing and analysis of securities and derivative instruments, option strategies. Prerequisites: BSAD 3360, ACCT 2301, ECON 2301, and MATH 3330.

4362. INTERMEDIATE FINANCIAL MANAGEMENT
This is a study of corporate valuations, strategic investment decisions, working capital management, and tactical and strategic financing decisions. Special topics also include derivatives, risk management, mergers, and bankruptcy, reorganization, and liquidation. Prerequisites: BSAD 3360, and 3362.

4364. RISK MANAGEMENT & INSURANCE
This course focuses on understanding the contemporary methods of identifying, appraising, and measuring risks that may cause severe loss or interrupt an organization’s functional continuity. In addition, the techniques utilized to analyze and manage risk exposures are explored. Students will study the traditional tool of risk management: insurance. Specifically, life, health, disability, property and casualty, liability, loss of income, business interruption, and other forms of insurance will be examined in detail. Prerequisites: BSAD 1301, and 3360.

4366. REAL ESTATE FINANCE & INVESTING
This is a study of real estate ownership, agency, contracts, disclosures, title transfer, deeds, leasing, mortgage instruments, and career opportunities. Students will explore the respective activities of real estate sales, property management, and ownership. Special emphasis on types of financing: adjustable mortgages, blended-rate loans, reverse mortgages, equity sharing, wraparounds, graduated payments, blanket mortgages, and seller financing. The course does not satisfy any licensing requirements for realtors or brokers. Prerequisites: BSAD 1301, and 3360.

4370. TOPICS IN BUSINESS
This is a study of selected topics in the field of business. Topics will vary; course may be repeated when topics vary. Prerequisites: As required by instructor: upper-division standing.

4380. DIRECTED STUDY IN BUSINESS
Subjects not offered as regular courses may be investigated by directed study pursuant to a plan proposed by the student and approved before registration by the supervising instructor and the dean. Normally, students enrolling will have upper-division standing, a 2.0 GPA, and have completed basic discipline courses. May be repeated as topics change.
4398. PROFESSIONAL INTERNSHIP IN BUSINESS
This is supervised field employment which provides the opportunity for the student to apply prior learning to practical job experiences. Prerequisite: Senior status or consent of instructor.

4399. SENIOR PROJECT IN BUSINESS
This is an independent capstone research investigation culminating in a senior thesis or comparable senior project.

CHEMISTRY (CHEM)

Schreiner University offers courses leading to a Bachelor of Arts (B.A.) degree and a Bachelor of Science (B.S.) degree with a major in Chemistry.

The chemistry program is committed to the liberal arts tradition with emphasis upon chemistry as an area of free inquiry. Students are not expected simply to master current chemistry knowledge. Rather, they are encouraged to understand chemistry as a dynamic body of knowledge. Methods of producing new knowledge and using concepts to further understanding are two major goals of the program.

A student with a B.A. degree in chemistry with additional work in biology will meet all the requirements for medical, dental, veterinary and pharmacy schools. A student with a B.S. degree in chemistry will be highly employable with a bachelors degree. Those students wishing to pursue graduate studies in chemistry are encouraged to follow the B.S. degree plan. The chemistry program includes courses and experiences that will give the student a wide variety of laboratory techniques that are essential for further investigations either in education or industry.

For the B.A. degree: CHEM 1101, 1301, 1102, 1302, 3401, 3402, 3403, 3404, 3411, 3412, BIOL 3350, MATH 2422, 2423, PHYS 1401, 1402, and CHEM (4398 or 4399).

For the B.S. degree: CHEM 1101, 1301, 1102, 1302, 2302, 3350, 3401, 3402, 3403, 3404, 3407, 3411, 3412, BIOL 1301, 1102, 3350, MATH 2422, 2423, 3425, PHYS 1401, 1402, and CHEM (4398 or 4399).

Students seeking teacher certification in Chemistry (CHEM) should consult the Teacher Education section of this catalog for specific course selection.

1101. GENERAL CHEMISTRY I LAB
This course is the laboratory study of chemistry designed to provide students with basic knowledge and laboratory skills used in chemistry. Prerequisite(s): Concurrent registration in CHEM 1301, or credit for CHEM 1301, or consent of instructor.

1102. GENERAL CHEMISTRY II LAB
This course is the laboratory study of chemistry designed to provide students with basic knowledge and laboratory skills used in chemistry. Prerequisite(s): Concurrent registration in CHEM 1302, or credit for CHEM 1302, or consent of instructor.

1301. GENERAL CHEMISTRY I
This course is designed for students preparing for careers in science, engineering, and medical fields. Atomic theory, stoichiometry, bonding, periodic classification, states of matter, and problem solving are emphasized. Prerequisite(s): 2 years of high school algebra, MATH 1310 or concurrent enrollment in MATH 1310. (3-0)
1302. GENERAL CHEMISTRY II
This is a continuation of CHEM 1301. Subjects included are: solutions, colloids, thermodynamics, chemical kinetics, chemical equilibrium, electrochemistry, descriptive inorganic chemistry, organic chemistry and nuclear chemistry. Prerequisite: Completion of CHEM 1301 or equivalent with a grade of “C” or better. (3-0).

1403. (1405) INTRODUCTORY CHEMISTRY
This is a basic chemistry course for non-science majors. Emphasis is on allied health topics. (3-2).

2302. SCIENTIFIC PROBLEM-SOLVING UTILIZING SPREADSHEETS
This course will use spreadsheets to solve problems in chemistry including data analysis and simulation of scientific processes. Prerequisite: Sophomore standing or consent of instructor. See BIOL 2302.

3270. TOPICS IN CHEMISTRY
This is an intensive study of a specific topic in chemistry. May be repeated when topics vary. Prerequisite: Consent of instructor.

3350. INTRODUCTION TO CHEMICAL RESEARCH
Student research is allied with the instructor’s research. The student, in consultation with the instructor, will select a research problem, review the pertinent literature, collect and analyze data, and compose a paper. Prerequisite: Consent of instructor.

3370. TOPICS IN CHEMISTRY
This is an intensive study of a specific topic in chemistry. May be repeated when topics vary. Prerequisite: Consent of instructor.

3401. ANALYTICAL CHEMISTRY I
This is a study of classical chemical methods of analysis including gravimetric analysis, volumetric analysis, and statistical treatment of data. Prerequisite: CHEM 1102, 1302 with a grade of “C” or better. (3-3)

3402. ANALYTICAL CHEMISTRY II
This is a study of modern methods of chemical analysis including potentiometric titrations, polarographic, gas chromatographic, ultraviolet, visible, and infrared absorption, and atomic absorption techniques. Prerequisite: Completion of CHEM 1102, 1302 with a grade of “C” or better. (3-3).

3403. PHYSICAL CHEMISTRY I
This is an introduction to properties of gases, thermodynamics, equilibrium, electrochemistry, and chemical kinetics. Prerequisite: CHEM 1102, 1302 with a grade of “C” or better and MATH 2422. (3-3).

3404. PHYSICAL CHEMISTRY II
This is an introduction to quantum mechanics, spectroscopy, and the electronic structures of atoms and molecules. Prerequisite: Completion of CHEM 1102, 1302 with a grade of “C” or better. (3-3)

3407. INORGANIC CHEMISTRY
This is the study of the basic concepts and theories of inorganic chemistry and how these are used to
predict and understand the physical and chemical properties of compounds of the elements other than carbon. Inorganic compounds in the air, water, earth, and in the laboratory will be studied. Completion of CHEM 1102, 1302 with a grade of “C” or better. (3-3).

3411. ORGANIC CHEMISTRY I
This is designed for students preparing for careers in chemistry, biology, chemical engineering, medicine, dentistry, and pharmacy. Main topics are bonding, classification, theory of mechanism, aliphatics, aromatics, and stereochemistry. Prerequisite: Completion of CHEM 1102, 1302 with a grade of “C” or better. (3-3).

3412. ORGANIC CHEMISTRY II
A continuation of CHEM 3411, topics include nuclear magnetic resonance, infrared spectroscopy, halides, organometallics, alcohols, phenols, ethers, aldehydes, ketones, carboxylic acids and derivatives, amines, carbohydrates, lipids, and proteins. Prerequisite: Completion of CHEM 3411 with a grade of “C” or better. (3-3).

4195. READINGS IN POPULAR LITERATURE IN THE NATURAL SCIENCES
This is a study of a specific popular book about natural science. Author will be invited for a seminar. Offered as circumstances permit. May be repeated when topics vary. Prerequisite: 8 hours of a natural science. Graded “S/U”.

4398. INTERNSHIP IN CHEMISTRY
This is supervised field study or employment which provides the opportunity for the student to apply prior learning to practical laboratory situations. Graded S or U. Prerequisite: Senior standing.

4399. SENIOR PROJECT IN CHEMISTRY
This course is designed to introduce the student to current literature, laboratory techniques, and writing skills in chemistry. Prerequisite: Senior standing.

COMMUNICATION (COMM)
Schreiner University offers courses leading to the Bachelor of Arts degree with a major in Communication Studies. The program provides students the opportunity to study human communication practices and processes, contexts in which communication occurs, theories of communication, as well as the research and criticism that surround and embody the field. Students graduating with a Communication Studies degree are well-positioned in today’s “knowledge era” as people able to create and manipulate symbols, identify and solve problems, and broker communication strategies for regional, national and international employers across a wide range of professions.

This multidisciplinary major emphasizes a strong liberal arts curriculum. It is designed primarily for students preparing to enter careers in government and social services, business, academia, law, management, journalism, public relations and other media-related industry.

A major in Communication consists of COMM 2301, 2320, 3310, 3320, 3330, 3340, 4310, 4320, 4330, 4397 or 4398 and collateral courses in SOCI 1301, ENGL 2310, ENGL 3303, PSYC 3350, and 6 hours from POLS 3370, PSYC 3306, BSAD 3320, 3321, 3331.

Students who wish to minor in Communication Studies must take COMM 2301, 2320 and complete an additional 12 advanced semester hours from COMM 3310, 3320, 3330, 3340, 4310, 4320, 4330, 4397, or 4398.
2301. (1311) COMMUNICATION
This course is an analysis of the basic skills of oral communication and includes training in and exposure to interpersonal communication, basic public speaking, group discussion and problem solving, interviewing and parliamentary procedure. Prerequisite: ENGL 1301 or consent of instructor.

2320. CORE CONCEPTS IN COMMUNICATION
This course introduces students to fundamental concepts in contemporary views of communication studies theory and research that have emerged in the communication discipline since the 1950s. It covers a diverse range of topics and ideas that span from media to language, from face-to-face to mass communication. The course helps students understand communication as a practical discipline and makes communication theory a coherent field of study. Basic vocabulary of major concepts focuses the study of communication into a top-down, satellite picture of the communication landscape. Prerequisite: COMM 2301 or consent of the instructor.

3310. RELATIONAL COMMUNICATION
This course addresses the critical intersection of relational contexts with communication, based on the premise relationships influence our ways of thinking, sculpt our identity and develop or modify our self worth. Students will examine how relational communication shapes our experience of the world. Prerequisite: COMM 2320, junior standing or consent of the instructor.

3320. MEDIA AND CULTURE
This course leads students to a better understanding of how relationships are constrained and enabled by culture. Students will explore the ways culture is conceived, with emphasis on how shared patterns of perception and belief are often created and reinforced through a variety of media genres. Prerequisites: COMM 2320, junior standing or consent of the instructor.

3330. GENDER ROLES AND COMMUNICATION
Students in this course will investigate the way discourse in everyday talk intersects with sex identity and how gender roles shape our experiences. They will explore and analyze texts, written and spoken, to understand how gender roles are created, recreated and performed through communication. Prerequisites: COMM 2320, junior standing or consent of the instructor.

3340. NONVERBAL COMMUNICATION
This course explores nonverbal communication of relational messages like affection, hate and power in the regulation of social interaction. The study includes traditional topics of chronemics, haptics, kinesics, proxemics, territoriality, paralanguage and issues of coding and decoding. Prerequisites: COMM 2320, junior standing or consent of the instructor.

4310. COMMUNICATION AND CONFLICT
This course examines theoretical perspectives for managing communication conflict and practical application of conflict theory and research. Prerequisites: COMM 2320, junior standing or consent of the instructor.

4320. RESEARCH METHODS IN COMMUNICATION
This course investigates various methods of research in communication studies to include quantitative and qualitative methods. Students learn to formulate research questions, apply scholarly resources to conduct literature reviews, use data collection and analysis techniques to compile their research and how to present it in a format suitable for publication. Prerequisites: COMM 2320, junior standing or consent of the instructor.
4330. FAMILY COMMUNICATION

Our early experiences of “family” create many of the constructs from which we base our later life. The course explores the role of family communication in everyday life, in the development of the individual, and how the concept of family is enacted in culture. Prerequisites: COMM 2320, junior standing or consent of the instructor.

4397. SENIOR SEMINAR IN COMMUNICATION

This is a capstone experience for communication studies majors to assess their understanding of communication practices and processes, contexts in which communication occurs, the theory of communication as well as the research and criticism that surround and embody the field. The student is challenged to exhibit significant knowledge and understanding from all previous communication studies coursework. Prerequisites: Senior standing, communication studies major expected to graduate at the end of the current or subsequent semester.

4398. INTERNSHIP IN COMMUNICATION STUDIES

This capstone option offers supervised field employment providing students career-related professional communication experiences in an organized setting. Prerequisite: Senior status.

CREATIVE ARTS

The Creative Arts degree is a course of study designed with the practicing artist in mind. In addition to the usual core courses, the student will pursue a broad range of upper-level courses in art, English, music, and theater. Flexibility in the advanced-course requirements provides students with opportunities to target areas of special interest.

Required collateral courses; ART 1340, ART 2340, ART 2341, BSAD 1301, ENGL 2340, ENGL 3306, or THRE 4333, MUSC 1303, applied music, THRE 1101, THRE 1301, and 3 other hours from ART, ENGL, MUSC, THRE. The major consists of 30 advanced hours including ART 4397, and 24 additional hours from ART, ENGL, MUSC, THRE and either 4398 or 4399.

ECONOMICS (ECON)

2301. (2301) PRINCIPLES OF ECONOMICS I

This is an introduction to the study of macroeconomic problems of a capitalist economy. Included are the theory and measurement of changes in the levels of prices, employment, national income and other aggregates. Topics include monetary and fiscal policy, stabilization policy, economic growth and international economics.

2302. (2302) PRINCIPLES OF ECONOMICS II

This is an introduction to the microeconomic theory of consumer behavior and of the firm and resource allocation in a private enterprise economy. The study includes analysis of pricing of output, determination of wages, interest and profits under alternative market structures, contemporary issues such as taxation, pollution, unions and government regulation. Prerequisite: ECON 2301 or consent of instructor.

EDUCATION (EDUC)

Students presently pursuing a Bachelor of Arts degree at Schreiner University may also pursue teacher certification. Preparation for certification to teach in the public schools of Texas is
offered in Biology (life science), Chemistry, English (language arts), History and Mathematics for grades 8-12; Business Education (6-12); in English, Language Arts and Reading, Mathematics, Mathematics/Science and Generalist for grades 4-8; Generalist in grades EC-6 and in Exercise Science and Music for all-level.

Students may pursue a Master of Education. They may also seek a Master of Education plus Teacher Certification. The Principal Certification option requires an additional semester.

In accordance with SB994 and Subchapter M of the 1987 Standards for the Teaching Profession, and beginning with the 1989-90 school year, students will register for the following 18 semester hours of professional development:

EC-6: EDUC 4302, 4305, 4310, 4311, 4602
4-8: EDUC 4304, 4306, 4310, 4312, 4606
8-12: EDUC 4303, 4307, 4310, 4313, 4601
All-Level: May elect to follow the sequence for either the 4-8 or 8-12 list, but should remain consistent. EDUC 4603.

IMPORTANT: For the upper level education courses listed, none can be taken prior to documentation of passing THEA scores and admission to teacher education. Questions may be addressed to the Director of Teacher Education.

All undergraduate teacher education students are required to satisfactorily complete no more than 60 hours of observation prior to student teaching. The hours are in addition to the EDUC class hours. This involves observing in the classroom, assisting in service areas of the cooperating school, and working with groups of students. The times for the observation hours will be flexible, based on the class schedule of each individual student.

2333. NUTRITION, HEALTH, AND SAFETY FOR YOUNG CHILDREN (EC-6)
This course is designed to provide information related to nutrition, health, and safety in an educational setting for young children. Intended for partial fulfillment for those seeking certification in early childhood/elementary programs. This course is an on-site Service Learning Project held in conjunction with a local school district. Course must be taken concurrently with EDUC 2334.

2334. LEARNING ENVIRONMENT FOR YOUNG CHILDREN (EC-6)
This course is designed to provide an overview of the developmental stages and needs of the young child. Theories and principles related to early childhood development and education are included. Students will learn to design the learning environment which is appropriate for children in grades EC-6. Information including families and communities in the total education process for young children will be addressed. An outdoor learning component is included to maximize effective and appropriate developmental opportunities during play. This course also has a theatre arts and visual arts component. This course is an on-site Service Learning Project held in conjunction with a local school district. Course must be taken concurrently with EDUC 2334.

3401. SCIENCE FOR TEACHERS (EC-8)
This course is designed to provide science strategies and learning opportunities in science that are appropriate for children. Science concepts related to Texas public school curriculum (TEKS) are explored. This course does not satisfy science requirements for a major in science. Intended for partial fulfillment for those seeking certification in early childhood/elementary/middle school generalist programs. Prerequisites: BIOL 1301, 1102 or CHEM 1403, junior standing, and admission to the Teacher Education Program or consent of instructor.
4302. METHODS AND MANAGEMENT (EC-6)
This course addresses teaching methods, learning styles, classroom management, discipline management, instructional strategies, and the learning environment in grades EC-6. Students also learn how to deal with school/home and school/community communication. This course serves to confirm the student has adequate knowledge and skills to enter student teaching. Ten (10) hours observation in the elementary school are required. Prerequisite: Senior standing and admission to the Teacher Education Program.

4303. METHODS AND MANAGEMENT (8-12)
This course addresses teaching methods, learning styles, classroom management, discipline management, instructional strategies, and the learning environment in grades 8-12. Students also learn how to deal with school/home and school/community communication. This course serves to confirm the student has adequate knowledge and skills to enter student teaching. Ten (10) hours observation in the secondary school are required. Prerequisite: Senior standing and admission to the Teacher Education Program.

4304. METHODS AND MANAGEMENT (4-8)
This course addresses teaching methods, learning styles, classroom management, discipline management, instructional strategies, and the learning environment in grades 4-8. Students also learn how to deal with school/home and school/community communication. This course serves to confirm the student has adequate knowledge and skills to enter student teaching. Ten (10) hours observation in the elementary/middle school are required. Prerequisite: Senior standing and admission to the Teacher Education Program.

4305. CURRICULUM AND ASSESSMENT (EC-6)
This course will help students understand curriculum design and assessment of student learning. A major focus is to ensure student proficiency in planning lessons and appropriate assessment techniques. Content is closely tied to state public school laws, codes, organization, and curriculum requirements grades EC-6 (TEKS). The course also addresses instructional materials, and resources, and evaluation of student performance. This course requires ten (10) hours observation at a local elementary campus, grades early childhood to 6. Prerequisites: Senior standing and admission to the Teacher Education Program.

4306. CURRICULUM AND ASSESSMENT (4-8)
This course will help students understand curriculum design and assessment of student learning. A major focus is to ensure student proficiency in planning lessons and appropriate assessment techniques. Content is closely tied to state public school laws, codes, organization, and curriculum requirements grades 408 (TEKS). The course also addresses instructional materials, and resources, and evaluation of student performance. This course requires ten (10) hours observation at a local middle school, grade 4-8. Prerequisites: Senior standing and admission to the Teacher Education Program.

4307. CURRICULUM AND ASSESSMENT (8-12)
This course will help students understand curriculum design and assessment of student learning. A major focus is to ensure student proficiency in planning lessons and appropriate assessment techniques. Content is closely tied to state public school laws, codes, organization, and curriculum requirements grades 8-12 (TEKS). The course also addresses instructional materials, and resources, and evaluation of student performance. This course requires ten (10) hours observation at a local middle school campus, grade 8, or high school campus (9-12). Prerequisites: Senior standing and admission to the Teacher Education Program.
4310. PROFESSIONAL ROLES AND RESPONSIBILITIES

This capstone course discusses the professional roles and responsibilities of the teacher and examines the legal and ethical requirements of the profession. It includes information on interacting and communicating with parents, other educators, collaborating with colleagues, working with mentors, participating in professional development activities, and use of appropriate resources and technologies. It is also part of the preparation courses for the state of Texas Professional Development exam. Passing the practice Professional Development exam is required. Prerequisites: Senior standing and admission to Student Teacher Program.

4311. THE LEARNER (EC-6)

This course helps students develop an understanding and appreciation of an ability to work with diverse student populations in the classroom (grades EC-6). Students learn how to modify and deliver instruction for such special student populations as at-risk, multicultural, gifted, learning and physically disabled, and other special needs learners. The course also addresses diverse interests and intelligences, as well as diversity and social implications. Prerequisites: Senior standing and admission to the Student Teacher Program.

4312. THE LEARNER (4-8)

This course helps students develop an understanding and appreciation of an ability to work with diverse student populations in the classroom (grades 4-8). Students learn how to modify and deliver instruction for such special student populations as at-risk, multicultural, gifted, learning and physically disabled, and other special needs learners. The course also addresses diverse interests and intelligences, as well as diversity and social implications. Prerequisites: Senior standing and admission to the Student Teacher Program.

4313. THE LEARNER (8-12)

This course helps students develop an understanding and appreciation of an ability to work with diverse student populations in the classroom (grades 8-12). Students learn how to modify and deliver instruction for such special student populations as at-risk, multicultural, gifted, learning and physically disabled, and other special needs learners. The course also addresses diverse interests and intelligences, as well as diversity and social implications. Prerequisites: Senior standing and admission to the Student Teacher Program.

4380. DIRECTED STUDY IN EDUCATION

Subjects not offered as regular courses may be investigated by directed study pursuant to a plan proposed by the student and approved before registration by the supervising instructor and the appropriate dean. Students must have upper-level status, a 2.75 GPA, and completed basic discipline courses. May be repeated with a change of topic. Prerequisites: Admitted to the Teacher Education Program.

All assignments for student teaching or internships are made through the teacher education office. Under no circumstances is the student to arrange his or her own assignment with a particular teacher or school. Student teachers will be assigned to school districts in the Hill Country Center for Professional Development of Teachers Collaborative. It is generally the policy of the Schreiner University Teacher Education Program not to supervise student teachers or interns at locations more than 100 miles from Kerrville.

4601. STUDENT TEACHING (8-12)

The student teacher assumes a major responsibility for teaching and learning in the classroom(s) to which assigned. A minimum of 12 weeks in a public school setting is required. Prerequisites: Admission to student teaching, senior standing, and a minimum of 50 clock hours of observation.
must have been completed and documented in the office of Teacher Education prior to student teaching. Application for admission must be made no later than mid-term of the term prior to enrollment.

4602. STUDENT TEACHING (EC-6)

The student teacher assumes a major responsibility for teaching and learning in the classroom(s) to which assigned. A minimum of 12 weeks in a public school setting is required. Prerequisites: Admission to student teaching, senior standing, and a minimum of 50 clock hours of observation must have been completed and documented in the office of Teacher Education prior to student teaching. Application for admission must be made no later than mid-term of the term prior to enrollment.

4603. STUDENT TEACHING, ALL-LEVEL

The student teacher assumes a major responsibility for teaching and learning in the classroom(s) to which assigned. A minimum of 12 weeks in a public school setting is required. Prerequisites: Admission to student teaching, senior standing, and a minimum of 50 clock hours of observation must have been completed and documented in the office of Teacher Education prior to student teaching. Application for admission must be made no later than mid-term of the term prior to enrollment.

4604. INTERNSHIP I: TEACHER CERTIFICATION

This is designed for a student admitted to a teacher certification program under a post-baccalaureate plan and approved for an internship will focus on specified educational topic. Must register for EDUC 4604 during Fall term of the school year in which the internship is to be completed.

4605. INTERNSHIP II: TEACHER CERTIFICATION

This is designed for a student admitted to a teacher certification program under a post-baccalaureate plan and approved for an internship will focus on specified educational topic. Must register for EDUC 4605 during Spring term of the school year in which the internship is to be completed.

4606. STUDENT TEACHING (4-8)

The student teacher assumes a major responsibility for teaching and learning in the classroom(s) to which assigned. A minimum of 12 weeks in a public school setting is required. Prerequisites: Admission to student teaching, senior standing, and a minimum of 50 clock hours of observation must have been completed and documented in the office of Teacher Education prior to student teaching. Application for admission must be made no later than mid-term of the term prior to enrollment.

5301. DIVERSE LEARNERS IN THE GENERAL EDUCATION CLASSROOM

This course explores educational changes and adjustments resulting from the interaction of a variety of different cultural backgrounds and exceptional learners in the modern school. Specialized techniques, processes, and programs designed to meet unique learning needs of diverse learners in the general education classroom are studied.

5302. EVOLUTION OF EDUCATIONAL CHANGE

This is a philosophical analysis of issues in American education. Consideration is given to ethical and epistemological implications of issues with an emphasis on the evaluation of arguments for the adoption of educational policy.

5303. CURRICULUM AND INSTRUCTION

This is a systematic analysis of public school curricula. A critical study of the objectives, methods of curricular organization, and content used with school children grades EC-12. Ten (10) classroom hours of observation are required.
5304. EDUCATIONAL RESEARCH
Basic concepts of research design, strategies of experimental, historical, and descriptive research, and basic statistical procedures are introduced. Participants use these concepts to read, interpret, and evaluate educational research and to plan and conduct such research.

5305. PEDAGOGY AND PROFESSIONAL RESPONSIBILITIES
This course discusses the professional roles and responsibilities of the teacher and examines the legal and ethical requirements of the profession. This course is the capstone of the Graduate Teacher Certification Program.

5307. INTERNSHIP I: GRADUATE TEACHER CERTIFICATION
This is the first of two courses in which students will complete a one year internship on a probationary certificate. (Students must secure a position with a school district.) Graduate Faculty will provide a mentoring component including four (4) formal evaluations-two each semester. Interns will be expected to attend learning team meetings once a month throughout the internship which will include methods and management topics, relevant educational research, and contemporary classroom issues. Prerequisite: Acceptance in the Master of Education plus Certification Program.

5308. INTERNSHIP II: GRADUATE TEACHER CERTIFICATION
This is the second of two courses in which students will complete a one year internship on a probationary certificate. (Students must secure a position with a school district.) Graduate Faculty will provide a mentoring component including four (4) formal evaluations-two each semester. Interns will be expected to attend learning team meetings once a month throughout the internship which will include methods and management topics, relevant educational research, and contemporary classroom issues. Prerequisite: Acceptance in the Master of Education plus Certification Program.

5311. EDUCATIONAL RESOURCES AND FINANCE IN PUBLIC SCHOOL PROGRAMS
This course is a survey of current designs in educational finance for public school districts. Students will focus on the organization direction, management, and leadership for the program of a single school, including the role of local, state, and federal government agencies.

5312. SCHOOL/COMMUNITY RELATIONS AND COLLABORATION
This is a study of the strategies and design models for school and community collaboration. Students collaborate on a survey study of school/community relations resulting in a diagnosis of school culture and the design of a school action plan for improving school, family, and community relations.

5313. RESEARCH-BASED INSTRUCTION AND SUPERVISION OF LEARNING
This is an in-depth study of effective teaching and management strategies. Students will be offered the opportunity to examine the means available for measuring and diagnosing individual learning needs and styles and for selecting from alternative learning materials and environments those most appropriate to individual needs. Ten (10) classroom hours of observation are required for certification students only.

5321. SCHOOL BASED OPERATIONAL STRATEGIES
This includes general studies in current theories applicable to school operations; emphasis includes understanding theory and research from related academic fields; requirements include reviews of related research.

5322. ISSUES IN EDUCATION
This course studies current issues and problems in public schools. Investigation of research, practices,
and positions related to the issues studied. Exploration of available models for possible solutions or resolution of issues, as well as factors that may have an impact upon desired outcome.

5323. LEARNING THEORY AND CHILD DEVELOPMENT
This is a study of the incidence, prevalence, etiology, and characteristics of the student’s different learning styles and the relationship between learning styles and child development. Learning theory will be explored as an evolutionary catalyst for educational change.

5324. ASSESSMENT AND MEASUREMENT OF THE LEARNER
This course is designed to offer students the opportunity to develop knowledge and skills in selection, administration, and interpretation of instruments and procedures to evaluate individuals. Emphasis will be on assessment techniques, instruments, and procedures relevant to the education of children and youth.

5325. DIRECTED FIELD PROJECT
This is an organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Directed Field Project courses may be repeated for credit when the topics vary, but not more than 6 hours will apply to the master’s degree.

5340. ADVANCED DIAGNOSTIC AND CORRECTIVE READING
The focus of this course is on the diagnosis and remediation of reading problems in ages preschool through adult. Students will learn to diagnose reading problems and provide appropriate strategies for remediation. Student will analyze reading skills, explore causes of problems, and plan appropriate interventions. Ten (10) classroom hours of observation are required for certification students only.

5341. ADVANCED CONTENT READING STRATEGIES
The focus of this course is on the study of reading skills needed in various content areas. Emphasis is given to reading skills used in grades EC-12, such as study skills, readability of textual material in content fields, teaching of vocabulary and comprehension, and the interpretation of a variety of print media. Students will review current research on reading, examine materials and methods, and develop reading strategies for assisting learners with reading problems.

5601. INTERNSHIP: GRADUATE STUDENT TEACHING
This is a six course hour required classroom field experience designed for students admitted under a post-baccalaureate plan. Students will fulfill this requirement through 12 weeks of student teaching. Prerequisite: Admission to graduate student teaching program.

5642. THESIS
This course is the capstone of the Master of Education degree. Students will develop a topic of educational significance and write an acceptable thesis which will be presented to an education committee. This is an independent course that must be completed within five (5) years from the date of beginning the Master of Education program. Student must register every semester for this course until approval of the thesis. Graded S/U.

6301. SCHOOL LAW
This is a survey of current legal basis and practices in the policy administration of education and review of significant court decisions pertaining to educational operations. Emphasis is on rights and responsibilities of teachers and students and legislation related to multicultural institutional operations.
6302. EDUCATIONAL THEORY & LEADERSHIP
This is an introduction to the roles, tasks, and problems of positions in educational administration and their relationship to local, state, and federal government agencies.

6303. HUMAN RELATIONS IN EDUCATION
This is an analysis and identification of group processes and individual behavior which tend to enhance democratic interaction in the achievement of educational goals. Consideration of supportive roles requisite to the supervision of professionals in the educative process is included.

6312. SCHOOL BUSINESS ADMINISTRATION
This is an examination of curriculum planning and development, organizational leadership and the effects of demographic shifts on the school district as these changes affect education.

6604. ADMINISTRATOR INTERNSHIP
The Administrator Internship is an individually supervised field experience with educational administrators utilizing a related applied research activity.

EDUCATIONAL PSYCHOLOGY (EPSY)

2302. FOUNDATIONS OF EDUCATION IN THE CLASSROOM
This course provides an opportunity to explore a career in education and the various aspects of the teaching professional. Students will examine their commitment to teaching, the purpose of education, the public school classroom, and the relationship of various curriculum areas. Students will become familiar with the state competencies for Texas teacher certification and the Texas Essential Knowledge and Skills. Formal application process into the Teacher Education Program will be conducted. The course includes 10 hours observation in actual classroom settings. Prerequisite: Sophomore standing.

3330. CHILD GROWTH AND DEVELOPMENT (EC-12)
This course is designed to provide information related to physical, cognitive, and affective development of young children and adolescents. This course is intended for partial fulfillment for those seeking certification in early childhood, elementary, and secondary programs. This course requires 10 hours of classroom observation. Prerequisite: Admission to the Teacher Education Program or consent of instructor.

ENGINEERING (ENGR)
Schreiner University offers a three-year program which exceeds the core curriculum of the Texas State Coordinating Board. Any branch of engineering or engineering technology may be pursued through either the standard two-two plan (two years associate degree at Schreiner/two years at a senior engineering institution) or the three-two dual degree program (two bachelors degrees in five years). See description of the 3-2 plan under “Special Programs.”

1310. TECHNICAL GRAPHICS
This is the beginning course in technical graphics: sketching, three-dimensional visualization, orthographic views, isometric drawing, and auxiliary views, with emphasis on computer-aided drawing (AutoCAD).
ENGLISH (ENGL)

Schreiner University offers courses leading to the Bachelor of Arts degree with a major in English. The English program supports the tenets of liberal arts education expressed in the philosophy of the University. English courses prepare students for careers in foreign and public service, law, the ministry, communications, teaching, and research. Both the major and minor prepare students for related graduate studies.

In lower division courses, students focus on reading, writing, research, and other language competencies. Sophomore level literature courses introduce students to a wide range of literature from ancient to modern periods.

In upper division surveys and seminars, students examine national literatures, periods, and genres in depth. Students refine their research and writing skills as they prepare to construct and present a senior project.

Professors encourage English majors and minors to attend plays, readings, and conferences; to publish both scholarly and creative writing; and to participate in university publications such as The Muse, the Schreiner University Yearbook, and The Mountaineer. Because English majors and minors should understand both cultural and historical contexts of language and literature, they should enroll in both HIST 1350 and HIST 1351.

The major in English consists of ENGL 2340 and 2341 plus 36 advanced English hours, excluding ENGL 3301, 3303, 3306, 3307, and 3308 but including ENGL 3320, 3321, 3322, 3330, 3331, 3332, 4351 and 4399.

Students seeking teacher certification in English should consult the Teacher Education section of this catalog for specific course selection.

Placement in English courses is based on English placement assessment.

0302. DEVELOPMENTAL COMPOSITION I
A developmental course in which students review grammar, usage, and sentence structure, this course emphasizes the development of analytical reading skills. The course does not satisfy degree requirements. Any student earning a “C” or higher will be eligible to move on to ENGL 1301. Any student earning a “D” will be placed in ENGL 0303.

0303. DEVELOPMENTAL COMPOSITION II
A developmental course designed to improve students’ expository writing and analytical reading, this course requires students to read short texts and to construct a writing portfolio. The course does not satisfy degree requirements.

1301. (1301) RHETORIC AND COMPOSITION
A course designed to prepare students for academic writing, this course focuses on mechanics of expression and principles of English usage, refinement of writing techniques, critical writing skills, responses to written materials, and development of a clear, forceful prose style. Students completing this course should be able to present writing in response to a specific reading and demonstrate proficiency in reading and thinking critically.

1302. (1302) LITERATURE AND COMPOSITION
Providing an introduction to literature with units on the short story, drama, and poetry, this course emphasizes discussion and writing about great works of literature. Students will learn both to recognize and to apply literary techniques to thematic concerns, explicating short works as they organize and develop essays in MLA format. Prerequisite: ENGL 1301.
2310. INTRODUCTION TO JOURNALISM
An introduction to journalistic writing, this course addresses differences between journalism and composition, with particular emphasis on journalistic tasks: writing the lead and a balanced news story; conducting an interview; testing for libel; and preparing layout and design of broadsheet and tabloid pages. Students construct a writing portfolio and publish in the student newspaper. Prerequisites: ENGL 1301 and 1302.

2320. (2326) STUDIES IN AMERICAN LITERATURE
This is a general treatment of the seminal themes, theories, and ideas found in the literature of the United States from colonial times to the present. Prerequisite: ENGL 1302.

2340. (2332) WORLD LITERATURE THROUGH THE RENAISSANCE
A survey of the masterpieces of world literature from the ancient world through the Renaissance, this course emphasizes historical, generic, and thematic connections. Prerequisite: ENGL 1302.

2341. (2333) WORLD LITERATURE FROM THE RENAISSANCE
A survey of the masterpieces of world literature from the Age of Reason to the present, this course emphasizes historical, generic, and thematic connections. Prerequisite: ENGL 1302.

3301. ENGLISH STUDIES FOR TEACHERS
Designed for students preparing for careers in education, this course emphasizes approaches to analyzing texts, strategies for motivating students to read literature, promotion of student appreciation of literature, the teaching of traditional literary devices (imagery, tone, dialogue, characterization, irony, figurative language), strategies for designing effective assessment tools, evaluation of student compositions, and the increase of student proficiency in comprehending literary texts. Does not fulfill advanced English requirements. Prerequisites: ENGL 1301, 1302, junior standing and admission to the Teacher Education Program.

3303. TECHNICAL COMMUNICATION
This course provides instruction about preparing the kinds of writing expected in professional occupations. Students will prepare documents about issues related to their major areas of study—usually in the fields of accounting, business, engineering, science, and education. Writing assignments include presentations, memos, reports, and letters about cultural awareness, gender diversity, oral presentation evaluation, interviewing skills, use of PowerPoint, page and website design, and ethics cases. This course fulfills the advanced English composition requirement for students who may take a course in technical writing, but does not fulfill advanced requirement for English. Prerequisites: ENGL 1302 and junior standing.

3306. CREATIVE WRITING
This course provides students with skills inherent in the writing process—observation, assimilation, and evaluation—focusing on journal writing, poetry, fiction, travel writing, and publication. This course does not fulfill an advanced English requirement. Prerequisites: ENGL 1302 and junior standing.

3307. ADVANCED COMPOSITION
A capstone composition course emphasizing exposition and argument, this course emphasizes personal and analytical essays, with specific address to audience, purpose, and prose style. Encouraged to practice writing strategies appropriate to their chosen disciplines, students explore contemporary essays and discussions of composition and revision. This course fulfills the advanced English composition distribution requirement, but does not fulfill an advanced English requirement. Prerequisites: ENGL 1302 and Junior standing.
3308. GRAMMAR AND SYNTAX
This is a study of standard written English, emphasizing sentence, paragraph, and essay construction, usage, grammatical expression, revision, and style. The course includes a thorough review of the parts of speech, the traditional rhetorical modes, and literary and rhetorical terminology. Does not fulfill advanced English requirements. Prerequisites: ENGL 1301, 1302 and junior standing.

3320. LITERARY CRITICISM
This course addresses theories of literary critique, with emphasis placed upon the student’s development of scholarly research—including location of secondary sources—and scholarly writing, including analysis and application of secondary criticism. During the semester, the student will construct a major paper, applying a particular critical theory to a primary literary text. This course provides a cornerstone for advanced literary analysis and thus should be taken prior to ENGL survey courses (3321, 3322, 3330, 3331). Prerequisite: ENGL 3307 or concurrent enrollment.

3321. AMERICAN LITERATURE FROM THE COLONIAL PERIOD THROUGH THE CIVIL WAR
A survey of American literature from 1620 to 1865, this course addresses representative authors whose works are connected to historical events, emphasizing social, intellectual, and aesthetic movements. Prerequisites: ENGL 3307 and 3320, or concurrent enrollment, or consent of instructor.

3322. AMERICAN LITERATURE FROM THE POST-CIVIL WAR PERIOD TO THE PRESENT
A survey of American literature from 1865 to the present, this course addresses representative authors whose works are connected to historical events, emphasizing social, intellectual, and aesthetic movements. Prerequisites: ENGL 3307 and 3320, or concurrent enrollment, or consent of instructor.

3330. BRITISH LITERATURE FROM THE MIDDLE AGES THROUGH THE AGE OF REASON
A survey of British literature from Beowulf to 1800, this course addresses representative authors whose works are connected to historical events, emphasizing social, intellectual, and aesthetic movements. Prerequisites: ENGL 3307 and 3320, or concurrent enrollment, or consent of instructor.

3331. BRITISH LITERATURE FROM THE ROMANTIC PERIOD TO THE PRESENT
A survey of British literature from 1800 to the present, this course addresses representative authors whose works are connected to historical events, emphasizing social, intellectual, and aesthetic movement. Prerequisites: ENGL 3307 and 3320, or concurrent enrollment, or consent of instructor.

3332. STUDIES IN SHAKESPEARE
This course emphasizes reading and in-depth analysis of six major plays, examining the rich critical background of Shakespearian studies. Prerequisites: ENGL 1302, and either 2340 or 2341 and junior standing, or consent of instructor. See THRE 3332.

3340. CHILDREN’S AND YOUNG ADULT LITERATURE
This course is designed to acquaint participants with the nature, scope, and uses of children’s and young adult literature for instructional, informational, and recreational purposes. The implications of current theory, significant research, and issues in literature study will be investigated and examined as they relate to the PreK-12 learner. It examines the range of literature written for children and young adults from picture books to novels, including fiction, poetry, and informational books. Emphasis will be given to selecting appropriate literature, developing literature-based instruction, and understanding the multicultural contexts of literature. Prerequisites: ENGL 1301, 1302. 
3350. SEMANTICS
This course emphasizes the impact of language on perceptions and behavior; ethical and unethical language manipulation; the implications of language; and effects of language manipulation in speech and writing. Prerequisites: ENGL 1302, and either 2340 or 2341 and junior standing, or consent of instructor.

3360. STUDIES IN POETRY
A study of poetry, this course will use close examination of specific literary periods or individual authors to develop an inclusive understanding and appreciation of poetic form, conventions and theme as it develops within or across historical periods and/or cultures. Course may be repeated with change or content. Prerequisite: junior standing or consent of the instructor.

3371. MYTHOLOGY
This course examines world mythology, with an emphasis on Greek, Roman, Scandinavian, Hebrew, and Native American stories. Since myths symbolize human experience and embody the spiritual values of a culture, they are studied using various interpretations, including historical, sociological, and psychological perspectives. Prerequisite: ENGL 1302 and junior standing.

4306. ADVANCED CREATIVE WRITING
The study and practice of advanced techniques of writing poetry, fiction, drama and creative non-fiction, this course will offer the serious creative writer an opportunity to refine their creative process through writing exercises, focus on one genre, close editing, and workshop discussion. Prerequisite: ENGL 3306.

4330. AMERICAN ETHNIC LITERATURE
A study of major ethnic writers from selected periods in American history, this course emphasizes cultural, social, and political themes as reflected in representative works. Prerequisites: ENGL 1302, and either 2340 or 2341 and junior standing, or consent of instructor.

4340. DRAMATIC LITERATURE
This course includes readings in American, British, and Continental literature, with emphasis on the development of ideas, themes, and motifs. Prerequisites: ENGL 1302, and either 2340 or 2341 and junior standing, or consent of instructor. See THRE 4340.

4343. ADVANCED STUDIES IN SHAKESPEARE
This course emphasizes advanced reading and in-depth analysis of six major plays, examining the rich critical background of Shakespearean studies. Play selection may be augmented or replaced by representative longer poetry or Sonnet sequence. Prerequisite: ENGL 3332, or consent of the instructor (see THRE 4343).

4351. HISTORY OF THE ENGLISH LANGUAGE
This course includes study of the origin and development of the English language, with emphasis on phonology, morphology, and transitional grammar. In addition, students examine dialects, spelling, dictionaries, and vocabulary sources. Prerequisites: ENGL 1302, and either 2340 or 2341 and junior standing, or consent of instructor.

4363. RELIGION IN LITERATURE AND FILM
This course includes the reading of several novels and selected contemporary fiction as well as the screening of contemporary films that invite religious reflection on modern and post-modern world
4365. LITERARY PERIODS AND GENRES
This course includes readings and critical approaches to American, British, and Continental literature, with emphasis on international crosscurrents, literary techniques, and thematic concerns. Course topics may be broadly periodical in nature—the Renaissance, the Age of Reason, Romanticism, the Victorian Age, Realism, Naturalism, Modernism, Postmodernism—or more genre oriented, as in a recent course which addressed the Vietnam Conflict, examining both American military/civilian perspectives, and the situation/mindset of the Vietnamese civilian. This course may be repeated when topics vary. Prerequisites: ENGL 1302 and either 2340 or 2341 and junior standing, or consent of instructor.

4370. TOPICS IN ENGLISH
This course emphasizes regional literature and folklore; literatures including comparative, women’s, and post-colonial; and advanced grammar, usage, and style. Topics for study include Advanced Grammar, Dadaism and Performance Art, Southern Writers, and Selected Areas of Women’s Writing. This course may be repeated when topics vary. Prerequisites: ENGL 1302, and either 2340 or 2341 and junior standing, or consent of instructor.

4380. DIRECTED STUDY IN ENGLISH
Subjects not offered as regular courses may be investigated by directed study pursuant to a plan proposed by the student and approved before registration by the supervising instructor and appropriate dean. Enrolling students must have upper-level status and at least a 2.0 GPA. This course may be repeated when topics vary. Prerequisites: ENGL 1302, and either 2340 or 2341 and junior standing.

4399. SENIOR PROJECT IN ENGLISH
This is an independent capstone research investigation culminating in a senior thesis or comparable senior project. For the purpose of departmental evaluation this course will also administer an exit competency exam, and oversee compilation of a cumulative portfolio.

EXERCISE SCIENCE (EXSI) and
SPORT MANAGEMENT (SPMG)

Schreiner University offers courses leading to a Bachelor of Arts and a Bachelor of Science degree with a major in Exercise Science. Exercise Science is the study of scientific applications to human movements and performance. Since it is the means to all accomplishments, movement is one of the most important things that man does. The study of Exercise Science seeks to determine the physiological, psychological, and sociological factors influencing simple movement and/or exercise. The program emphasizes the scientific application of these factors to human performance. The ability to logically and scientifically analyze and evaluate human performance is useful in many areas.

Many professional possibilities exist in the area of Exercise Science, and more are becoming available each year. Some students elect to pursue a teaching certificate in order to teach Physical Education in public or private schools. Other students may choose to work as exercise leaders or fitness directors in private athletic facilities or corporate fitness programs.

For the B.A. degree: BIOL 2401, 2402, CHEM 1403, EXSI 1301, 2305, 3307, 3320, 3321, 4323, 4325, 4395, 4422, and additional six-hours advanced EXSI.
For the B.S. degree: BIOL 2401, 2402, 2302, CHEM 1101, 1301, 1102, 1302, PHYS 1401, PHYS 1402 or CHEM 3412, MATH 2422 and 2423 or CHEM 3411, EXSI 2305, 3307, 3320, 3321, 3398, 4323, 4325, 4395, 4396, and 4422.

In addition, EXSI 2302 is recommended.

Students seeking teacher certification in physical education (EXSI) should consult the Teacher Education section of this catalog for specific course selection.

Schreiner also offers courses leading to a Bachelor of Arts degree with a major in Sport Management.

The Sport Management major prepares students for careers in the fields of sport business, management of sport, and sport marketing by combining business related courses with studies of sport and physical education. Possible employment opportunities in Sport Management include professional sports teams, intercollegiate athletic programs, intercollegiate athletic conferences and associations, public and private facilities, corporate wellness programs, high school athletic programs, private sport clubs, sport marketing firms, and various amateur sport organizations.

The Sport Management major at Schreiner University is designed for those individuals who wish to embark on one of the following career paths: (1) pursue a career in Sport Administration, such as an Athletic Director at a high school; (2) go on to graduate studies and work on college/university level; (3) work with professional sports teams and professional athletes; and/or (4) manage and direct sport facilities such as health clubs, sports arenas, ball parks, and stadia.

The degree plan is consistent with the accreditation criteria maintained by the North American Society of Sport Management (NASSM).

The major consists of BIOL 2401, 2402, ACCT 2301, BSAD 1301, 3350, ECON 2301, 2302, EXSI 1301, 2302, 2305, 2310, 3320, 3323, 3330, 3340, 3341, 3350, 3398, 4330, and 4395.

1201. (1238) INDIVIDUALIZED FITNESS

This course is designed to give students the knowledge necessary to develop an effective individualized fitness program. Also emphasized is the development and assessment of the four health-related physical fitness components: cardiovascular endurance, muscular strength and endurance, muscular flexibility, and body composition. Nutritional considerations, cardiovascular disease and cancer are also discussed.

1301. INTRODUCTION TO EXERCISE SCIENCE

This course introduces the student to the field of Exercise Science, including physical education and sport. This overview emphasizes historical trends in Exercise Science as they relate to the evolution of the major subdisciplines of the field.

2103. PHYSICAL ACTIVITY: YOGA

Introduction to Yoga is designed to present the various physical and holistic applications of hatha (traditional) yoga. This will provide students with an opportunity to increase their muscular flexibility and core strength via pranayama, asanas and mental focus through relaxation / meditative techniques. Students must know and demonstrate a basic understanding of 20 asanas, the major types of yoga and the basic historical traditions and background of yoga. Course may be repeated. Appropriate for all students at all class levels.

2104. PHYSICAL ACTIVITY: VOLLEYBALL

This course is designed to present the activity of volleyball, so that the students become more proficient at this sport and increase their enjoyment, knowledge and understanding of it. Does not fulfill EXSI core requirement. Prerequisite: EXSI 1201.
2105. PHYSICAL ACTIVITY: TENNIS
This course is designed to present the activity of tennis, so that the students become more proficient at this sport and increase their enjoyment, knowledge and understanding of it. Does not fulfill EXSI core requirement. Prerequisite: EXSI 1201.

2106. PHYSICAL ACTIVITY: RACQUETBALL
This course is designed to present the activity of racquetball, so that the students become more proficient at this sport and increase their enjoyment, knowledge and understanding of it. Does not fulfill EXSI core requirement. Prerequisite: EXSI 1201.

2107. PHYSICAL ACTIVITY: SOFTBALL
This course is designed to present the activity of softball, so that the students become more proficient at this sport and increase their enjoyment, knowledge and understanding of it. Does not fulfill EXSI core requirement. Prerequisite: EXSI 1201.

2108. PHYSICAL ACTIVITY: JOGGING
This course is designed to present the activity of jogging, so that the students become more proficient at this sport and increase their enjoyment, knowledge and understanding of it. Does not fulfill EXSI core requirement. Prerequisite: EXSI 1201.

2109. PHYSICAL ACTIVITY: PICKLEBALL
This course is designed to present the activity of pickleball, so that students become more proficient at this sport and increase their enjoyment, knowledge and understanding of it. Does not fulfill EXSI core requirement. Prerequisite: EXSI 1201.

2302. SCIENTIFIC PRINCIPLES OF COACHING
This course introduces the student to the three scientific disciplines directly related to human performance: Sports Psychology, Biomechanics and Exercise Physiology. Categorization and presentation of information occurs in two separate areas: First, an investigation of the basis of human performance occurs. Secondly, scientific topics, directly applicable to coaching situations, are presented.

2305. SCIENTIFIC FOUNDATIONS OF STRENGTH AND CONDITIONING
This course is designed to provide EXSI majors with practical experiences related to strength training, fitness conditioning and personal training concepts. Students are introduced to the physiology of active human skeletal muscle and will learn how to apply this knowledge to the design of strength and conditioning programs for a variety of populations. This class is intended to prepare students for possible certification by the National Strength and Conditioning Association as certified strength and conditioning specialists.

2310. INTRODUCTION TO SPORT MANAGEMENT
This course investigates the scope of the sport industry nationally and internationally. Functions of management and requisite skills of sport managers will be a primary focus. Attention will be given to the managerial process and its relationship to sport organizations and their products. Students will become acquainted with career opportunities in the sport management field.

3307. PROGRAM ADMINISTRATION
This course addresses a variety of topics involved in the administration of fitness programming, including safety, emergency procedures, facility design and layout, risk stratification and dealing with special populations. As part of successful completion of the class, participants will earn First Aid/ CPR and AED certification.
3320. MEASUREMENT AND EVALUATION IN EXERCISE SCIENCE
This course introduces the student to the statistical tools necessary to select, analyze and interpret test data, pertinent to the field of Exercise Science. Students also investigate various physical, cognitive and psychomotor tests and the importance of insuring validity, reliability and objectivity in testing procedures. Prerequisites: MATH 1310 and Junior standing.

3321. KINESIOLOGY
This course will assist the student in understanding the fundamentals of human movement. Emphasis will be placed on the study of the skeletal and muscular systems and the movements that are possible at the numerous articulations of the body. Principles learned in the course will allow the student to explain how and why the human body moves in the manner it does. The student will also learn to analyze biomechanical technique in advanced motor skills, as required in teaching and coaching complex movement. Prerequisites: BIOL 2401 & 2402 or consent of instructor and Junior standing.

3323. SPORT LAW
This course is designed to provide physical educators, coaches and other practitioners in the field of exercise science with a background in fundamental legal considerations and the relationship to the working environment. Topics include: The nature of legal concern in physical education and sport; legal duties of practitioners in the field; supervision; safe environments; matters such as waivers, insurance, transportation; and the rights of practitioners and their clients/students. Prerequisite: Junior standing.

3330. THE HISTORY AND PHILOSOPHY OF SPORT IN AMERICA
This course examines the role of sport in American culture from the indigenous peoples to the modern day. This examination includes an analysis of the history and philosophy of sport and exercise science (physical education) in the United States and the contributions of women, men, and various social movements to this history. To accomplish this analysis, students study the historical issues of competition, race, ethnicity, and gender in relation to social, political, cultural, and economic philosophies. Prerequisites: Junior standing and EXSI 1301.

3340. THE STRUCTURE AND ORGANIZATION OF SPORT
This course analyzes the growth and development of sport in a global fashion with a special emphasis on the structure and organization of various sports bodies. These include youth sports organizations, public school athletic associations, club/select sports programs, intercollegiate athletics, professional sports institutions, and international sports alliances. Students study the basics of organization, hierarchical structures at all levels, and the production of sporting events (minor to major, local to international). Additionally, historical influences upon current structural and organizational sports models in the United States are considered. Prerequisites: Junior standing and EXSI 1301.

3341. THE SOCIOLOGY OF SPORT
“The Sociology of Sport” is designed to examine sport as it impacts upon various social institutions: including, but not limited to, education, politics, economics, family structure, and religion. Additionally, the undercurrents of society, such as racism, gender issues, and class conflict, will be examined. This examination will result in students having a better understanding of sport and society. These and other issues will be discussed and examined in this course. This is a three-credit hour course required for some degree programs in Exercise Science, or it may be used as elective credit in a degree program. Prerequisite: Junior standing.

3350. SPORT MARKETING AND PROMOTION
This is an application of the fundamental principles used in the marketing of sport and events. It is an introduction to service quality for increasing customer satisfaction and effectiveness of sport organizations. Prerequisite: EXSI 2310.
3398. INTERNSHIP IN EXERCISE SCIENCE
This course is designed to provide practical/clinical experiences to the non-teacher certification Exercise Science major. Course can be repeated once. Prerequisite: 75 hours earned.

3405. THEORY AND METHODS: TEACHING ACTIVITIES
This is the study of methods necessary to teach individual, dual and team activities in instructional settings. The course investigates training theories, philosophies and strategies of teaching, curricular considerations and other aspects of performance. Practical application and participation activities are conducted. Prerequisite: Junior standing.

3406. ADVANCED PHYSIOLOGY
This is an advanced study of the physiology of human systems, including weekly laboratory session. This course is intended for students preparing for graduate or professional school in the health sciences. Prerequisites: BIOL 2401, 2402 and junior standing, or consent of instructor. (3-3) See BIOL 3406.

4323. MOTOR LEARNING
Through a study of learning in the psychomotor domain, motor learning theories are proposed to answer the questions, “How do individuals learn movement? How are motor skills best taught and learned? How can movement skills be most efficiently practiced?” Motor development in the young child is also discussed. Prerequisites: BIOL 2401 & 2402 or consent of instructor and Junior standing.

4324. ATHLETIC TRAINING: INJURY TREATMENT AND PREVENTION
This is a study of recognition, diagnosis, and treatment of athletic injuries. The study of methods of conditioning to prevent injury and rehabilitate injured athletes. Prerequisites: BIOL 2401 & 2402 or consent of instructor and Junior standing. (2-1)

4325. NUTRITION AND EXERCISE PERFORMANCE
This course will review the fundamental principles of human nutrition and the current knowledge of the impact of diet on human performance. The dietary nutrients that provide energy for movement, the factors that affect the sources of energy during exercise, and the concept of energy balance and its effect on body weight and body composition will be discussed. Prerequisites: BIOL 2401 & 2402, CHEM 1101, 1301 or 1403, and EXSI 4422, Junior standing.

4330. SPORT FINANCE
This course is an introduction to financial analysis and budgeting techniques in the context of sport organizations; conventional and innovative methods for the acquisition of revenue available to sport organizations. Prerequisites: ACCT 2301 and EXSI 2310.

4370. TOPICS IN EXERCISE SCIENCE
This course provides an in-depth study of various topics in Exercise Science, which may not be offered in the regular Exercise Science curriculum. This course may be repeated when the topics vary. Prerequisite: Junior standing.

4395. RESEARCH APPLICATIONS IN EXERCISE SCIENCE
Students are taught to understand the mechanisms of scientific discovery by completing a research project on a topic of their interest. Prerequisites: Senior status and 18 hours of EXSI.

4396. CERTIFICATION PREPARATION
This course prepares students to sit for a field-related certification examination offered by the respec-
tive certifying organization. The most expert faculty member in the chosen field will guide the student in an independent study of the exam material. At the end of the course, students are encouraged to register for and complete the certification examination or activities. Prerequisite: Senior status and 18 hours of EXSI

4422. PHYSIOLOGY OF EXERCISE
This course is designed to first review the basic physiology of three important bodily systems: muscular, cardiovascular and respiratory, and then to apply these concepts to the special situation of exercise stress both in a lecture and laboratory context. Weekly laboratory exercises will include investigation of maximal oxygen consumption, lactate and ventilatory threshold, parameters of muscular strength and EKG stress testing, among others. Prerequisites: BIOL 2401, 2402, and junior standing. (3-3)

FRENCH (FREN)

Students with a placement score at the level of FREN 1402 or above may, upon written request to the Registrar, be given credit for required courses at the appropriate level.

1401. ELEMENTARY FRENCH I
This is an introductory course which focuses upon basic reading, writing, listening and speaking of French. Significant aspects of French-language cultures are also addressed. This course is the first in a sequence of introductory French courses.

1402. ELEMENTARY FRENCH II
This course, a continuation of FREN 1401, expands reading, writing, listening and speaking skills as it expands knowledge of French-language cultural traits. Prerequisite: FREN 1401 or appropriate placement test score.

2303. (2311) INTERMEDIATE FRENCH I
This course provides a comprehensive review of major grammatical structures and vocabulary and expands upon them via cultural and contemporary readings. Course conducted primarily in French. Prerequisite: FREN 1402 or appropriate placement test score.

2304. (2312) INTERMEDIATE FRENCH II
This course expands upon information presented in FREN 2303. Course conducted primarily in French. Prerequisite: FREN 2303 or appropriate placement test score.

4370. TOPICS IN FRENCH
This is a study of subjects not otherwise offered. May be repeated when topics vary. Prerequisite: FREN 2304.

4380. DIRECTED STUDY IN FRENCH
Subjects not offered as regular courses may be investigated by directed study pursuant to a plan proposed by the student and approved before registration by the supervising instructor and the appropriate dean. Normally, students enrolling will have upper-level status, a 2.0 GPA, and completed basic discipline courses. May be repeated with a change in topic.
GERMAN (GERM)

Students with a placement score at the level of GERM 1402 or above may, upon written request to the Registrar, be given credit for required courses at the appropriate level.

1401. ELEMENTARY GERMAN I
This is an introductory course which focuses upon basic reading, writing, listening and speaking of German. Significant aspects of German-language cultures are also addressed. This course is the first in a sequence of introductory German courses.

1402. ELEMENTARY GERMAN II
This course, a continuation of GERM 1401, expands reading, writing, listening and speaking skills as it expands knowledge of German-language cultural traits. Prerequisite: GERM 1401 or appropriate placement test score.

2303. (2311) INTERMEDIATE GERMAN I
This course provides a comprehensive review of major grammatical structures and vocabulary and expands upon them via cultural and contemporary readings. Course conducted primarily in German. Prerequisite: GERM 1402 or appropriate placement test score.

2304. (2312) INTERMEDIATE GERMAN II
This course expands upon information presented in GERM 2303. Course conducted primarily in German. Prerequisite: GERM 2303 or appropriate placement test score.

4370. TOPICS IN GERMAN
This is a study of subjects not otherwise offered. May be repeated when topics vary. Prerequisite: GERM 2304.

4380. DIRECTED STUDY IN GERMAN
Subjects not offered as regular courses may be investigated by directed study pursuant to a plan proposed by the student and approved before registration by the supervising instructor and the appropriate dean. Normally students enrolling will have upper-level status, a 2.0 GPA, and completed basic discipline courses. May be repeated with a change in topic.

HISTORY (HIST)

Schreiner University offers courses leading to the Bachelor of Arts degree with a major in History, with concentrations in either American or European History. The program is designed to instill in students a broad and analytical outlook which is essential for a truly educated and productive citizen.

Lower level courses focus on acquisition of historical knowledge, historical thinking, writing skills, and conceptual analysis.

Upper division courses and seminars emphasize historical research, evaluation of sources, and critical historical analysis. The history faculty assumes that an objective and accurate assessment of historical trends will cultivate in each student a greater awareness and appreciation of contemporary society and lead to greater individual awareness and appreciation.

Employment opportunities for liberal arts graduates in general, and History majors in particu-
lar, are expanding significantly. History graduates are qualified to enter fields such as teaching, law, foreign and government service, paralegal professions, business, communications, and research. Both the major and minor in history prepare students for related graduate studies.

A major in History consists of the following:

HIST 1301, 1302, 1350, and 1351.

In addition, majors must have 24 advanced semester hours from the following:

- at least 6 sem. hours from: HIST 3321, 3323, 3324, 3325, 3326
- at least 3 sem. hours from: non-U.S., non-European
- at least 6 sem. hours from: HIST 3305, 3306, 3307, 3311
- HIST 4360 or 4399 is required.

Plus 6 hours to total 24 advanced hours.

Students seeking teacher certification in history should consult the Teacher Education section of this catalog for specific course selection.

1301. (1301) UNITED STATES HISTORY THROUGH THE CIVIL WAR
This is an analysis of United States history from its colonial foundations through the Civil War. Areas of study include the Revolution, the promulgation of the Constitution, the Federalist period, Jacksonianism, Manifest Destiny, and a causal analysis of the Civil War.

1302. (1302) UNITED STATES HISTORY SINCE THE CIVIL WAR
This is a continuation of United States history covering such topics as Reconstruction, Populism, Progressivism, the two world wars, and the post-World War II period.

1350. (2321) WORLD CIVILIZATIONS TO 1600
This is an historical study of man from ancient times to the beginning of the modern age. Emphasis is on the social, cultural, and intellectual history of the period.

1351. (2322) WORLD CIVILIZATIONS FROM 1600
This is an historical study of the rise of man from the Renaissance. Topics include the rise of modern thought, the genesis of modern science, industrialism and its byproducts, nationalism, and the two world wars. The emphasis is on the intellectual, social, and cultural history of the period.

2170. TOPICS IN HISTORY
This is an in-depth study of particular topics in history, either American, European, non-Western. May be repeated when topics vary.

2270. TOPICS IN HISTORY
This is an in-depth study of particular topics in history, either American, European, non-Western. May be repeated when topics vary.

2303. (2301) TEXAS HISTORY
This is a study of Texas from 1517 to the present. Topics include colonial status, nationhood, statehood; reconstruction; the rise of the cattle kingdom; expansion of transportation and industry; and recent political, economic, and social developments.

3301. SOCIAL STUDIES FOR TEACHERS, ELEMENTARY GRADES
Designed for students preparing for careers in elementary school education, this course focuses on
providing an integrated approach to social studies with an emphasis on the geography of Texas, the United States, and the world, including map skills. Objectives cover essential elements required to prepare teachers of social studies in Texas elementary schools. May not be used to satisfy upper level history requirements for a major in history. Prerequisites: HIST 2303 recommended, Junior standing and admission to the Teacher Education Program.

3305. UNITED STATES CONSTITUTIONAL HISTORY
This course is a constitutional study of the United States with emphasis on those Supreme Court decisions that have altered the social, economic, and political institutions of American society from 1781 to the present. Prerequisite: Junior standing or consent of instructor. See POLS 3305.

3306. AMERICAN CONTROVERSY AND CONFLICT
This is a study of major conflicts in America from 1816 to the present. Emphasis is placed on the social, economic, and political struggles. Prerequisite: Junior standing or consent of instructor.

3307. CIVIL WAR AND RECONSTRUCTION
This is an in-depth causal analysis of the Civil War and the tensions generated from the Reconstruction era. Prerequisite: Junior standing or consent of instructor.

3311. UNITED STATES HISTORY FROM 1945
This is a history of our recent past designed to help students develop a thorough understanding of contemporary United States society. Special emphasis will be given to the major domestic, political, diplomatic, social, and cultural events of the period. Prerequisite: HIST 1302 or consent of instructor.

3313. AMERICAN WOMEN’S HISTORY
This course is an examination of American women from the colonial period to the present. Within the context of race and class in the United States, the course will look at the social, cultural, political and economic roles of women and their contribution to American life and society. The focus of the class will be not only on the status of women in American history but also on what their status tells us about larger issues in American history and life. Prerequisites: HIST 1301, 1302.

3321. THE REFORMATION ERA
This is a comprehensive treatment of the period from 1500 through 1650, during which time the unifying umbrella of Christianity was shattered. Topics include a causal analysis of the Reformation, Lutheranism, the spread of Protestantism and the Catholic revival, and religious conflicts and consequences. See RELI 3321.

3323. EUROPE, 1789-1850
This is a study of Europe with particular emphasis on the breakdown of the Old Regime, the French Revolution, the Napoleonic Imperium, the Restoration period, and the causes and results of the 1848 Revolutions. Prerequisite: HIST 1351 or consent of instructor.

3324. EUROPE, 1850-1920
This is the study of middle and late nineteenth century Europe, the unification of Italy and Germany, Imperialism, the rise of “subjectivity” in thought and culture. World War I, and the dissolution of Old Europe. Prerequisite: HIST 1351 or consent of instructor.

3325. EUROPE SINCE 1920
This is a study of the twentieth century attempts at problem-solving by peace settlements and inter-
national organizations, the rise of totalitarian societies and World War II, and consideration of the aftermath of the political collapse of Europe. Prerequisite: HIST 1351 or consent of instructor.

3326. EARLY MODERN EUROPE, 1400-1789
This is an in-depth analysis of the crucial period of transition from the end of the Middle Ages to the Ancient Regime. Topics include the Renaissance, Scientific Revolution and the emergence of a new world-view, constitutionalism and the English civil war, the rise of Industrialism, and the Enlightenment and Neo-classicism. Prerequisites: HIST 1350 or HIST 1351, or consent of instructor.

3352. HISTORY OF MEXICO
This is the history of Mexico before 1910 and more intensive study of the later periods. Both domestic and foreign affairs considered; emphasis on Mexico’s relations with other nations of the Western World. Prerequisite: Twelve semester hours of history and/or political science.

3361. MODERN EAST ASIA
This course is an examination of contemporary Chinese and Japanese history designed to acquaint students with the broad historical, cultural and economic factors that make these countries unique and interesting. May also include Indochina and Korea. Prerequisites: HIST 1301/1302 or HIST 1350/1351 or consent of instructor.

3395. READINGS IN U.S. HISTORY
This course is an in-depth analysis of American history from the colonial period to contemporary times based on the reading of significant historical texts. Prerequisite: Junior standing or consent of instructor.

4360. DISCOURSES IN HISTORY
This is a capstone course that focuses on an in-depth analysis of historical inquiry; its nature, process, lessons, limitations, and value. Prerequisites: 24 hours of history and senior status, or consent of instructor.

4370. TOPICS IN HISTORY
This is a study of specific in-depth and analytical study of particular topics in history, either American, European, or non-Western. May be repeated when topics vary.

4380. DIRECTED STUDY IN HISTORY
Subjects not offered as regular courses may be investigated by directed study pursuant to a plan proposed by the student and approved before registration by the supervising instructor and the appropriate dean. Normally students enrolling will have upper-level status, a 2.0 GPA, and completed basic discipline courses. May be repeated with a change in topic.

4399. SENIOR PROJECT IN HISTORY
This is an independent capstone research investigation culminating in a senior thesis or comparable senior project.

HUMANITIES

The Humanities major is a multidisciplinary combination of courses at the advanced level supported by breadth of work at the lower level. This major serves students seeking preparation broader than that available in a single discipline.
A major in Humanities consists of 24 hours collateral courses including PHIL 1301 plus the following: ENGL 2341, MUSC 1303, THRE 1301, RELI 1303 or 1320, ART 2340, ART 2341, and either ART 1301, ART 1340, ART 2310 or ART 2322. The 24 advanced hours include THRE 3301 or 3302, HIST 3326, POLS 3351 and the Senior Project. Twelve hours must be selected from upper level Art, English, History, Music, Religion or Theatre.

The capstone experience may be satisfied by the senior project or an alternative course accepted in the following majors: English, History or Religion.

INFORMATION SYSTEMS (IS)

Schreiner University offers courses in Information Systems (IS) leading to a Bachelor of Business Administration (B.B.A.) degree in Management Information Systems (M.I.S.). Students may also minor in IS. With a combination of Business and Information Systems courses provided by the M.I.S. major, students will acquire the requisite knowledge of information systems management and a substantial business background to help them succeed in the modern business world. Likewise, students who choose to minor in IS will add valuable computer skills to enhance their chosen discipline.

The major in Management Information Systems consists of the following IS courses: IS 3310, 3330, 3331, 3332, 4331, 4333, 4350, 4360, 4398, to total 123 hours. In addition to the core requirements, the following collateral courses are required for the major: ENGL 3303, BSAD 3310, 3320, 3331, 3360 and IS 2310, 2320, 2330 and 2360.

A minor in Information Systems (IS) consists of 27 hours as follows: IS 2301, 2310, 2320, 2330, 2360, 3310, 3330, 3331, and 3332.

2301. COMPUTER CONCEPTS AND APPLICATIONS
This is an introduction to computer concepts including computer hardware, software, and workplace issues with hands-on use of the Internet and popular software.

2310. INTRODUCTION TO PROGRAMMING LOGIC
This course covers basic program development and problem solving, pseudo-code development, program development and application, and introduction to object-oriented programming. Hands-on development of computer programs. Prerequisite: IS 2301 or consent of instructor.

2320. FUNDAMENTALS OF INFORMATION SYSTEMS
This is an introduction to information systems concepts, design of information systems, procedural versus non-procedural programming languages, object-oriented analysis and design, networks and telecommunications systems and applications, characteristics of information systems career paths. Prerequisite: IS 2301 or consent of instructor.

2330. PRODUCTIVITY SOFTWARE
Productivity concepts and the effective use of packaged software enable students to improve their skills as knowledge workers. Both individual and group productivity is covered. Prerequisite: IS 2301 or consent of instructor.

2331. DECISION MAKING WITH EXCEL
This course will emphasize Excel as a problem solving and decision making tool. Topics will include functions, charts, data tables, pivot tables, importing and exporting files, what-if analysis, and macros. Prerequisite: IS 2301 or consent of instructor.
2360. HARDWARE AND SYSTEM SOFTWARE
In this course principles and applications of computer hardware, software and networks will be presented through lecture of the theoretical underpinnings, installation, configuration, and operational laboratory experiences. Prerequisite: IS 2301 or consent of instructor.

2370. TOPICS IN INFORMATION SYSTEMS
This is a study of a computer-related topic or topics. May be repeated when topics vary. Prerequisite: Consent of instructor.

3310. ELECTRONIC BUSINESS
This course focuses on the linkage between organizational strategy and networked information technologies to implement business models. This course provides an introduction to e-business strategy and the development and web pages for e-business solutions. Prerequisite: BSAD 1301 and IS 2301 or consent of instructor.

3321. INFORMATION TECHNOLOGY FOR EDUCATORS & OTHER PROFESSIONALS
This course is designed to expose educators and other professionals to the broad range of business computer information systems: impact of information technology, roles of computer technology in specific business contexts, hardware and how components interface, operating systems, software applications, fundamentals of computer networks, programming languages for solving business problems, ethical legal issues relevant to the use of computer information systems, computer security, health and safety issues, and computer laboratory management. Prerequisites: IS 2301 and junior standing.

3330. INFORMATION SYSTEMS THEORY AND PRACTICE
This is an overview of information systems theory and practice, including information and organizational systems, planning and implementation, decision theory, information theory, project management, quality control, human-computer interface, network administration, client/server computing and database management. Prerequisites: IS 2320 and 2330 or consent of instructor. See ACCT 3330.

3331. SYSTEMS ANALYSIS AND DESIGN
This course provides an understanding of the information system development and modification process, including evaluation of system development methodologies, understanding effective communication and integration with users and user systems, developing interpersonal skills with clients, users and team members and the adherence to systems development life cycle standards. Hands-on experience with object-oriented analysis and design and data modeling tools. Prerequisites: IS 2320 and 2330 or consent of instructor. See ACCT 3531.

3332. OBJECT-ORIENTED PROGRAMMING
This is a study of object-oriented programming (OOP), including concepts of objects, classes, encapsulation, collections, abstract data types, extensions, constructors, information hiding, inheritance, polymorphism and programming concepts of pointers, vectors, arrays and data structures. Understanding of computer algorithms and their construction and how they are used to solve problems. Hands-on development of computer programs. Prerequisite: IS 2310 or consent of instructor.

4331. NETWORK FUNDAMENTALS
This is an in-depth study of data communications and networking requirements, including associated technologies, hardware and software. Analysis and design of networking applications in organizations. Management of telecommunications networks, cost-benefit analysis and evaluation of connectivity options. Hands-on experience with network design and implementation will be used. Prerequisites: IS 2360, or consent of instructor.

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4333. DATABASE MANAGEMENT
This is an overview of database design, development, maintenance and management, including information and organizational theory, determining database requirements, relational and object-oriented data models and implementation and user interfaces. Hands-on experience with database design, construction and maintenance using SQL and other DBMS tools will be used. Prerequisite: IS 2320 and 2330 or consent of instructor.

4350. EMERGING TECHNOLOGIES
Students will implement an information system in an emerging system environment. Teams will use project management principles to implement an information system. Prerequisite: IS 2320 and 2330 or consent of instructor.

4360. PROJECT MANAGEMENT
Advanced IS majors operating as a high-performance team will engage in and complete the design and implementation of a significant information system. Project management, management of the IS function, and systems integration will be components of the project experience. Prerequisite: IS 2320 and 2330 or consent of instructor.

4370. TOPICS IN INFORMATION SYSTEMS
This is a study of selected topics in the field of information systems. Topics will vary, course may be repeated when topics vary. Prerequisite: consent of instructor.

4380. DIRECTED STUDY IN INFORMATION SYSTEMS
Subjects not offered as regular courses may be investigated by directed study pursuant to a plan proposed by the student and approved before registration by the supervising instructor and the appropriate dean. Normally, students enrolling will have upper-level status, a 2.0 GPA, and completed basic discipline courses. May be repeated with a change in topic. Prerequisite: Consent of instructor.

4398. INTERNSHIP IN INFORMATION SYSTEMS
This is supervised field employment which provides the opportunity for the student to apply learning to practical job experience. Prerequisite: Senior status and 12 hours of upper level IS courses.

INTERDISCIPLINARY STUDIES (IDST)

1101. FRESHMAN STUDIES
This first-year seminar is designed to introduce the incoming college student to the academy of research, scholarship, thought, and knowledge. The seminar will investigate a variety of relevant and timely topics which will vary from section to section. Each class will emphasize close and critical reading, lively class discussions, and practice in academic research and writing.

1105. HONORS SEMINAR
This is a discussion group designed specifically for provisional honors students. Topics will span a wide range of ideas and will include The World of Politics, Economics, Psychology, Science, Philosophy, and The Arts. Prerequisite: Provisional acceptance into the Honors Program.

2170. TOPICS IN INTERDISCIPLINARY STUDIES
This is a study of topics not otherwise covered in course offerings. May be repeated when topics vary.
2200. CAREER EXPLORATION INTERNSHIP
This is supervised field employment which provides the opportunity for the student to define career choices. This course does not fulfill a senior-level internship requirement.

2205. CRITICAL THINKING
This is a study of the process by which one develops and supports one’s beliefs with clear, unambiguous arguments and evaluates the soundness of the arguments of others in real life situations. Prerequisite: Sophomore standing or above.

2270. TOPICS IN INTERDISCIPLINARY STUDIES
This is a study of topics not otherwise covered in course offerings. May be repeated when topics vary.

2305. PERSPECTIVES IN CRITICAL THINKING
This course in reasoning, rhetoric, and argumentation offers a study of the process by which one develops and supports one’s beliefs with clear, unambiguous arguments and evaluates the arguments of others in real life situations. Prerequisite: IDST 1101 and Sophomore standing or permission of instructor.

3205. HONORS COLLOQUIUM: AMERICAN CULTURE
This is a focused research and discussion group with an American-studies emphasis designed specifically for honors students. Topics may include rock & roll culture, American road stories, and the movie industry’s influence on American culture. May be repeated for credit. Prerequisite(s): Junior level standing, honors students; non-honors students may take the course with permission of the instructor.

3230. THE ROLE AND POWER OF CULTURE
This is a study of culture, its components, and a critical examination of non-Western cultures for the purpose of comparative analysis with the United States.

3260. THE AESTHETIC EXPERIENCE
This is an introduction to the nature of beauty and aesthetic experience. Topics include the qualities of beauty, where it can be found, and the development of aesthetic understanding and appreciation.

3360. THE CREATIVE EXPERIENCE
An examination of the creative process, this course offers students the opportunity to examine their own creativity by investigating the needs and motivations of the human desire to create. Further, this course will give students an opportunity to engage in an aesthetic experience through personal contact with some aspect of medium, and to be able to objectify the notion about the nature of aesthetics, art, and creative work through study, experience and critical comparisons. Prerequisite: IDST 2305 and Junior standing or permission of instructor.

4170. TOPICS IN INTERDISCIPLINARY STUDIES
This is a study of topics not otherwise covered in course offerings. May be repeated when topics vary.

4240. GLOBAL ISSUES IN A CULTURAL CONTEXT
This is a study of the major problems confronting the world today from the perspective of different cultures as a means of better understanding both the origins and potential solutions to those problems. Prerequisites: IDST 2205 and at least 75 hours of earned credit.
4270. TOPICS IN INTERDISCIPLINARY STUDIES
This is a study of topics not otherwise covered in course offerings. May be repeated when topics vary.

4340. PROBLEMS AND SOLUTIONS IN GLOBAL SOCIETY
A study of the major problems and confronting the world today, this seminar uses the perspectives of different cultures as a means of better understanding both the origins of and potential solutions to these problems. Prerequisite: IDST 3360 and Senior standing or permission of instructor.

4370. TOPICS IN INTERDISCIPLINARY STUDIES
This is a study of topics not otherwise covered in course offerings. May be repeated when topics vary.

4399. SENIOR PROJECT
Designed for B.A. students who are pursuing the general studies option and whose degree plan is interdisciplinary in nature. It includes independent capstone research investigation culminating in a senior thesis or comparable senior project.

MATHEMATICS (MATH)
Schreiner University offers courses leading to the Bachelor of Arts degree and the Bachelor of Science degree with a major in Mathematics. The Mathematics program is designed for those students who wish to pursue a career in business or in education. It also builds a solid foundation for advanced study in Mathematics. Students who wish to become teachers can use the required professional education courses as electives in the prescribed program.

French or German is recommended as foreign language.

The major in Mathematics consists of 25 advanced hours.

For the B.A. degree: MATH 2422, 2423, 3301, 3310, 3312, 3313, 3324, 3330, 3425, and 4393, plus 9 advanced hours and 3 additional hours of IS. PHYS 1401 and 1402 are recommended electives.

For the B.S. degree: MATH 2422, 2423, 3301, 3310, 3312, 3313, 3324, 3330, 3425, and 4393, plus PHYS 1401, 1402, IS 2310, 6 hours of IS, and ENGL 1302.

NOTE: If a student is not prepared to enroll in MATH 2422 and MATH 2423 in his freshman year, he should enroll in MATH 1310 or MATH 1321. In this event the student should then enroll in MATH 2422 and MATH 2423 in sequence the next two semesters.

Students completing MATH 1321 at Schreiner University with a grade of “C” or better will, upon written request to the Registrar, be given credit for MATH 1310. Students completing either MATH 2422 or a more advanced mathematics course at Schreiner University with a grade of “C” or better will, upon written request to the Registrar, be given credit for MATH 1310 and MATH 1321.

Students who plan to major in Mathematics, Chemistry, or Engineering should enroll in MATH 2422 and MATH 2423 if their background in mathematics is sufficiently good. If not, they should enroll in MATH 1310 or MATH 1321 first. Students majoring in Business Administration should enroll in either of these: (1) MATH 1311, or (2) MATH 2422. If they are not prepared, they should take MATH 1310 first.

Students seeking teacher certification in mathematics should consult the Teacher Education section of this catalog for specific course selection.
Placement in mathematics courses is based on mathematics placement assessment.

0303. ALGEBRA REVIEW
This is a review of high school algebra, including problem solving with real numbers, linear and quadratic equations, fractions and graphing, polynomials, factoring, exponents, and radicals. Prerequisite: Satisfactory performance on math placement assessment. This course does not satisfy degree requirements.

0401. DEVELOPMENTAL ALGEBRA
This development course is for students with little or no experience with algebra. It includes problem solving with real numbers, linear and quadratic equations, fractions and graphing, polynomials, factoring, exponents and radicals. The content of this course is identical to MATH 0303, with additional problem-solving lab time. This course does not satisfy degree requirements.

1302. COLLEGE MATHEMATICS
This includes problem solving with practical applications of mathematics in personal finance, geometry, probability, statistics, mathematical modeling, and graphing. The use of technology, communication in mathematics, and the role of mathematics in modern culture are investigated. Prerequisites: Satisfactory completion of MATH 0401 or MATH 0303 or 2 years of high school Algebra and ACT 18 or SAT 430.

1310. (1314) COLLEGE ALGEBRA
This course is the study of polynomials, radical, rational, logarithmic, and exponential functions with applications, data analysis; systems of equations, and matrices. Prerequisites: Satisfactory completion of MATH 0401 or 0303 or ACT 18 or SAT 430 and 2 years of Algebra.

1311. (1324) FINITE MATHEMATICS
This is a study of sets, mathematics of finance, matrices, inequalities and linear programming, combinatorics, probability distributions and statistics. Prerequisites: MATH 1310 with a grade of “C” or two years of high school algebra and a score of 19 or more on the mathematics portion of the ACT or 440 on the mathematics portion of the SAT.

1321. (2312) PRECALCULUS
This is a study of analytic geometry and trigonometry, elementary functions, their graphs and applications including algebraic, polynomial, and rational functions, trigonometric, exponential, and logarithmic functions; conic sections; complex numbers. Prerequisites: MATH 1310, with a grade of “C” or two years of high school algebra and a score of 19 or more on Mathematics portion of the ACT or 440 on the Mathematics portion of the SAT.

2170. TOPICS IN MATHEMATICS
This is a study of selected topics in the field of mathematics. Topics will vary; course may be repeated when topics vary. May not be applied toward mathematics or science requirement. Prerequisite: Sophomore standing or consent of instructor.

2270. TOPICS IN MATHEMATICS
This is a study of selected topics in the field of mathematics. Topics will vary; course may be repeated when topics vary. May not be applied toward mathematics or science requirement. Prerequisite: Sophomore standing or consent of instructor.
2422. (2413) CALCULUS I
This is a thorough introduction to the theory and applications of differential and integral calculus. Topics include properties of real numbers, sets, two- and three-dimensional analytic geometry with vectors, rectangular, polar, cylindrical coordinate systems, functions, limits, continuity, derivatives, integrals and the mean value theorem. Recommended for students who plan to major in mathematics, engineering, physics, chemistry, and premedical programs. Prerequisites: Two years of high school algebra, one year of high school geometry, one-half year of high school trigonometry and a score of 26 or more on the Mathematics portion of the ACT or 540 on the Mathematics portion of the SAT or MATH 1321 or consent of the instructor. (3-2).

2423. (2414) CALCULUS II
Topics include the fundamental theorem of calculus, techniques of integration, infinite series, area, volumes, moments, centroids, arc length, calculus of functions several variables, trapezoidal and Simpson’s Rule. Prerequisite: MATH 2422. (3-2).

3102. MATH WITH MANIPULATIVES AND TECHNOLOGY
This course addresses Texas Essential Knowledge and Skills (TEKS) through the use of manipulatives and technology. May not be used to satisfy upper level mathematics requirements for a major in mathematics. Prerequisites: MATH 1310, Junior standing, admission to Teacher Education Program, or consent of instructor and concurrent registration in MATH 3302.

3301. MODERN GEOMETRY
This is a study of historical development, sets and propositions, coordinate geometry, congruences, the complex plane, constructions, postulational systems, postulates for the Euclidean Plane, and postulates for the Non-Euclidean Plane. May not be used to satisfy upper level mathematics requirements for a major in mathematics. Prerequisite: MATH 2422 or equivalent or consent of instructor.

3302. MATHEMATICS FOR TEACHERS
This course focuses on mathematics concepts explored in Texas public schools. A problem-solving, hands-on approach is used. May not be used to satisfy upper level mathematics requirements for a major in mathematics or secondary certification in mathematics. Prerequisites: MATH 1310, Junior standing, admission to Teacher Education Program, or consent of instructor and concurrent registration in MATH 3102. (3-2).

3304. SECONDARY MATHEMATICS PEDAGOGY AND TECHNOLOGY
This course focuses on the pedagogy and technology appropriate to teaching mathematics at the secondary level in Texas public schools. A problem-solving, hands-on approach is used. May not be used to satisfy upper level mathematics requirements for a major in mathematics. Prerequisites: MATH 2422, 3301, admission to Teacher Education Program, or consent of instructor.

3305. SURVEY OF MATHEMATICS
This is a survey of mathematical concepts including, but not limited to, algebra, geometry, trigonometry, graph theory, analytic geometry, series, sequences, calculus, linear algebra and abstract algebra. This course is required of all middle school mathematics education majors and is recommended for secondary education majors in mathematics. May not be used to satisfy major upper division credit requirements. Prerequisites: Six hours of advanced mathematics and department approval.

3310. INTRODUCTION TO REAL ANALYSIS
This course is a study of the real number system, sequences, series, limits, derivatives and integrals of real-valued functions; set theory, logic and techniques of proof. Prerequisites: MATH 2423 and junior standing or consent of instructor.
3312. LINEAR ALGEBRA
This is a study of abstract notions of linear algebra including vector spaces and linear transformations and the applications of these concepts using matrices and determinants. Prerequisite: MATH 2422 or consent of instructor.

3313. ABSTRACT ALGEBRA
This includes fundamental concepts of abstract algebra; Groups, Rings, and Fields with the emphasis on Groups are the main focus. Prerequisite: MATH 2423.

3324. CALCULUS III
This course includes sets; functions, vector fields; partial derivatives; power series; theory of integration; line, surface, and multiple integrals. Prerequisite: MATH 2423.

3330. APPLIED STATISTICS
Studied are design of experiments, descriptive statistics, correlation and regression, probability, estimation and inference, test of hypothesis and significance, chance models, analysis of variance. This course is designed for students preparing for careers in business, the natural sciences and social sciences, or for teaching with a specialization in mathematics. Prerequisite: MATH 1310 or equivalent (MATH 1311 or 1321 recommended).

3425. DIFFERENTIAL EQUATIONS
This course includes theory, solutions and application of ordinary differential equations with introduction to partial differential equations. First order linear and non-linear equations, linear equations with constant coefficients, nth-order initial value problems, variation of parameters, infinite series solutions, systems of differential equations using matrices are also studied. Computer solutions are incorporated into classwork and homework. Prerequisite: MATH 2423. (3-2).

4170. TOPICS IN MATHEMATICS
This is selected topics in the field of mathematics. Topics will vary; course may be repeated when topics vary. Prerequisite: Junior standing.

4270. TOPICS IN MATHEMATICS
This is selected topics in the field of mathematics. Topics will vary; course may be repeated when topics vary. Prerequisite: Junior standing.

4321. COMPLEX VARIABLES
This is a study of the fundamentals of differentiation and integration theory of complex variables. Prerequisite: Credit for or concurrent enrollment in MATH 3324.

4326. INTRODUCTION TO NUMERICAL ANALYSIS
Interpolation; approximations; numerical integration and differentiation; roots of polynomial equations; numerical linear algebra; solution of ordinary differential equations; computer applications when appropriate are studied in this course. Prerequisite: MATH 2423.

4333. PROBABILITY
This is a course in the mathematical theory of probability. Includes sample spaces, relative frequency, discrete and continuous random variables of one and higher dimensions, expected value, variance, correlation and regression, distributions, reliability theory, sums of random variables, sampling, estimation of parameters, and testing of hypothesis. Prerequisite: MATH 2423 or consent of instructor.
4370. TOPICS IN MATHEMATICS
This is selected topics in the field of mathematics. Topics will vary but may include number theory, real analysis, topology, algebra and logic. Course may be repeated when topics vary. Prerequisite: Junior standing or consent of instructor.

4380. DIRECTED STUDY IN MATHEMATICS
Subjects not offered as regular courses may be investigated by directed study pursuant to a plan proposed by the student and approved before registration by the supervising instructor and the appropriate dean. Normally students enrolling will have upper-level status, a 2.0 GPA, and completed basic discipline courses. May be repeated with a change in topic.

4393. CAPSTONE IN MATHEMATICS
This capstone course in mathematics focuses on an in-depth study of undergraduate mathematics including calculus, geometry, algebra, statistics, differential equations, and real analysis. The student is challenged to exhibit significant knowledge and understanding from all previous mathematics coursework. During this semester the student will prepare a written notebook, and complete the Mathematics Major Field Exam and the Oral Examination. Prerequisite(s): MATH 3301, 3312, 3313, 3324, 3330, 3425, and 3310 (Introduction to Real Analysis), or consent of instructor.

4399. SENIOR PROJECT IN MATHEMATICS
This is an independent capstone research investigation culminating in a senior thesis or comparable senior project.

MUSIC (MUSC)
Recognizing that music has been an integral part of life since the dawn of human history, the Schreiner University Music Department offers an opportunity for students to enrich their association with music by increasing their understanding of the art through academic courses and through performance instruction and venues.

Schreiner University provides majors for the following areas: piano, voice, organ, harp, guitar, and violin. Applied lessons for other instruments will depend on adjunct faculty availability. Please contact the Music Department for further information.

For any incoming students wishing to begin a Music major degree, an audition is required. These auditions will be held during the Schreiner Saturday events or by sending a tape or CD recording of the students’ performance to the Admission Office. For audition requirements, please contact the Music Department Director.

Schreiner offers courses leading to a major in music within the Bachelor of Arts degree program. Expertise in music is a constant source of enrichment throughout life. The Bachelor of Arts degree in Music would allow students to teach private lessons, direct a church ministry music program, work in public/private school systems directing a choral program or teaching elementary music or general music on the post-elementary level, and would prepare students for graduate work in music. The minor in music program should also equip a student to be involved in a church’s music ministry program, and perhaps to teach private lessons.

A major in music includes:
MUSC 1304, 1305
MUSC 1102 or 1103 - 6 hours
MUSC 1110, 1111, 2105 or 4105
Plus 24 advanced hours:
   MUSC 3104, 3109 - (6 hours)
   MUSC 3301, 3302, 3305, 4399
An additional 6 advanced hours of music. (3000 level or above)

To complete the Music Major degree plan in four years, it is strongly recommended that a successful audition is completed sometime during the Spring semester of the freshman year. For those students who decide to pursue a Music Major after their freshman year, they need to be aware that the degree plan may not be completed in four years.

In addition, those whose applied music area is not piano, must demonstrate proficiency in piano performance at least on the early intermediate level, or take Piano Fundamentals and/or Applied Music in Piano. Those whose applied music area is voice, it is recommended to take German or French.

For students who may need access to certain orchestral instruments or guitars, Schreiner’s Music Department has an instrumental loan policy which allows students to rent instruments for a nominal fee per semester. Please contact the Music Department for information.

Students seeking teacher certification in Music should consult the Teacher Education section of this catalog for specific course selection.

1102. UNIVERSITY CHOIR
This is singing in the primary campus choral ensemble. It will include training in voice production and musicianship. Three to four hours of rehearsal weekly. May be repeated for credit. Prerequisite: Audition.

1103. ORCHESTRA
This course includes rehearsal, practice, and performance with the orchestra, and may be repeated for credit. Prerequisite: Audition with the Orchestra Director.

1104. APPLIED MUSIC: VOICE
This is private instruction in voice. One thirty-minute lesson per week. Student is expected to practice at least 6 hours per week. May be repeated for credit. Laboratory fee to be assessed.

1105. APPLIED MUSIC: PIANO
This is private instruction in piano. One thirty-minute lesson per week. Student is expected to practice at least 6 hours per week. May be repeated for credit. Prerequisite: MUSC 1203 or consent of instructor. Laboratory fee to be assessed.

1106. APPLIED MUSIC: ORGAN
This is private instruction in organ. One thirty-minute lesson per week. Student is expected to practice at least 6 hours per week. May be repeated for credit. Prerequisite: Two semesters of piano instruction (1105, 1203, or 3105) or entrance exam given by instructor. Laboratory fee to be assessed.

1107. APPLIED MUSIC: GUITAR
This is private instruction in guitar. One thirty-minute lesson per week. Student is expected to practice at least 6 hours per week. Prerequisite: consent of instructor. May be repeated for credit. Laboratory fee to be assessed.
1108. APPLIED MUSIC: HARP
This is private instruction in harp. One thirty-minute lesson per week. Student is expected to practice at least 6 hours per week. May be repeated for credit. Laboratory fee to be assessed.

1109. APPLIED MUSIC: ORCHESTRAL INSTRUMENT
This is private instruction in an orchestral instrument. One thirty-minute lesson per week. Student is expected to practice at least 6 hours per week. May be repeated for credit. Laboratory fee to be assessed.

1110. SIGHT-SINGING AND EAR TRAINING I
This is singing intervals and simple rhythms from the score, singing simple melodies, learning melodic and rhythmic dictation.

1111. SIGHT-SINGING AND EAR TRAINING II
This is singing melodies and rhythms, including melodies with chromatic alterations, compound meters, less familiar metric groupings, dictation in more than one part. Prerequisite: MUSC 1110.

1201. VOICE CLASS FOR BEGINNERS
This course includes basic vocal training, breathing techniques, posture, learning songs, listening, and appreciating various vocal styles.

1203. PIANO FUNDAMENTALS
This course includes playing from treble and bass clefs, keyboard harmony, technical rudiments, simple two-hand pieces.

1303. INTRODUCTION TO MUSIC
This is an introduction to the art of musical understanding. Topics include musical elements, musical styles and periods, composers and their works, and musical forms. Emphasis will be upon music of Western Civilization. Students will be required to listen to music outside class time in addition to that played during class.

1304. MUSIC THEORY I
This course is a study of the elements of pitch, elements of rhythm, introduction to triads and seventh chords, and diatonic chords in major and minor keys.

1305. MUSIC THEORY II
This course is a study of the principles of voice leading, root position part writing, harmonic progression, triads in first inversion, triads in second inversion, and non-chord tones. Prerequisite: MUSC 1304.

2102. CONCERT CHOIR
This is an advanced level choir that will focus on advanced level voice training and on a cappella singing, foreign languages and varying styles of music from renaissance to classical to modern jazz. This ensemble will represent Schreiner University on recruiting trips and sing at local area events to promote the university and music department. This ensemble will also include advanced training in voice production and musicianship. There will be 3 to 4 hours rehearsal per week. May be repeated for credit. Prerequisites: Audition, must be able to sight read at an intermediate to advanced level, and have previous choral experience.
2105. APPLIED MUSIC: PIANO PROFICIENCY
This is private instruction in piano for non-piano majors. This course will be tailored to prepare the student to pass the piano proficiency examination. One, thirty-minute lesson per week. Student is expected to practice at least six hours per week. Prerequisite: MUSC 1105 or consent of instructor.

3104. ADVANCED APPLIED MUSIC: VOICE
This is individual instruction in voice on an advanced level. One sixty-minute lesson per week. Student is expected to practice at least 10 hours per week. Prerequisite: Audition with instructor. May be repeated for credit. Laboratory fee to be assessed.

3105. ADVANCED APPLIED MUSIC: PIANO
This is individual instruction in piano on an advanced level. One sixty-minute lesson per week. Student is expected to practice at least 10 hours per week. Prerequisite: Audition with instructor. May be repeated for credit. Laboratory fee to be assessed.

3106. ADVANCED APPLIED MUSIC: ORGAN
This is individual instruction in organ on an advanced level. One sixty-minute lesson per week. Student is expected to practice at least 10 hours per week. Prerequisite: Audition with instructor. May be repeated for credit. Laboratory fee to be assessed.

3107. ADVANCED APPLIED MUSIC: GUITAR
This is individual instruction in guitar on an advanced level. One sixty-minute lesson per week. Student is expected to practice at least 10 hours per week. Prerequisite: Audition with instructor. May be repeated for credit. Laboratory fee to be assessed.

3108. ADVANCED APPLIED MUSIC: HARP
This is individual instruction in harp on an advanced level. One sixty-minute lesson per week. Student is expected to practice at least 10 hours per week. Prerequisite: Audition with instructor. May be repeated for credit. Laboratory fee to be assessed.

3109. ADVANCED APPLIED MUSIC: ORCHESTRAL INSTRUMENTS
This is individual instruction in an orchestral instrument, other than harp, on an advanced level. One, sixty-minute lesson per week. Student is expected to practice at least 10 hours per week. Prerequisite: Audition with instructor and permission of music director. May be repeated for credit. Laboratory fee to be assessed.

3201. INSTRUMENTAL METHODS I
This course includes learning to play and to teach String and Percussion instruments. Students will have experience learning and playing each of the orchestral strings (violin, viola, cello, double bass) and the principal percussion instruments (timpani, snare, marimba).

3202. INSTRUMENTAL METHODS II
This course includes learning to play and to teach Woodwind and Brass instruments. Students will have experience learning and playing each of the principal orchestral woodwinds (flute, oboe, clarinet, bassoon) and brass (trumpet, French horn, trombone).

3301. HISTORY OF WESTERN MUSIC TO 1750
This is a study of styles, techniques, and composers of music of Western civilizations from the Middle Ages through the Baroque. Prerequisite: 6 hours music or consent of instructor.
3302. HISTORY OF WESTERN MUSIC SINCE 1750
This is a study of styles, techniques and composers of music of Western civilizations from the begin-
nings of styles following the Baroque until the present. Prerequisite: 6 hours music or consent of
instructor.

3303. HISTORY AND PRACTICE OF SACRED MUSIC
This is a study of the development of the various service formats of the Christian church, the types
of music developed for them and its relationship to secular music, and the practical use of different
styles of music in worship today. Prerequisite: 6 hours music or consent of instructor. See RELI 3303.

3304. TEACHING CHILDREN MUSIC
This course studies specific techniques and materials for developing a child’s understanding of and
skills in music. Focus is on the home and classroom, not private studio teaching. Prerequisite: 6 hours
music or consent of instructor.

3305. BEGINNING CONDUCTING
This is the study and practice of conducting patterns for regular and irregular beat patterns, subdivi-
sions, and compound meters and of expressive gestures. Analysis of rehearsal and conducting tech-
niques for representative instrumental and choral works. Practice conducting with campus groups.
Prerequisite: Junior standing and completion of nine credit hours in music.

3306. VOCAL PEDAGOGY
This course is a study of vocal techniques. Vocal acoustics, breathing, and laryngeal function are also
studied. Teaching strategies and philosophies, diagnosis of vocal problems, vocal repertoire, and
ethics for teachers will be examined. Students also gain practical, supervised experience in teaching
by working with a volunteer student as a course project. The course also includes periodic examina-
tions. Prerequisite: Junior standing.

4105. KEYBOARD HARMONY AND MUSICAL SKILLS
This course is private instruction in piano, for piano and organ majors. It will be tailored to prepare
the student to pass the keyboard harmony and musical skills examination. One, thirty-minute lesson
per week. Student is expected to practice at least six hours per week. Prerequisite: MUSC 3105 or
3106 or consent of instructor.

4370. TOPICS IN MUSIC
This is in-depth study of particular topics in music. May be repeated when topics vary. Prerequisite:
Junior standing.

4399. SENIOR PROJECT/RECITAL IN MUSIC
This is the senior capstone course that includes preparation and presentation of a public recital of
approximately one hour in length in the student’s principal applied music area. During the same
semester, student will prepare a written document of some musical elements of works performed. In
the case of a student whose principal field of emphasis is composition or theory, the recital would be
of his or her works, though not necessarily performed by the composer. Prerequisites: Senior stand-
ing and 12 hours advanced music including at least 3 hours of advanced applied music.
PHILOSOPHY (PHIL)

1301. (1301) INTRODUCTION TO PHILOSOPHY
This is an introduction to the basic principles and concepts in Western philosophy. Problems about the nature of God, minds, the physical world, and freewill are approached through a close study of classical and contemporary philosophical writings.

1310. (2306) INTRODUCTION TO ETHICS
This is a study of the dominant theories about the nature of morality, including utilitarianism, deontology, relativism, and their application to practical and timely moral issues.

2311. BUSINESS ETHICS
This is an in-depth analysis of ethical issues confronting contemporary business. Topics include the social responsibilities of business, ethics in advertising, the ethics of capitalism and socialism, corporate loyalty, and the profit motive. Prerequisite: sophomore standing or consent of instructor.

2312. ENVIRONMENTAL ETHICS
This is a thorough introduction to the major issues in environmental ethics and the proposals suggested for adequately and justly dealing with those issues. Topics include: Animal Rights, The Moral Implications of Darwinism, Ecology, The Ethics of Environmental Activism, Moral Issues Associated with Endangered Species, The Interests of Nonhumans, and Respect for Nature, and the Moral Standing of Other Species, Natural Objects and Ecosystems.

2320. (2303) INTRODUCTION TO LOGIC
This is a study of the basic systems of logical thinking; inductive, deductive, syllogistic and propositional logic, and their applications.

3330. METAPHYSICS
This is a study of the major ideas about the ultimate nature of reality; focus on problems dealing with existence, mind, matter, space, time, and universals. Prerequisites: Two philosophy courses and Junior standing, or consent of instructor.

3340. ANCIENT AND MEDIEVAL PHILOSOPHY
This is a critical study of the major philosophical ideas and the dominant thinkers in ancient and medieval times; emphasis on the Pre-Socratics, Plato, Aristotle, Augustine, and Aquinas. Prerequisites: PHIL 1301 or HIST 1350, and Junior standing.

3350. EARLY MODERN PHILOSOPHY
This is a study of the foundations and possibility of genuine knowledge; rationalism, empiricism, critical idealism, skepticism. Emphasis is on Descartes, Leibnitz, Locke, Hume, and Kant. Prerequisites: Two philosophy courses and Junior standing.

3360. PHILOSOPHY OF RELIGION
This is an examination of fundamental ideas and concepts of Christian theology, the challenge of modern philosophy and scientific thought, and the response of Christian thought. Prerequisite: Junior standing or consent of instructor. See RELI 3360
4341. TWENTIETH CENTURY PHILOSOPHY
This is a survey of the major philosophical trends of the twentieth century; emphasis on pragmatism, existentialism, logical positivism, and linguistic analysis. Prerequisites: Two upper-level philosophy courses and Senior standing.

4370. TOPICS IN PHILOSOPHY
This is an in-depth study of particular topics in philosophy. May be repeated when topics vary. Prerequisite: Recommended at least Junior standing.

4380. DIRECTED STUDY IN PHILOSOPHY
Subjects not offered as regular courses may be investigated by directed study pursuant to a plan proposed by the student and approved before registration by the supervising instructor and the appropriate dean. Normally students enrolling will have upper-level status, a 2.0 GPA, and completed basic discipline courses. May be repeated with a change in topic.

4395. PROBLEMS IN PHILOSOPHY
This is a systematic study of the major, perennial philosophical issues and their treatment by historically mainstream philosophers from ancient times to the present decade. Topics include: The Problem of Universals, The Problem of Induction, The Nature of Values, The Mind-Body Problem, A Priori Knowledge, Truth, and Realism/Antirealism. Will only be offered as an alternate to the senior thesis. Prerequisite: Senior standing.

4399. SENIOR PROJECT IN PHILOSOPHY
This is an independent capstone research investigation culminating in a senior thesis or comparable senior project.

PHYSICS (PHYS)

1300. INTRODUCTION TO ASTRONOMY
This is a descriptive course in the development of astronomy and its methods, the motions, laws and evolution of the solar system. Topics include the general properties and types of stars and other stellar objects, evolution and cosmology. Required evening viewing sessions are held, depending on weather conditions. (A non-laboratory based science course.)

1401. (1401) COLLEGE PHYSICS I
This is a quantitative introduction to modern physics. Topics include the laws of motion and heat and wave phenomena among others. Partial fulfillment of physics requirement for engineering, physics, medicine, and other science and technology related degree programs. Prerequisite: credit for or concurrent enrollment in MATH 2422 (3-2).

1402. (1402) COLLEGE PHYSICS II
This is a continuation of PHYS 1401. Topics include electricity and magnetism, optics, and modern physics. Completes the science requirement for science and technology related degree programs. Prerequisites: PHYS 1401 and credit for or concurrent enrollment in MATH 2423 (3-2).
POLITICAL SCIENCE (POLS)

Schreiner University offers courses leading to the Bachelor of Arts degree with a major in Political Science in three tracks of study: American government or international relations or pre-law. The program is designed to instill in students a broad outlook in either area that is fundamentally sound. Such a curriculum is necessary for an individual to be a competent, educated, and productive citizen in today’s global society.

This is a multidisciplinary major coupled with a strong liberal arts core. It is designed primarily for students who plan to embark in careers in government service, academia, non-profit organization administration, and/or attend law school.

A major in Political Science consists of POLS 2301 and collateral courses: ENGL 3303, ECON 2301, 2302, PHIL 2320, PSYC 3360 plus:

American Government Track: POLS 2302, 3305, 3310, 3320, 3330, 3340, 4397 and six hours upper level POLS.

International Relations Track: POLS 2302, 2303, 3310, 3320, 3381, 3382, 3383, 3384, 3385, 4399 plus 4 semesters of a foreign language.

Pre-Law Track: BSAD 3310, 3311, POLS 3320, 3330, 3340, 3352, 4399 and 6 hours upper level POLS.

Students wishing to earn a minor in Political Science must take POLS 2301, 2302 and complete an additional 12 advanced semester hours from the following: POLS 3305, 3310, 3320, 3330, 3340, 3350, 3360, 3370, or 4370.

2101. MOOT COURT

This is the study of modern legal interpretation combined with participation in Moot Court. Participation will include the detailed study and analysis of a selected problem in modern constitutional law, the study of legal advocacy and construction of legal argument, and competing in at least one Texas Undergraduate Moot Court Association (TUMCA) regional competition per semester. May be repeated six times.

2301. AMERICAN GOVERNMENT (NATIONAL AND TEXAS) ORGANIZATION

Constitutions and organizations of the United States and Texas governments are the focus of this course. The examination includes both the U.S. and Texas Constitutions, understanding the functions of the executive, legislative, and judicial branches as well as the bureaucratic process. Additional topics scrutinized are voting behavior, interest group influence and activities, and other aspects of the body politic in America and Texas.

2302. AMERICAN PUBLIC POLICY

The policy-making process, agencies and administration of public policy in the government of the United States, the states in general, Texas in particular are the focus of this course. The policy areas investigated in this course include, civil rights, criminal justice, taxation, defense, health and welfare, education, environment, economics, trade and immigration. Prerequisite: POLS 2301 or consent of instructor.

2303. INTRODUCTION TO INTERNATIONAL RELATIONS

This is a survey of international variations in culture, politics, economics, and physical geography and how these variations affect interaction among the peoples of the global community.
3305. UNITED STATES CONSTITUTIONAL HISTORY
This course is a constitutional study of the United States with emphasis on those Supreme Court decisions that have altered the social, economic, and political institutions of American society from 1781 to the present. Prerequisite: Junior standing or consent of instructor. See HIST 3305

3310. THE AMERICAN PRESIDENCY
The American presidency is a most profound institution. In this course the constitutional basis, structure, powers, functions, and responsibilities are examined. Additionally, the various management styles and leadership aspects exercised by presidents are explored. Prerequisites: POLS 2301, 2302 or consent of instructor.

3320. CONGRESS AND THE LEGISLATIVE PROCESS
A systematic study of the factors involved in the framing and enactment of statutory law and activities of the Congress of the United States are investigated. Special attention is given to the internal workings of committees and subcommittees of both houses of Congress. Prerequisites: POLS 2301, 2302 or consent of instructor.

3330. THE JUDICIAL PROCESS
This introduction to American law and legal procedure inculcates a basic understanding of the organization of the legal profession; state and federal judicial processes; instruments of judicial power; reasoning, behavior, and impact of judicial activity. Prerequisites: POLS 2301, 2302 or consent of instructor.

3340. THE ADMINISTRATIVE PROCESS
This course serves as a prologue to the field of public administration. The principles of administrative organization; distribution of administrative functions together with the structure of governmental change as public policy is carried out are the areas of concentration in this course. Prerequisites: POLS 2301, 2302 or consent of instructor.

3350. INTRODUCTION TO POLITICAL SCIENCE, RESEARCH AND WRITING
In this module, a review in the methods of and approaches to the study of politics and their underlying assumptions as they apply to the major concepts of the discipline are explored. The use of quantitative analysis research and writing techniques are examined. Prerequisites: POLS 2301 and MATH 1310, or consent of instructor.

3351. SOCIAL AND POLITICAL PHILOSOPHY
This is a study of philosophical theories about how society and its institutions should be arranged, including a study of Hobbes, Locke, Rousseau, Marx, and contemporary writers. Topics include democracy, communism, fascism, anarchism, and utopianism. Prerequisites: Junior standing and either HIST 1351, one philosophy course, or consent of instructor.

3352. PHILOSOPHY OF LAW
This is a systematic examination of the fundamental ideas of law and jurisprudence, including the concepts of rights, responsibility, and punishment. Consideration of such topics as natural law and morality will be included. Prerequisites: Junior standing and one philosophy course, or consent of instructor.

3360. STATE AND LOCAL GOVERNMENT
Cities, counties, and special districts are studied in terms of organization, recruitment, and services
such as policy, planning, and health; fiscal problems and their impact on citizens. Prerequisites: POLS 2301, 2302 or consent of instructor.

3361. CHURCH AND STATE
This course is designed to address the ever present dynamic of religious belief in the social sphere. This study will address the role religion has played in shaping society (and vice versa) in ways that affect public morality, political institutions, and social policy. Focus will concentrate on church/state relations within the United States although such a dynamic in the global community will also be explored. See RELI 3361.

3370. POLITICS AND THE MEDIA
The role of the media in the political process is examined. Special emphasis will be placed on the history of and techniques employed by the media in public policy areas as well as the election process. Prerequisites: POLS 2301, 2302 or consent of instructor.

3381. GLOBALIZATION THEORIES, ISSUES AND TRENDS
This is a survey of current historical, social, cultural, economic and political issues and trends affecting the global community. Prerequisite: POLS 2303 or consent of instructor. See BSAD 3381.

3382. COMPARATIVE INTERNATIONAL POLITICAL SYSTEM
This is an overview of the world's political cultures, systems, behavior and institutions. The objective is to develop a background with which to assess and explain differences in political culture, governmental structures and political behavior, and to appreciate the effects these factors have on international relations. Prerequisite: POLS 2303 or consent of instructor.

3383. INTERNATIONAL POLITICAL ECONOMY
This is a study of the interrelationship between political and economic factors in international relations with a focus on theoretical perspectives on the relationship between international economics and politics, trade policies, trends in integration of political and economic systems, the role of multinational corporations and economic organizations in the modern world. Prerequisite: POLS 2303 or consent of instructor. See BSAD 3383.

3384. REGIONAL STUDY
This is an interdisciplinary survey of a world region focusing on the geographic, historical, cultural, economic, and political factors most affecting the role of this region within the international community today. Regions such as Latin America, Europe, The Middle East, and Asia will be offered on a rotating schedule. May be repeated when region changes. Prerequisite: POLS 2303 or consent of instructor. See BSAD 3384.

3385. THE AMERICAN FOREIGN POLICY PROCESS
This is the study of the foreign policy making process and factors influencing U.S. international political and economic behavior since 1945. Special emphasis will include foreign policy issues affecting the United States political and economic interests in the coming decade. Prerequisite: POLS 2303 or consent of instructor. See BSAD 3385.

3398. PROFESSIONAL INTERNSHIP
This is a supervised field experience with a governmental, political or legal entity which provides the student with professional experience and the opportunity to apply prior learning at an advanced level. Prerequisite: POLS 2301, junior standing and consent of instructor.
4370. TOPICS IN POLITICAL SCIENCE
This is selected topics in the field of political science. Topics will vary; course may be repeated when topics vary. Prerequisite: POLS 2301

4380. DIRECTED STUDY IN POLITICAL SCIENCE
Subjects not offered as regular courses may be investigated by directed study pursuant to a plan proposed by the study and approved before registration by the supervising instructor and the appropriate dean. Normally, students enrolling will have at least a junior-level status, a 2.0 GPA, and completed basic discipline courses. May be repeated with a change in topic.

4397. SENIOR SEMINAR IN POLITICAL SCIENCE
This course is a capstone experience in the government track for students seeking a major or minor in political science. It examines areas of political action in which the student is challenged to exhibit significant knowledge and understanding from his previous political science coursework. Prerequisites: Students who completed 15 hours in the POLS government track are eligible to enroll with the consent of instructor. Students who have completed 24-27 hours in POLS must complete this course to be eligible for a degree in Political Science.

4399. SENIOR PROJECT IN POLITICAL SCIENCE
This is an independent capstone research investigation culminating in a senior thesis or comparable senior project.

PSYCHOLOGY (PSYC)

Schreiner University offers courses leading to the Bachelor of Arts degree with a major in Psychology. A major in Psychology can help prepare students for careers in a variety of fields including social services (e.g. mental health counselor, child care worker) and business (e.g. personnel, sales, marketing, and advertising). In addition, this program prepares students for graduate study in an equally broad number of fields including psychology (with specialties in clinical, counseling, industrial, social, cognitive), education (with specialties in counseling or administration), law, medicine, and business, as well as other professions in which a knowledge of the principles of behavior is essential.

The major in Psychology consists of 27 advanced Psychology hours, including:
- at least 3 semester hours from PSYC 3303, 3304
- at least 3 semester hours from PSYC 3310, 4330, 4340
- at least 3 semester hours from PSYC 3305, 3306, 3330, 4307
- and PSYC 3360, PSYC 3361, and either PSYC 4397 or 4399.

1300. PERSONAL ADJUSTMENT
This course emphasizes applications of psychology to personal development and improvement of social relationships. Topics may include study of self-concept and self esteem, values, sex roles, stress and anxiety, friendship and intimate relationships, failures of adjustment, treatment models, social problems, and techniques for personal fulfillment and growth.

1301. (2301) INTRODUCTION TO PSYCHOLOGY
The purpose of this course is to familiarize the student with the basic principles that shape how people think, feel, and behave. Topics of study will include the biology of the brain and nervous system, sensation and perception, consciousness, learning and memory, motivation and emotion, and personality. In addition, the student will learn how thoughts, feelings and actions are affected by social sit-
uations, and about selected psychological disorders and the therapy methods that have been developed to treat them.

2300. LIFE-SPAN DEVELOPMENT
This is an introductory survey of developmental psychology from infancy to later aging. Topics include cognitive/intellectual development, social development, personality/emotional development, and effects of parenting, social roles, and biological changes. Students will have the opportunity to apply concepts and theories to their personal experiences. Prerequisite: PSYC 1301 recommended, but not required.

2370. TOPICS IN PSYCHOLOGY
This is the study of a particular topic in psychology. May be repeated when topics vary.

3303. DEVELOPMENTAL PSYCHOLOGY: CHILDHOOD AND ADOLESCENCE
This course covers the significant aspects of human development from conception through adolescence. Topics include the influences upon development of such things as social and emotional growth, personality, intellectual capacity, and the acquisition and usage of language. Also stressed is the relevance of these topics to parent effectiveness. Prerequisites: PSYC 1301 and Junior standing, or consent of instructor.

3304. DEVELOPMENTAL PSYCHOLOGY: ADULTHOOD AND AGING
This course focuses on human development from young adulthood through old age. Main emphases are on the social and emotional changes associated with various stages of adult life. The crises typically encountered by individuals in their twenties, thirties, and forties, etc. are studied, including shifts in self-concept, sexual desires, attitudes toward life, conceptions of death, etc. Development during the period of old age is also covered. Prerequisites: PSYC 1301 and Junior standing, or consent of instructor.

3305. ABNORMAL PSYCHOLOGY
This course focuses on the nature of abnormality, theoretical models of the causes of abnormal behavior, major diagnostic categories (such as depression, schizophrenia and personality disorders), and treatment models. Prerequisites: PSYC 1301 and Junior standing or consent of instructor.

3306. SOCIAL PSYCHOLOGY
This course focuses on social factors that influence individual behavior, thoughts, and feelings. Topics covered include attitude formation and change, altruism, aggression, attraction, conformity, interpersonal relationships, and group processes. Prerequisites: PSYC 1301 and Junior standing, or consent of instructor.

3310. SENSATION AND PERCEPTION
This course constitutes an examination of how the human visual and auditory senses operate. The connection between nervous system activity in the sensory systems and perceptual experience will also be examined. The course includes descriptions of how perceptual data are collected ranging from the electrical firing of a single neuron to an individual’s description of their experiences. In addition, analyses of the many theoretical models that have been developed to give meaning to this data will be provided. Prerequisites: PSYC 1301 and junior standing.

3320. PSYCHOLOGY OF MOTIVATION
This course examines many different approaches to the study of factors which activate, direct, maintain, and terminate behavior patterns in both animals and humans. Covers a range of theoretical perspectives including biological, behavior, and cognitive interpretations. Prerequisites: PSYC 1301 and junior standing.
3330. PSYCHOLOGY OF PERSONALITY: Research Approaches
This course examines major trait approaches to personality and their correlates, including authoritarianism, anxiety, achievement, locus of control, introversion-extraversion, dependency and approval, etc. Methods of scale construction and the relationship of traits to situations will also be examined. Students will be able to assess their own dimensions in many cases, and both clinical and workplace applications will be explored. Prerequisite; PSYC 1301 and junior standing.

3341. CRIMINAL BEHAVIOR
This course will provide an overview of research on crime including the social, psychological and biological origins of crime, with emphasis on the psychological perspective. The behavioral, emotional and cognitive aspects of crime will be examined from the perspective of both the offender and the victim. The causes, classification, prediction, prevention, intervention and treatment of criminal behavior will be covered. Prerequisite; PSYC 1301 and Junior standing or consent of instructor.

3350. ORGANIZATIONAL BEHAVIOR
This course focuses on providing an integrated social scientific approach to relationships between the individual and the organization, and on administrative problems. Topics include performance appraisal, leadership, motivation, interpersonal relationships, decision-making, job satisfaction, and change, among others. Prerequisites; BSAD 1301 or PSYC 1301 or consent of instructor and junior standing. See BSAD 3350.

3360. RESEARCH METHODS I
This course is the first of a two-part sequence. The student will be introduced to data collection and analysis techniques for the behavioral sciences with an emphasis on the use of descriptive statistics to summarize collected data using tables and graphs. Major topics include probability, the normal distribution, and an introduction to hypothesis testing. Student will also be introduced to the critical steps of the scientific method including theory development, research design decisions, and validity and reliability concerns. Each student will be expected to design and run an experimental simulation and conduct an in-depth literature review in the topic area of that simulation. Required for psychology majors. Prerequisites: PSYC 1301 and junior standing.

3361. RESEARCH METHODS II
This course is the second of a two-part sequence. The student will learn to use parametric and non-parametric inferential statistical analyses. In addition, instruction in professional research report writing will be provided. Methodological design and data interpretation issues first presented in Research Methods I will be expanded and students will be expected to apply their accumulating research skills in the form of a completed formal report on the simulated experiment started in the first part of the course sequence. Required for psychology majors. Prerequisite: PSYC 3360 and junior standing.

4307. THEORIES OF PERSONALITY
This course compares and contrasts the major historical approaches to personality, including Psychoanalytic, Humanistic, and Learning derived theories. These theories define the context for modern explanations of human personality, behavior, and abnormal psychology. Prerequisites: PSYC 1301 and Junior standing.

4310. ENVIRONMENTAL PSYCHOLOGY
This is a study of transactions between individuals and their physical settings. Includes topics such as environmental perception/cognition, personality, personal space, territoriality, crowding, and privacy. Applications to better design of residences, communities, schools, workplaces and/or natural environments are encouraged in student reports and projects. Prerequisites: PSYC 1301 and junior standing.
4320. INTRODUCTION TO COUNSELING
This course is an overview of counseling psychology that addresses counseling settings, counseling theories, individual and group counseling, psychological testing and assessment and professional ethics. Students will also learn and practice skills in interpersonal effectiveness. Prerequisites: PSYC 1301 and senior standing.

4330. COGNITIVE PSYCHOLOGY
This course surveys various topics in areas of perception, memory, and thinking. Such topics include pattern perception, mental imagery, short and long-term memory systems, visual and verbal thinking, and language comprehension. Prerequisites: PSYC 1301 and Junior standing, or consent of instructor.

4340. BIOLOGICAL BASIS OF BEHAVIOR
This course examines the relationship of the human body's neurological and hormonal systems to behavior and experience. A major emphasis is placed on brain structures and functions and a broad spectrum of psychological phenomena including learning, memory, perception, communication, appetite and survival behaviors, and psychological disorders. In addition, a survey of behavioral genetics research across content areas in psychology will be covered. Prerequisite: 15 completed hours in psychology or senior standing.

4360. HISTORY AND SYSTEMS OF PSYCHOLOGY
This course examines the development of psychology as a science. Various systemic approaches to understanding human behavior are studied and the impact of prominent theorists evaluated. Prerequisite: PSYC 1301 and Junior standing, or consent of instructor.

4370. TOPICS IN PSYCHOLOGY
This is specific topics within an identified area of psychology selected by the instructor. Topics will vary, and the course may be repeated for credit with a change in topic. Prerequisites: PSYC 1301 and Junior standing, or consent of instructor.

4380. DIRECTED STUDY IN PSYCHOLOGY
Subjects not offered as regular courses may be investigated by directed study pursuant to a plan proposed by the student and approved before registration by the supervising instructor and the appropriate dean. Normally, students enrolling will have upper-level status, a 2.0 GPA, and completed basic discipline courses. May be repeated with a change in topic.

4397. SENIOR SEMINAR IN PSYCHOLOGY
This is a required course for graduating psychology majors to practice research, writing, discussion, and presentation skills. Content areas of study include employment expectations for B.A. graduates, graduate school options and preparation, rules of APA style, and a selection of classic research studies in the history of psychology. Prerequisites: Senior standing, psychology major expected to graduate at the end of the current or subsequent semester.

4399. SENIOR PROJECT IN PSYCHOLOGY
This is an independent capstone research investigation culminating in a senior thesis or comparable senior project.
READING (RDNG)

3306. FOUNDATION OF READING METHODS
This course is designed to introduce the reading process to teacher education students. An emphasis is placed on beginning reading skills development, including phonics and phonemic awareness instruction with a focus on the stages of learning to read and the reading process. Students will learn about theories of reading education in relation to the various reading programs offered in schools, instructional methods, and teaching methods. The reading scope and sequence and understanding of the Texas Essential Knowledge and Skills will be addressed.

3307. EMERGENT READING AND LITERACY (EC-8)
This course includes information and strategies related to oral language, phonemic awareness, literacy development, reading fluency, written communication, and assessment strategies for young children. Students will examine the development of early reading behaviors and the importance of literacy-rich environments. A major focus will be on key concepts of emergent literacy, establish print-rich classrooms and assisting children and parents in providing a positive environment for literacy. Prerequisites: Junior standing and admission to Teacher Education Program.

3308. DIAGNOSIS AND REMEDIATION
This course requires a field practicum at a local elementary school campus that involves the supervised practical application of previously studied principles, policies, and practices related primarily to the diagnosis and remediation of reading needs for students in elementary grades. This course includes assessing reading progress, testing and evaluation, and special reading populations. Required for elementary and all-level teacher certification. Prerequisites: Junior standing and admission to Teacher Education Program.

3309. CONTENT AREA READING
This course includes strategies for teaching reading in the content areas, teaching vocabulary, word identification and comprehension. Considers locating resources, note-taking skills, test-taking, reading rate and flexibility, control strategies, and higher order cognitive skills. Required for all teacher certification programs. This course requires 10 hours of classroom observation. Prerequisites: Junior standing and admission to Teacher Education Program.

3310. READING AND LANGUAGE ARTS
This course includes oral language, foundations of reading, word analysis and reading fluency, reading comprehension, written language and communication, study and inquiry skills, and assessment strategies. The benefits of technology for teaching writing and writing for publication will be supported. Strategies for spelling instruction, grammar, writing development, vocabulary and spoken language skills will be addressed. State curriculum in reading and language arts TEKS for grades EC-8 will be used. This course requires 10 hours of classroom observations and on-site Service Learning at a local elementary school. The class includes interactive involvement with students and instructional preparation and presentation under the supervision of the course instructor and a classroom mentor teacher. Prerequisites: Junior standing and admission to Teacher Education Program.

4301. CLINICAL PRACTICES IN TEACHING READING (EC-8)
This course is designed to help teacher education students acquire the basic skills of teaching reading from pre-kindergarten through the intermediate grades. An emphasis will be placed on the scope and sequence of skills needed for independent reading. Students will prepare lesson plans and activities with effective approaches for the learner’s understanding of reading objectives. Effective reading strategies and other best practices will be used for today’s diverse learners. Special focus will be given to learners with exceptionalities, including ESL (English as a second language) learners. The Texas Essential
Knowledge and Skills and the TExES competencies for state certification will be implemented. Field practicum is required. Prerequisites: Admission to Teacher Education Program and senior status.

RELIGION (RELI)

Schreiner University offers courses leading to the degree of Bachelor of Arts with a major in Religion.

The study of religion might be justified solely on the argument that one cannot understand our own culture or that of others without coming to terms with religion’s aspirations, symbols, practices and values.

The study of religion at Schreiner University, however, seeks to move beyond the mere description of religion’s cultural significance by exploring the way the Christian faith narrates the meaning and purpose of human life in God’s redemptive activity in Jesus Christ. Informed by the Reformed tradition’s conviction that faith is inseparable from life, the study of religion at Schreiner will endeavor to challenge students to integrate what is learned academically with what is lived out in faith.

At Schreiner, the study of religion is a “humanity,” and therefore understands itself to be open to and the beneficiary of other realms of knowledge described in the curriculum. It is expected that students who major in religion will take advantage of elective hours to explore a broad spectrum of courses that will enrich their lives and prepare them for occupations and vocations in a wide variety of human endeavors.

In order to nurture Christian discipleship among Schreiner University students, to respond to students’ needs, to provide “whole-person” educational opportunities, and to encourage service to the Church, the Christian Vocations Intern Program (CVIP) has implemented an experiential, field-oriented, learning and serving program under the supervision of trained mentors and teachers. The CVIP is dedicated to providing the opportunity for students to integrate their faith and academic learning by using both in practical settings to prepare themselves to be Christian leaders throughout their lives and to consider the possibility of a call to service in the church.

Students must take a minimum of 12 semester hours in the field of religion including Old and New Testament. In addition, a minimum of 6 semester hours in either education, psychology, or business are required in order to enroll in the internship course during the senior year. Students will be given individualized assistance in planning their course options during their time at Schreiner University. Extra-curricular opportunities will be offered to enhance the students’ study and growth towards a vocational choice.

Students who plan to major in Religion must schedule RELI 1303, 1304, and 1320, and PHIL 1301 into their program during their first two years, along with HIST 1350 and 1351.

The major in Religion requires 24 semester hours of advanced work, including RELI 4395, 4398 or 4399. Six semester hours of the 24 may consist of advanced philosophy courses.

1303. SURVEY OF THE OLD TESTAMENT
This is a study of the history, literature, and teachings of the Old Testament.

1304. SURVEY OF THE NEW TESTAMENT
This is a study of the history, literature, and teachings of the New Testament.
1320. SURVEY OF WORLD RELIGIONS
This is an examination of the nature of the religious experience and introduction to the origin, development, history, beliefs and practices of the world’s major religions.

1322. HISTORY OF THE CHRISTIAN CHURCH
This is an introduction to the growth and development of the Christian Church’s doctrines, structures, and interaction with its cultural setting from New Testament times to the dawn of the 16th century Reformation.

2311. DEVELOPMENT OF CHRISTIAN ETHICS
This is an introduction to the content and methods of Christian ethical thought as it has developed over the centuries, and its application to contemporary issues of loyalty, integrity, and responsibility in the ever changing and more complex world of business, politics, and social institutions.

2370. TOPICS IN RELIGION
This is an introduction to particular topics in religion. May be repeated when topics vary.

3303. HISTORY AND PRACTICE OF SACRED MUSIC
This is a study of the development of the various service formats of the Christian church, the types of music developed for them and its relationship to secular music, and the practical use of different styles of music in worship today. Prerequisite: 6 hours of music or consent of instructor. See MUSC 3303.

3321. THE REFORMATION ERA
This is a comprehensive treatment of the period from 1500 through 1650, during which time the unifying umbrella of Christianity was shattered. Topics include a causal analysis of the Reformation, Lutheranism, the spread of Protestantism and the Catholic revival, and religious consequences and conflicts. See HIST 3321.

3322. CHRISTIAN THEOLOGY
This is an exploration of classical and contemporary Christian theology and the challenging contributions of liberation theological perspectives to the life and thought of Christians living in a pluralistic world.

3360. PHILOSOPHY OF RELIGION
This is an examination of fundamental ideas and concepts of Christian theology, the challenge of modern philosophy and scientific thought, and the response of Christian thought. Prerequisite: Junior standing or consent of instructor. See PHIL 3360.

3361. CHURCH AND STATE
This course is designed to address the ever present dynamic of religious belief in the social sphere. This study will address the role religion has played in shaping society (and vice versa) in ways that affect public morality, political institutions, and social policy. Focus will concentrate on church/state relations within the United States although such a dynamic in the global community will also be explored. See POLS 3361.

3362. SCIENCE AND RELIGION
This course is a systematic examination of the past history, current status, and future trajectory of the relationship between science and religion. This study will explore the tension between these disci-
plines often regarded as distinct from and, sometimes at odds with, one another. Potential topics for consideration will include evolution, creationism, chaos theory, quantum cosmology, and grand unified theories of the universe as well as comparative uses of analogy and reductionism.

4363. RELIGION IN LITERATURE AND FILM
This course includes the reading of several novels and selected contemporary fiction as well as the screening of contemporary films that invite religious reflection on modern and post-modern world views. Prerequisites: ENGL 1302 and either ENGL 2340 or 2341 and junior standing; or consent of instructor. See ENGL 4363.

4370. TOPICS IN RELIGION
This is an in-depth study of particular topics in religion. May be repeated when topics vary.

4380. DIRECTED STUDY IN RELIGION
Subjects not offered as regular courses may be investigated by directed study pursuant to a plan proposed by the student and approved before registration by the supervising instructor and the appropriate dean. Normally students enrolling will have upper-level status, a 2.0 GPA, and completed basic discipline courses. May be repeated with a change in topic.

4395. PROBLEMS IN THEOLOGY
This is a systematic study of Biblical and/or theological issues and their treatment by major scholars in the respective fields of study. Topics include: The nature of Revelation; The relation of Faith and Culture; Free Will and Determinism; Theodicy; The Christian Life as Sanctification; Eschatology and Christian Ethics; The Church and Contemporary Cosmology. Will only be offered as an alternate to the Senior Thesis. Prerequisite: Senior standing.

4398. CHRISTIAN VOCATION INTERNSHIP
Supervised field service which provides the opportunity for the student to apply prior learning to practical experience in a Christian work setting. Prerequisites: A minimum of 12 hours in religion including Old and New Testament, minimum of 6 hours in a related field such as Education, Psychology, Business Administration. (Pre-planning needs to be done with the director of the Christian Vocation Internship Program).

4399. SENIOR PROJECT IN RELIGION
This is an independent capstone research investigation culminating in a senior thesis or comparable senior project.

SOCIOLOGY (SOCI)

1301. (1301) INTRODUCTION TO THE STUDY OF SOCIETY
This is an introduction to the study of social structure, groups, institutions, socialization, cultural differences and problems. The course stresses the sociological explanations which underlie patterns of behavior such as the myth of the “melting pot,” racial and sexist discrimination, advertising and media trends, family values, the growth of an American underclass, and deviant behavior.

2302. (2301) MARRIAGE AND FAMILY
This is a study of social systems and psychological factors affecting the pivotal institution of marriage in the late 20th century. The systems theory of family therapy will be utilized to illuminate how family structure and reciprocal processes create the family roles. The course will consider factors which contribute to a rewarding married life.
2303. INTRODUCTION TO SOCIAL WORK
This course studies the development of the philosophy and practice of social work in the United States. A survey of the various fields and techniques of social work with special attention given to requirements for graduate training in the professional schools is included. Prerequisite: SOCI 1301.

SPANISH (SPAN)
Schreiner University offers courses leading to a minor in Spanish. The program is designed to give students an overview of Peninsular, Latin American and Hispanic American perspectives. As the literatures of these areas are examined, histories and cultures also will be examined. In order to acquire a minor in Spanish, students must take SPAN 2303 and 2304 and must complete an additional 12 advanced semester hours from the following: SPAN 3301, 3302, 3303, 3304, and 3305.

Students with a placement score at the level of SPAN 1402 or above may, upon written request to the Registrar, be given credit for required courses at the appropriate level.

1401. ELEMENTARY SPANISH I
This is an introductory course which focuses upon basic reading, writing, listening and speaking of Spanish. Significant aspects of Spanish-language cultures are also addressed. This course is the first in a sequence of introductory Spanish courses.

1402. ELEMENTARY SPANISH II
This course, a continuation of SPAN 1401, expands reading, writing, listening and speaking skills as it expands knowledge of Spanish-language cultural traits. Prerequisite: SPAN 1401 or appropriate placement test score.

2303. (2311) INTERMEDIATE SPANISH I
This course provides a comprehensive review of major grammatical structures and vocabulary and expands upon them via cultural and contemporary readings. Course conducted primarily in Spanish. Prerequisite: SPAN 1402 or appropriate placement test score.

2304. (2312) INTERMEDIATE SPANISH II
This course expands upon information presented in SPAN 2303. Course conducted primarily in Spanish. Prerequisite: SPAN 2303 or appropriate placement test score.

3301. A SURVEY OF LATIN-AMERICAN LITERATURE TO THE 20TH CENTURY
This is an introductory course of selected readings in Spanish that includes poetry and prose of some notable writers of Mexico, Latin America, and the Caribbean. The content will incorporate literature that is significant in reflecting major historical and literary periods from the Spanish invasion and Colonialism through the emergence of contemporary and modernistic production. The lectures will be conducted primarily in Spanish. Prerequisite: SPAN 2304.

3302. A SURVEY OF PENINSULAR LITERATURE TO THE 20TH CENTURY
This is an introductory course of selected Spanish readings, both poetry and prose, that embrace and reflect the major historical and literary periods of Spain. Through lecture and cursory writings, students will be exposed to important works that incorporate the Spanish Middle Ages, Renaissance, Romanticism and Realism, as well as the historical implications of such writings. Lectures will primarily be conducted in Spanish. Prerequisite: SPAN 2304.
3303. A SURVEY OF LATIN-AMERICAN LITERATURE OF THE 20TH CENTURY
This course concentrates heavily on contemporary Hispanic-American writings that reflect literary innovations that bring Mexican and Latin-American writers to the forefront of international creative thought and literary production. Historical impetus with respect to political and social implications will be discussed. Such writers as Neruda, Del Castro, Borges, Cortazar, Fuentes, Vargas-Llosa and others will be studied. The course will primarily be conducted in Spanish. Prerequisite: SPAN 2304.

3304. A SURVEY OF PENINSULAR LITERATURE OF THE 20TH CENTURY
This is an introduction to selected writings that reflect contemporary Spanish thought and recent history that have given rise to current literary trends. Such movements as Modernism, and Avant Garde will be discussed as well as events, such as the Spanish Civil War, will be discussed in relation to literary implications. Notable Spanish writers and poets such as Lorca, Valle-Inclan, Unamuno and Machado as well as Cela, Matute, Calvo Sotelo and others will be reviewed. Lectures will primarily be conducted in Spanish. Prerequisite: SPAN 2304.

3305. CURRENT HISPANIC AMERICAN THOUGHT AND LITERATURE
This course focuses on contemporary Hispanic-American life in Mexico, Latin America, and the United States. Using films, newspaper articles, art, personal testimonies, and literature, the course examines the social, political, and economic dynamics of various Hispanic-American groups. A certain emphasis will be placed on the problems that confront Mexican Americans and other Hispanic-Americans in the United States as well as their contributions. Such issues to be studied include immigration, acculturation/assimilation; self-identity, and linguistic variance and implication. This course will be conducted primarily in Spanish. Prerequisite: SPAN 2304.

4370. TOPICS IN SPANISH
This is a study of subjects not otherwise offered. May be repeated when topics vary. Prerequisite: SPAN 2304.

4380. DIRECTED STUDY IN SPANISH
Subjects not offered as regular courses may be investigated by directed study pursuant to a plan proposed by the student and approved before registration by the supervising instructor and the dean. Normally, students enrolling will have upper-division standing, a 2.0 GPA, and have completed basic discipline courses. May be repeated as topics vary.

4399. SENIOR PROJECT IN SPANISH
This is an independent capstone research investigation culminating in a senior thesis or comparable senior project.

THEATRE (THRE)
Schreiner offers courses leading to a Bachelor of Arts degree with a major in Theatre. The Theatre program supports the standards of liberal arts education expressed in the philosophy of the University. Both lower and upper level courses in theatre prepare students for careers in professional, educational, and community theatre programs, as well as further and more specific study in graduate theatre programs. Individualized instruction is emphasized in certain upper level theatre courses through internship opportunities, as well as performance responsibilities. This program emphasizes a strong, general foundation in theatre basics. Majors may pursue either a technical or performance theatre focus.

Collateral courses include: ART 2340, 2341, Applied Music, MUSC 1303, THRE 1101, 1103, 1301, 1302, 2301, 2302.
The major consists of 24 advanced hours in theatre: THRE 3301, 3302, 3305, 4332, 4333, 4340, 4350 or 4351, and 4398.

1101. THEATRE PRACTICUM
This is a laboratory in acting, stage management, design, construction and handling of scenery, lighting, sound, properties, costume and makeup. May be repeated for credit. Required each term for Theatre majors.

1103. MOVEMENT FOR THE THEATRE
This is an introduction to the basics of stage movement with exercises in stage movement styles (classic Greek and Roman, Shakespearean, Modern and Avant-Garde). Exercises in body alignment (discussion of movement problems and injuries) and exercises in relaxation technique. Definition and history of one or more of the following: Alexander Technique, Laban, Feldenkrais, Yoga and/or Reiki. May be repeated once.

1301. INTRODUCTION TO THE THEATRE I
This is a non-major study of the basic elements of theatre. A basic survey of theatre history in the Western world and play analysis are emphasized.

1302. INTRODUCTION TO THE THEATRE II
A non-major introduction to basic scene design, lighting design, and stage directing are emphasized. Floor plans, lighting plots, and short, student-directed scenes are required.

2301. ACTING I
This is basic acting with emphasis on play structure, character development, and elementary problems of ensemble playing. Memorization and participation in dramatic presentations are required. (2-1).

2302. ACTING II
This is the theory and practice of acting. Formal and informal performance of scenes throughout the semester will be included. Prerequisite: THRE 2301 or consent of instructor.

3301. THEATRE HISTORY I
This is a study of theatre history which traces the path of theatre from its beginnings through the Renaissance. Emphasis is on the playwriting, acting and directing styles, scenic innovations and theatre architecture of various periods. Prerequisite: THRE 1301 or HIST 1350 or HIST 1351.

3302. THEATRE HISTORY II
This is a historical survey of major trends of world theatre and drama. Emphasis is on theatre of Europe and the United States, however, the eastern theatre is covered also. This course covers dramatic criticism, theatre trends, actors and acting styles, the role of the director, and scenic innovations from the Renaissance to the contemporary theatre of the late 20th century. Prerequisites: THRE 1301 or HIST 1350 or HIST 1351.

3305. CREATIVE DRAMA FOR YOUNG AUDIENCES
This is the theory and practice of creative drama for young audiences including story dramatization, storytelling, pantomime, role playing and theatre games. Prerequisite: THRE 1301 or Junior standing.
3332. STUDIES IN SHAKESPEARE

This course emphasizes reading and in-depth analysis of six major plays, examining the rich critical background of Shakespearean studies. Prerequisites: ENGL 1302, and either 2340 or 2341 and junior standing, or consent of instructor. (See ENGL 3332.)

4333. PLAYWRIGHTING

This is the study and practice of writing plays of various lengths. Use of dialogue, movement and building of ideas into dramatic situations is emphasized. Prerequisites: ENGL 1302 or THRE 1301, 2301 and Junior standing.

4340. DRAMATIC LITERATURE

This course includes readings in American, British, and Continental literature, with emphasis on the development of ideas, themes, and motifs. Prerequisites: ENGL 1302, and either 2340 or 2341 and junior standing, or consent of instructor. See ENGL 4340.

4343. ADVANCED STUDIES IN SHAKESPEARE

This course emphasizes advanced reading and in-depth analysis of six major plays, examining the rich critical background of Shakespearean studies. Play selection may be augmented or replaced by representative longer poetry or Sonnet sequence. Prerequisite: THRE 3332, or consent of the instructor (see ENGL 4343).

4350. ADVANCED STUDIES IN TECHNICAL THEATRE

This is an in-depth study of different aspects of technical theatre including; stage design, stage lighting, costume history and design, and/or stage management. This course is designed for the upper level theatre major who has special interest in technical aspects of theatre and theatre design. Prerequisites: THRE 1302, 3301, 3302, senior standing or consent of the theatre director.

4351. ADVANCED STUDIES IN THEATRE PERFORMANCE

This is an advanced study into performance aspects of theatre including; advanced acting and acting styles, stage directing, play analysis, dramatic criticism and scoring. Prerequisites: THRE 1301, 2301, 2302, 3301, 3302, senior standing or consent of the theatre director.

4370. TOPICS IN THEATRE

This course focuses on theatrical styles and genre; dramatic theory and criticism; and historical perspectives on world theatre practices. Topics for study include: Musical Theatre, Stage Directing: Techniques and Theories, and Post Modern Theatre: The Avant Garde from Absurdism to Performance Art. Prerequisites: THRE 2301, 3301, 3302, or consent of instructor.

4380. DIRECTED STUDY IN THEATRE

Subjects not offered as regular courses may be investigated by directed study pursuant to a plan proposed by the student and approved before registration by the supervising instructor and the appropriate division chair. Normally students enrolling will have upper-level status, a 2.0 GPA, and completed basic discipline courses. May be repeated with a change in topic.

4398. INTERNSHIP IN THEATRE

Students will serve internship hours at the Schreiner University Theatre or other local theatres. The students will be active in a variety of technical theatre activities, which may include; set painting, construction, lighting, stage managing, sound, costumes, and assistant to the director. Prerequisite: Senior standing or consent of instructor.

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UNIVERSITY STUDIES (UNIV)

0101. UNIVERSITY STUDIES
This is a course designed to increase knowledge, skills and self awareness required by college freshmen to be successful in their first year of college and beyond. Required of all freshmen and graded S/U. Does not earn credit hours nor satisfy degree requirements.

VOCATIONAL NURSING (VONR)

Class and/or clinical hours may be altered to enhance the learning experience of the student according to the availability within the medical community. Program includes 47 credit hours.

Semester I
VONR 1101 Personal/Vocational Relationships 1
VONR 1102 Nutrition/Diet Therapy 1
VONR 1401 Fundamentals of Vocational Nursing (Clinical) 4
VONR 1402 Body Structure/Function 4
VONR 1501 Basic Nursing Skills 5
15

Semester II
VONR 1103 Fundamentals of Medication Administration 1
VONR 1105 Normal Growth and Development 1
VONR 1201 Maternity Nursing and Care of the Newborn 2
VONR 1202 Pediatric Nursing 2
VONR 1203 Geriatric Nursing 2
VONR 1301 Care of the Geriatric Patient (Clinical) 3
VONR 1302 Fundamentals of Maternal-Child Health (Clinical) 3
VONR 1403 Pharmacology 4
18

Semester III
VONR 1106 Mental Health/Mental Illness 1
VONR 1107 Advanced Nursing Skills 1
VONR 1108 Psychiatric Nursing (Clinical) 1
VONR 1503 Care of the Adult Patient (Clinical) 5
VONR 1601 Medical/Surgical Nursing 6
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Comprehensive Review

1101. PERSONAL/VOCATIONAL RELATIONSHIPS
This introduction to vocational nursing, includes information on vocational organizations, licensure, and publications. It guides the student in the development of a philosophy of nursing and provides an overview of legal, ethical and cultural issues confronting nurses today.

1102. NUTRITION/DIET THERAPY
This course introduces principles of good nutrition as related to health in all age groups. The importance of good nutrition, essential nutrients, and diet planning are emphasized. This course examines the use of various hospital diets in the treatment regimen of the patient.
1103. FUNDAMENTALS OF MEDICATION ADMINISTRATION
This course in the second semester will prepare students to begin the important nursing responsibility of giving medications to their assigned patients. The focus will be on oral and parenteral routes of administration. Dosage calculations will also be a major component of this course to prepare students to give medications.

1105. NORMAL GROWTH AND DEVELOPMENT
This course introduces the student to aspects of growth and development from infancy to the elderly. Emphasis is placed on using principles of normal growth and development to enhance nursing care for the patient as a whole.

1106. MENTAL HEALTH/MENTAL ILLNESS
This course teaches the basic principles of positive mental health and psychiatric nursing are examined. Topics include: personality development, human emotions and behaviors, defense mechanisms, stress and the coping process, and the history of mental illness. Nursing care of the patient with mental illness will include discussion of various treatment modalities.

1107. ADVANCED NURSING SKILLS
This skills course will be taught in the third semester. The focus will be on more advanced nursing skills such as Intravenous Therapy. The students will have opportunity to develop these skills in the lab setting as well as in acute care areas. Included will be other advanced skills, such as caring for patients with chest tubes.

1108. PSYCHIATRIC NURSING (CLINICAL)
This course is the clinical component to the Mental Health/Mental Illness course taught in the third semester. Students will have opportunity to work with patients having mental disorders as well as addictive disorders and behaviors. Clinical sites are area facilities which specialize in the special care needs of these patients. Graded S/U.

1201. MATERNITY NURSING AND CARE OF THE NEWBORN
This course will focus on the normal child-bearing process from pregnancy through labor and delivery and the post-partum period. Complications as well as the impact of these for both mother and baby will be covered. Care of the normal newborn is also included in this course.

1202. PEDIATRIC NURSING
This course provides the student with the understanding of how illness and hospitalization affect the child and his family. Emphasis is placed on common pediatric diseases and the nursing implications of each.

1203. GERIATRIC NURSING
This course introduces the student to theories of the aging process, examines special care needs of the geriatric patient with an emphasis on the nursing process in understanding the pathological variations of aging.

1301. CARE OF THE GERIATRIC PATIENT (CLINICAL)
This course is the clinical practice segment to correlate our Geriatric Nursing course. Students will begin using the long term care areas to focus on using the nursing process to identify nursing care needs of the elderly adult. They will also begin developing nursing care plans to prepare for clinical hands-on experiences to assist in meeting these needs to assigned patients. It will also incorporate medication administration and nursing responsibilities to designated patients. Graded S/U.
1302. FUNDAMENTALS OF MATERNAL-CHILD HEALTH NURSING (CLINICAL)
This course is the clinical practice segment to correlate our Maternity Nursing and Pediatric Nursing courses taught in the second semester. The hospital setting will be used to focus on the needs of the child-bearing families. Students will continue to utilize the nursing process in planning nursing care to both new mothers and their infants. For the pediatric experience a variety of community based clinical sites--the Ambulatory Care Center, Kerrville ISD schools, pediatricians’ offices as well as the hospital setting will be used. Graded S/U.

1401. FUNDAMENTALS OF VOCATIONAL NURSING (CLINICAL)
Clinical practice for the first semester focuses on giving students opportunities to begin to develop basic nursing skills in patient care settings. Students begin their direct patient care in the long-term care facilities. This slower pace also allows students the benefit of developing good assessment skills which will assist them as they continue their nursing experience. Graded S/U.

1402. BODY STRUCTURE/FUNCTION
This course provides the student information regarding to normal structure and function of the human body from the cellular level to that of body systems. Provides a foundation for Nursing Skills, Medical-Surgical Nursing and Maternal-Child Nursing.

1403. PHARMACOLOGY
This course introduces basic drug classifications and examines drug side effects and nursing implications of specific drug therapy.

1501. BASIC NURSING SKILLS
This course is designed to introduce the beginning nursing student to a wide variety of basic nursing skills. It is the foundation course of nursing. Emphasis is placed on the utilization of scientific concepts and principles as a guide in developing competence in the performance of these skills. Included is material related to disease control and prevention. The nursing process is the foundation on which classroom and laboratory activities are based.

1503. CARE OF THE ADULT PATIENT (CLINICAL)
This clinical course correlates with our Advanced Nursing Skills and Medical/Surgical Nursing courses. The acute hospital setting provides the opportunities for our students to further develop their hands-on clinical skills as well as to enhance their practice and skill in using the nursing process in the fast-paced nursing environment. In addition to the medical/surgical units, students will have rotations through doctors’ offices and special care units such as the emergency room, intensive care units, operation rooms and post-anesthesia care unit. Graded S/U.

1601. MEDICAL/SURGICAL NURSING
This course builds on the knowledge of the healthy human body. The goal is first to achieve an understanding of the disease processes in nursing situations. It will focus on problem-solving with the use of the nursing process. The course will also cover the care of the adult patient with acute medical/surgical conditions. It will emphasize both patophysiology and psychosocial aspects of patient care needs. Topics will also include patient teaching, discharge planning, nutritional and pharmacological considerations.
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