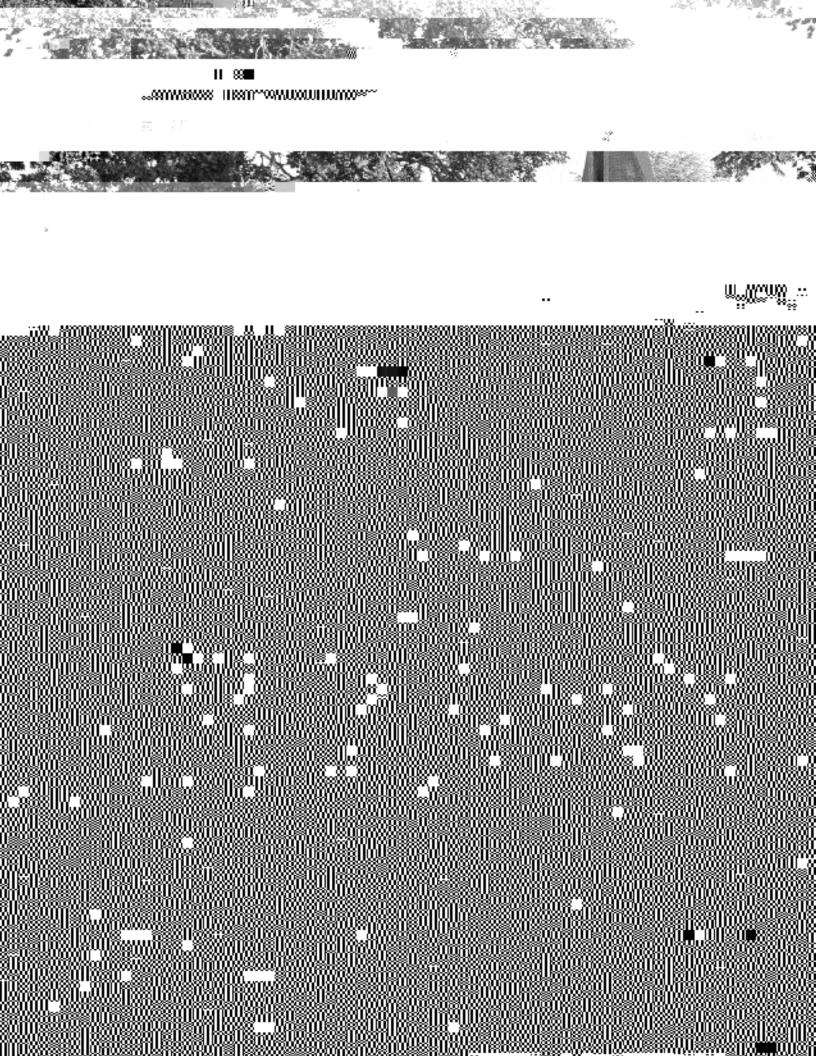




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## UNIVERSITY PROFILE

"Teach all truth as God's truth, integrating all fields of learning around the person and work of Jesus Christ, bringing the divine revelations through sense, reason, and intuition to the confirming test of Scripture."

> — No.1 on the list of George Fox University institutional objectives



Oregon Quaker pioneers helped settle the rich and fruitful Chehalem Valley of Oregon. One of their first priorities, along with the founding of their church, was the education of their children. In 1885, the Christian instruction of their offspring was assured with the establishment of Friends Pacific Academy. At the same time, founding pioneers were looking ahead with a dream of a college to provide further and more advanced education. That time came September 9, 1891, with the opening of the doors The mission of the Undersity from its beginning has



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**Bound on Three sides by a residential area**, the George Fox Newberg campus borders Hess Creek canyon, with a natural setting of tall trees, ferns, and wildflowers. The spacious campus has been developed in recent years according to a master plan featuring a campus academic quadrangle; a recreational section with sports center, track complex, and athletic fields; and a living area with major residence halls. Following is a list of facilities corresponding to the campus map:

**Armstrong House**, a Newberg historic building, was constructed in 1923 and purchased by the University in 1995. Located at 215 North Center Street, it houses offices for University Advancement.

The William and Mary Bauman Chapel/ Auditorium, opened in the fall of 1982 as the final



phase of the Milo C. Ross Center, seats 1,150 persons in a facility that is among the finest in the Northwest. Rotating art exhibits appear in the adjacent Donald Lindgren Gallery.

**Brougher Hall**, erected in 1947 and remodeled and enlarged in 1959 and 1961, contains classrooms and art facilities.

**Centennial Tower**, constructed in 1990 to launch George Fox University's centennial year celebration, was designed by noted architect Pietro Belluschi to be the campus focus and centerpiece. This 65-foot-tall structure at the campus center features carillon, four clocks, and the University's original bell.

**Center Street House** is a former residence converted to offices in 1992. It houses the Center for Peace Learning, with office and library/conference room, and offices for the history and political science department.

**Colcord Memorial Field** contains a field and polyurethane track resurfaced in the fall of 1993.

*Edwards-Holman Science Center*, opened in 1994, houses the Department of Biology and Chemistry and

the Department of Mathematics, Computer Science, and Engineering. The building has a lecture hall, five classrooms, 16 laboratories, and 13 offices. An atrium connects it with Wood-Mar Hall.

The *Event Services Office* is a former residence at E. North and N. Center streets, adjacent to Newlin Apartments.

The **Financial Affairs Office**, at the southwest corner of North River and Sheridan streets, is a city historic building purchased by the University in 1994. Renovated for office space in 1997, it houses the Office of Financial Affairs, including Human Resources.

*Foxhole* is the student coffeehouse, located at 1110 E. Sheridan Street. The building, purchased in 1992, also contains the graduate student lounge.

**Fry House**, at the corner of Sheridan Street and Carlton Way, was purchased in 1992. It is the home for the associate dean of students.

*Fulton Street House*, located near Villa Road at 1508 E. Fulton Street, houses an area coordinator for student housing. It was purchased in 2000.

**Heacock Commons**, built in 1964-65, enlarged in 1979, and renovated and expanded in 1994, contains the Esther Klages Dining Room, the Bruin Den, the Cap and Gown Rooms, and the Executive Dining Room.

The *Herbert Hoover Academic Building*, built in 1977, houses the Kershner Library and the 160-seat Kershner Lecture Hall, classrooms, and faculty offices. The first floor has offices for business and sociology/social work departments.

The second floor has offices for psychology faculty. A display of Herbert Hoover memorabilia was opened in 1997 on the first floor.

**Lemmons Center**, built in 1964 and remodeled in 1997, is the combination of three hexagon modules providing classrooms, offices for education and family and consumer sciences faculty, and Calder Lecture Hall, which seats 165.

The *Media Communication Center*, completed in 1979, houses a television production studio, as well as offices and EFP video equipment for the media communication major. The studio contains a mix of analog and digital equipment for tape-based and nonlinear editing. This facility also is used in the authoring and production of interactive multimedia.

*Meridian Street House* is at 206 N. Meridian Street. A residence purchased in 1995, it houses the graduate education faculty and staff.

The *Virginia Millage Memorial Rose Garden* has 224 plants of 43 varieties in 24 beds. The 72-foot-diameter circular garden was created in 1992, honoring a

- 1 Armstrong House, A2
- 2 Bauman Chapel/Auditorium, B6
- 3 Brougher Hall, B5
- 4 Centennial Tower, C4
- 5 Center Street House, A6
- 6 Colcord Memorial Field, D6
- 7 Edwards-Holman Science Center, B5
- 8 Event Services Office, B6
- 9 Financial Affairs Office, B2
- 10 Foxhole, C2
- 11 Fry House, D2
- 12 Fulton Street House, H7
- 13 Heacock Commons, C4
- 14 Hoover Academic Building, B4
- 15 Lemmons Center, B5
- 16 Media Communication Center, A6
- 17 Meridian Street House, A2
- 18 Virginia Millage Memorial Rose Garden, B5
- 19 Minthorn Hall, C5
- 20 Morse Athletic Fields, G8
- 21 Murdock Learning Resource Center, C5
- 22 North Street Annex, C5
- 23 Pennington House, B2
- 24 Plant Services Building, G8
- 25 Prayer Chapel, E4
- 26 President's Office/Academic Affairs Office, B3
- 27 Ross Center, C6
- 28 Security Services, A3
- 29 Stevens Center, B3
- 30 Student Union Building, C4
- 31 Tennis Courts, D5
- 32 University Fund Office, A2
- 33 University Store, D4
- 34 Wheeler Sports Center, E7
- 35 Wood-Mar Hall, B5
- 36 Woodward House, C2

#### **Student Housing**

- 37 Barclay House, F6
- 38 Beals House, C2
- 39 Beebe Residence Hall, E3
- 40 Campbell House, A6
- 41 Carey Residence Hall, E3
- 42 Edwards Residence Hall, D4
- 43 Fell House, E1
- 44 Gulley House, E2
- 45 Hancock Street House, C1

George Fox alumna and volunteer leader. *Minthorn Hall* 



## STUDENT LIFE

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"Each one of us has something powerful that will enrich the lives of others.
My encouragement to each of us is to listen, learn, and grow."
— Brad Lau, Vice President for Student Life

## Located in the Stevens Centr, this office is responsi-

ble for the organization and programming of residence life and housing, student government, student activities, career services, multicultural services, security, student leadership, and campus ministries. This office also offers individual attention to problems arising among students. Students are encouraged to contact this office whenever they are concerned about aspects of University life not specifically related to academic programs. The vice president for student life coordinates these services and programs.



When enrolling at George Fox University, students agree to respect the expectations and appointed leadership of the institution. All expectations are designed to allow the fullest liberty consistent with efficient work, while at the same time promoting the welfare of the entire campus community.

The University admits students with the understanding they will comply with these expectations in every respect and conduct themselves as responsible citizens. All students are expected to maintain written standards of behavior, which include conforming to state and local laws.

Any student whose behavior is dishonest, destructive, unethical, or immoral, or whose conduct is detrimental to the total welfare of the community, shall be subject to disciplinary action that may result in suspension or dismissal.

In accordance with Christian convictions honoring the body as the temple of the Holy Spirit, the University community accepts a lifestyle that forbids immoral sexual behavior and the use, possession, or distribution of alcohol, tobacco, or illegal drugs. Gambling and obscene guides as their starting point for discussion and faith learning.

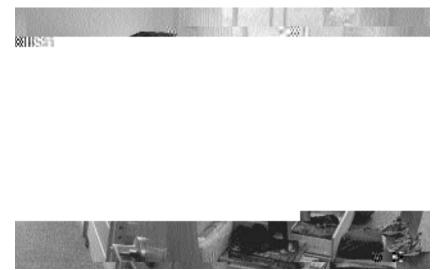
**3.** *Ministry/Service.* Ministry and service opportunities allow students to live out what they say they believe. Serve trips take place during the third week of Christmas break and the whole week of spring break — reaching communities in West Coast areas and beyond.



**Stugent organizations provide opportunities** for the development of leadership qualities and interpersonal relationships. They are designed to supplement class-room work with practical experience and to provide recreational and social activities. These organizations include student government, athletics, music, drama, publications, social and religious organizations, and various special-interest groups. Students are encouraged to pareas af lheir snterest

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Life well in advance of attendance so that specific attention can be made to assist in providing living arrangements and learning accommodations.



**Refer the map on page 13** for locations of the following student-housing facilities:

**Barclay House**, at 1313 East North Street on the east side of campus, was purchased in 1994. It houses a housing assistant area coordinator and 11 students on two levels.

**Beals House**, located at 1109 Hancock Street, was purchased in 1992. It houses eight students.

**Beebe Residence Hall**, opened in 1991, is the third unit of a three-building minidorm complex in the Hess Creek greenway. It houses 40 upper-division students in two-room suites, with women on the first two floors and men on the third. It also contains the east campus student post office.

*Campbell House*, purchased in 1995, is located at 612 N. Meridian Street. It houses six students.

**Carey Residence Hall**, built in 1980, provides housing for 32 upper-division students in eight suites, the top floor for women, the bottom floor for men. It is the first unit of a three-building minidorm complex situated in the Hess Creek canyon.

**Edwards Residence Hall** was constructed in 1964 and renovated in 1995. Overlooking Hess Creek canyon, it is a residence for 54 men and 52 women with separate-wing housing.

*Fell House* is located at 1216 Hancock Street. It was purchased in 2000 and houses nine students.

*Gulley House*, near the intersection of Sheridan Street and Carlton Way, was purchased in 1992. It houses 10 students.

*Hancock Street House* was added to the campus in 1996. It houses 14 students at 1108 E. Hancock Street.

*Hester House*, at 212 River Street, was purchased in 1992. It houses six students.

The Hobson-Macy-Sutton Residence Hall complex, com-

pleted in 1977, is the largest residence facility on campus, housing a total of 222 students. The three buildings share a central lobby. The buildings are connected by outside walkways and an underground tunnel. Macy Residence Hall and Hobson Residence Hall are for women, while Sutton Residence Hall houses men and women.

**Hoskins House**, purchased in 1993, houses 10 students. It is located at 214 River Street.

**Kelsey House**, purchased in 1997, houses six students. It is located at 610 N. Center Street.

*Kershner House*, purchased in 1970 and remodeled in 1979, is a residence unit for six students.

*Lewis Apartments* provide housing for 56 upper-division students in a total of 16 units.

**McGrew House**, located at Hancock Street and Carlton Way, houses 12 students. It was purchased in 1992.

*Munn House*, acquired in 1994, houses eight students. It is on the east side of Hess Creek canyon on East North Street.

*Newlin Apartments*, located on North Street, are four units available for use by 16 upper-division students.

**Parker House**, a one-story duplex, was purchased in 1992. Located on Sheridan Street across from the Pennington Hall parking area, it houses eight students.

**Pennington Residence Hall**, built in 1962 and renovated in 1994, is a residence hall for 101 students and a resident area coordinator's apartment, with alternate-wing housing for men and women.

**Riley House** is located at 1212 E. Hancock Street. Purchased in 2000 and renovated in 2001, it houses 10 students.

*Schomburg House*, at 608 N. Meridian Street, was purchased in 1998. It houses six students.

*Sheridan Street House* was converted to student housing in 1999 and houses six students. It is located at the corner of Meridian and Sheridan streets.

*Sherman Arms Apartments*, located on east Sherman Street, consist of six units for married George Fox students.

**University Residence Hall**, constructed in 1996, is on the east side of Hess Creek canyon's north end. It is a three-story residence for 124 students, with men and women living on alternate floors.

*Villa Road House* is a city-designated historical building constructed in 1912 and purchased by the University in 1995. It houses 11 students at 617 N. Villa Road.

*Weesner House*, on Carlton Way, accommodates 13 students in a two-story residence constructed in 1924 and completely renovated in 1980.



maintain a good state of health through early diagnosis and treatment of illness and injuries and through preventative medical care, including health education. A medical practitioner and a registered nurse provide medical services when class is in session, September through mid-May. Services are available by appointment. Located in the Woodward House.

The counseling staff consists of doctoral-level students supervised by the program director, a licensed psychologist. Individual counseling with a focus on using short-term techniques is provided for students who wish to discuss a wide variety of personal concerns. Sessions are normally planned weekly and usually last about one hour. Marriage and premarital counseling, crisis intervention, testing, and referrals are also available. Counseling sessions are by appointment only.

Professional services such as counseling and health care are provided at no cost to full-time undergraduate students. Laboratory and X-ray testing are arranged through an outside provider and are billed to your medical insurance. Fees may be charged for supplies.



The director of International student services, serving as the advisor for international students, helps facilitate the meeting of diverse cultures in the George Fox University community. The University recognizes that international students bring with them unique needs as well as welcomed contributions. The director seeks to help students adjust to their new surroundings and to help the campus community develop a sensitivity to their needs. The director also encourages their participation in the academic and social life of the University and in the exploration of the surrounding American culture, as well as assists students in complying with INS regulations. The advisor is the international student's friend and advocate.



**To complete an indergraduate academic program** at George Fox University, a student must select a major to pursue one of two degrees: the bachelor of arts or the bachelor of science. A course of study includes three basic components: general education, the major field, and supporting and/or elective courses. Minor fields are optional and are composed of elective courses that have been packaged for identification of a vocational purpose or an interest.

General education is sometimes called a core curriculum or general studies. It is that part of the college experience required of all graduates (although options may be permitted within certain programs) that gives them a common heritage and helps implement the distinctive University mission.

General education requirements total 57 semester hours. Certain lower- and upper-division courses in general education are required of all students. The specified courses and the options listed below provide knowledge and skills in support of cultural perspectives and major programs. Since some majors have specified certain of the options stated below, students should check the major requirements described for their selected majors. A class may apply toward general education, a major, or a minor. However, any one course may not fulfill more than two requirements.

**Freshmen:** All freshmen are expected to register for WRIT 110 Freshman Composition in the first year.

All new students with less than junior standing are expected to regis-

ter for BIBL 101 and 102 Literature of the Old and New Testaments, and other general education courses during the first year.

Additionally, all first-semester freshman students who matriculate in the fall are required to enroll for GEED 130 Freshman Seminar.

### **Bible and Religion**

**1. BIBL 101, 102** Literature of the Old and New Testaments. (Freshmen are required to take these courses, or a 3-hour lower-division Bible elective, given a superior placement examination.)

#### 6 hours

**2.** Choose one of the following (required of all): RELI 470 Christian Classics

RELI 480 Spiritual Formation

RELI 490 Contemporary Religious Life

#### 2 hours

**3. RELI 260** History and Doctrine of Friends. Required of all Friends students. One of the following elective courses in Bible or religion is required of all other students:

- BIBL 240 Wisdom Literature (prerequisite: BIBL 101 recommended)
- BIBL 250 Psalms (prerequisite: BIBL 101 recommended)

BIBL 260 Life of Christ (prerequisite: BIBL 102 recommended)

- BIBL 270 Writings of John (prerequisite: BIBL 102 recommended)
- BIBL 310 Old Testament History (prerequisite: BIBL 101)
- BIBL 330 Prophetic Writings (prerequisite: BIBL 101)

BIBL 340 Between the Testaments (prerequisite: BIBL 101, 102)

BIBL 385 Selected Bible Topics (prerequisite: BIBL 101, 102, or permission)

- BIBL 390 Biblical Basis for Peacemaking (prerequisite: BIBL 101)
- BIBL 411/412 Acts and Pauline Epistles (prerequisite: BIBL 102)

BIBL 480 General Epistles (prerequisite: BIBL 102)

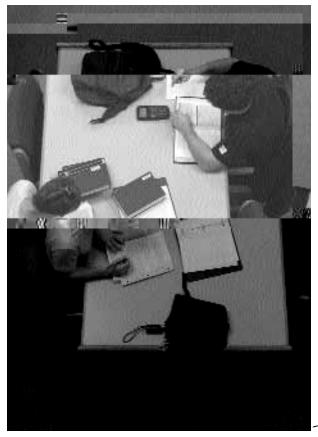
RELI 250 Great Moments/Key Persons in Christianity

RELI 270 Doctrine of \_\_\_\_\_

RELI 380 Christian Beliefs

RELI 401/402 Christianity in History

2 hours



3. Health and Human Performance: 2 hours from stated options.

4. Humanities: 16 hours from stated options, including MUSI 120 The World of Music, ARTS 216/217 Survey of Art, and at least two courses each in history (including HIST 150 America and the World) and in literature (including LITR 231 Masterpieces of World Literature, Western or LITR 232 Masterpieces of World Literature, Non-Western). M

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5. Mathematics: This requirement is fulfilled within the maior.

6. Natural Science: 6 hours from stated options.

7. Social Science: 6 hours from stated options, including PSYC 150 General Psychology.

8. Globalization: 3 hours. This requirement is fulfilled by GEOG 200 Cultural Geography and Global Relationships.

9. Education: 2 hours. This requirement is fulfilled by EDUC 240 Perspectives in Education.



George Fox University is pleased with the excellent success students have had in gaining admission to medical and dental schools. Students who wish to pursue a career in medicine, dentistry, or veterinary medicine usually select a major in biology or chemistry. They may, however, choose any academic major the University offers as long as they take certain specific courses required by the professional schools. George Fox University offers all of the science and mathematics courses required by the professional schools of the region. Even though specific requirements differ with each medical school, the requirements uniformly include the following:

BIOL 101, 102 General Biology CHEM 111, 112 General Chemistry

CHEM 325, 326 Organic Chemistry PHYS 201, 202 General Physics

One year of mathematics, usually fulfilled by MATH 201, 202 Calculus

Other highly recommended courses are as follows: **BIOL 310 Embryology BIOL 322** Comparative Vertebrate Anatomy **BIOL 330 Animal Physiology BIOL 350 Genetics** 

Students with adequate background and the desire to take more elective courses are encouraged to check with the registrar and learn how they can test out of any of the above requirements (with the sole exception of a required minimum of 3 hours of Bible). A mathematics SAT score of 600 or above waives 3 hours of mathematics/computer requirements. A verbal SAT score of 670 or above waives WRIT 110 Freshman Composition. CLEP and Advanced Placement tests earn other exemptions, as do campus-administered examinations (see page 31).



Elementary education majors shall complete the following 51-hour general education requirement.

The following summaries note total hours and exceptions to the University general education policy. Refer to the previous section for specific course options.

1. Bible and Religion: 10 hours from stated options.

2. Communication: 6 hours from stated options.

BIOL 370 Microbiology BIOL 420 Cell Biology CHEM 310 Analytical Chemistry CHEM 340 Biochemistry CHEM 401, 402 Physical Chemistry

It is important to consult with your

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academic advisor early in setting up D a plan for a strong program. Students Ε should be aware that, in addition to M meeting the minimal entrance require-L ments, good grades (3.5 grade point average or above) and a strong per-С formance on the national admissions tests (MCAT, DAT, VAT, usually taken Ρ in the spring of the junior year) are essential. Also necessary for admis-R sion are letters of recommendation 0



and an interview with the professional school's admissions committee.

Our world needs Christian health professionals strong in character and maturity who have had broad educational and social experiences. George Fox University offers excellent opportunities to build these qualities through academic courses in areas such as ethics, psychology, computer science, literature, history, and foreign languages, and through varied social opportunities.

## **Prelaw Program**

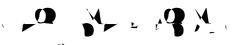
**Students considering law school** enjoy a wide range of options in their course of study, which can be worked out with their prelaw advisor. The best preparation for law school (and a legal career) emphasizes a broad liberal arts education as an undergraduate. Students need to prepare themselves to understand complex real-world problems from as many perspectives as possible.

Therefore, prelaw students may choose from many different majors, supplementing the major with electives and general education options that stress writing and oral communication skills, logical and critical thinking, close reading of difficult material, and deeper understanding of society and culture. Prelaw students are strongly encouraged to take PSCI 260 Introduction to Law, and to join in activities with other prelaw students. The prelaw advisor will work with students to help design their courses of study and plan for entry into law school.

### **Prenursing Program**

**A student can take one or two years of prenursing** at George Fox University in preparation for application to a nursing school. George Fox offers the full spectrum of prenursing curricula that allows smooth matriculation into most schools. These courses typically include general chemistry, math, human anatomy and physiology, microbiology, life span human development, cultural anthropology, and others. Students should contact the nursing school of their choice for requirements.

George Fox University has an agreement with Seattle Pacific University School of Health Sciences whereby a specified number of students may be admitted annually to the sophomore year of the SPU nursing program. Consult with the prenursing advisor in the Department of Biology and Chemistry for specific requirements.



**Courses are designed for levels of experience** and difficulty, and the course numbering system reflects this. Courses numbered 100 to 299 are lower-division level and normally are open to freshmen and sophomores. Courses numbered 300 to 499 are upper-division level and normally are open to juniors and seniors. Freshmen may not enroll in courses at the 300 and 400 level except by permission of the chairperson of the department in which the course is offered. A 300-numbered course may be open to sophomores. Exceptions may be made when prerequisites are met and general education requirements have been fulfilled on schedule.

- Course numbers ending in 0 (e.g., PSYC 350) designate courses that are complete in one semester. They may be scheduled for either semester during the college year.
- Course numbers ending in 5 (e.g., COMM 305) designate courses that may be pursued for several semesters under the same number, with all credits applicable, within stipulated limits.
- Course numbers ending in 1 and 2 (e.g., CHEM 211, 212) designate courses offered throughout the year. A

continuing course may not be entered in the second semester without completing the previous semester or obtaining the permission of the instructor.

- Course numbers ending in 75 designate supervised teaching or field education courses for which application is necessary through the registrar. See "Field Education" on page 123.
- Courses designated 285 and 485 are special classes that may be offered in any department to reflect single-time offerings of visiting professors or group seminars.
- Courses designated 295 and 495 are individualized special study programs not a part of the regular curriculum. Application forms are available from the registrar and, when completed, become a learning contract between the student and the instructor.
- A student may not be enrolled in more than four hours of 295/495 in any regular semester and may not accumulate more than 12 hours of 295/495 for graduation.
- Course number 490 designates a senior seminar that is completed in one semester; numbers 491 and 492 designate a senior seminar completed in two semesters.
- Many 300- and 400-level courses are offered in alternate years. If a year of offering is stated, it should be assumed that the course will be offered in alternate years only.
- A GEED prefix refers to general education.
- Courses at the 500 to 700 levels are graduate courses.



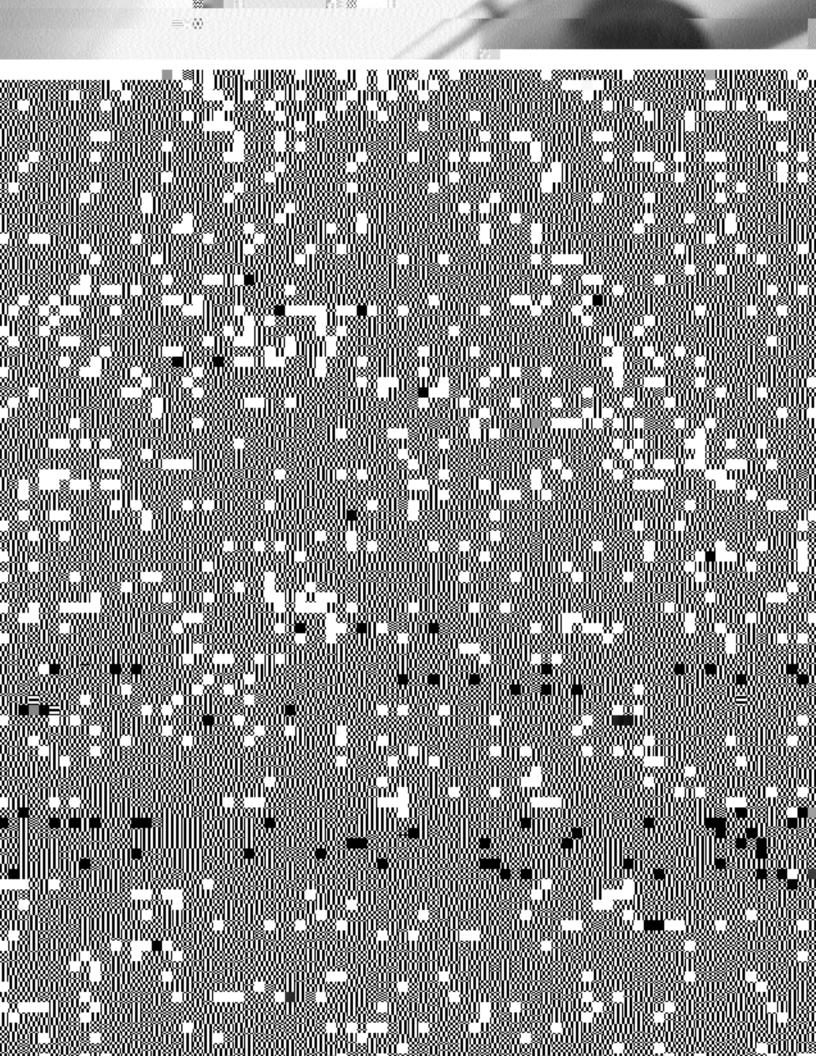
*Students may reduce* the number of required courses and add flexibility to their undergraduate years by one or more of the following programs.

## Advanced Placement

**College credit may be granted** in several subject areas to the student who completes a college-level course in high school and receives a score of three or better through the Advanced Placement program sponsored by the College Entrance Examination Board. Students expecting advanced placement credit should request, at the time the test is taken, for scores to be sent to George Fox University.

## **College Level Examination Program**

**The Educational Testing Service of the College Board** provides nationally recognized standardized testing through which college credit may be earned or course proficiency verified. This is the College Level



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### C C O U N T I N

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See Business and Economics, page 37.

See Engineering, page 45.

Art Major (B.A.) Studio Arts Concentration Requirements for an art major with a concentration in studio arts consist of 42 semester hours, to include the following courses: ARTS 101 Basic Design I ARTS 102 Basic Design II ARTS 111 Drawing I

ARTS 111 Drawing 1 ARTS 112 Drawing II ARTS 381 Baroque and Rococo Art ARTS 382 Twentieth-Century Art ARTS 385 Special Topics in Art History ARTS 460 Art and Christ ARTS 490 Senior Thesis Exhibit (Or ARTS 475 Field Experience, by petition)

Select 15 hours from the following (these 15 hours must include courses from three separate studio disciplines): **ARTS 201 Beginning Painting ARTS 221 Beginning Sculpture ARTS 230 Beginning Photography ARTS 231 Beginning Printmaking** ARTS 240 Beginning Mixed Media **ARTS 241 Beginning Ceramics** ARTS 250 Introduction to Graphic Design **ARTS 265 Contemporary Art Seminar ARTS 285 Selected Topics ARTS 295 Special Study ARTS 301** Intermediate Painting **ARTS 321 Intermediate Sculpture ARTS 330 Intermediate Photography ARTS 331 Intermediate Printmaking** ARTS 340 Intermediate Mixed Media **ARTS 341 Intermediate Ceramics** ARTS 350 Graphic Design 2: Typography ARTS 401 Advanced Painting ARTS 421 Advanced Sculpture **ARTS 431 Advanced Printmaking ARTS 441 Advanced Ceramics ARTS 495 Special Study** THEA 125/325C Theatre Laboratory THEA 255/455 Technical Theatre

#### Graphic Design Concentration

Requirements for an art major with a concentration in graphic design consist of 48 semester hours, to include the following courses: ARTS 101 Basic Design I ARTS 102 Basic Design II ARTS 110 Drawing I ARTS 112 Drawing II ARTS 250 Introduction to Graphic Design ARTS 350 Graphic Design 2: Typography



ARTS 360 Illustration ARTS 382 Twentieth-Century Art ARTS 383 History of Visual Communications ARTS 450 Graphic Design 3: Design Applications ARTS 460 Art and Christ ARTS 490 Senior Thesis Exhibit (Or ARTS 475 Field Experience, by petition)

Select 12 hours from the following courses: BUSN 110 Introduction to Business ARTS 201 Beginning Painting ARTS 230 Beginning Photography ARTS 231 Beginning Printmaking CMCO 250 Digital Multimedia Production ARTS 301 Intermediate Painting the Department of Business and Economics, it requires completion of a general business core as well as specialized courses. Students are required to obtain a minimum grade of C- in all courses taken for the major. Field experiences and internships are encouraged.

**Business** Core **BUSN 110 Introduction to Business BUSN 300 Management BUSN 310 Financial Management BUSN 340 Marketing** BUSN 360 Business Law ECON 201 Principles of Microeconomics ECON 202 Principles of Macroeconomics ACCT 271 Principles of Financial Accounting ACCT 272 Principles of Managerial Accounting Accounting Core ACCT 273 Accounting Information Systems ACCT 350 Taxation ACCT 371 Financial Accounting and Reporting I ACCT 372 Financial Accounting and Reporting II ACCT 471 Advanced Accounting ACCT 472 Auditing Since January 2000, students are required to complete

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150 semester hours of accredited education in order to take the national Certified Public Accountancy examination. An accounting major may plan to meet this requirement through several means: 1) An intensified undergraduate program combining AP credit, CLEP tests, taking full course loads each semester, and some summer courses; or 2) graduate with a four-year degree, seek employment, and complete the required hours through postgraduate courses; or 3) go on to a graduate program in law or business, taking the exam when the required hours have been attained. The broad educational experience provided by George Fox University should enable an accounting major the flexibility to design his or her own program.

#### **Business Administration Major (B.A.)** MAJOR REQUIREMENTS

The requirements for a business administration major include four components: the Introduction to Business course, a principles core of courses, a functional core of courses, and completion of a concentration in one of the following areas: finance, international business, management, or marketing.

A student intending to major in business administration will submit an application to the major to the department in the semester of completion of the principles core (see below). For admission to the major, a minimum cumulative GPA of 2.75 is required, with at least a C- in each course in the principles core. Also, a minimum grade of C- must be obtained in all major courses for graduation. Field experiences and internships are encouraged.

Freshman Year (3 hours) BUSN 110 Introduction to Business

#### Principles Core (15 hours)

BUSN 240 Statistics for Business and Economics ACCT 271 Principles of Financial Accounting ACCT 272 Principles of Managerial Accounting ECON 201 Principles of Microeconomics ECON 202 Principles of Macroeconomics

Functional Core (12 hours) BUSN 300 Management BUSN 340 Marketing BUSN 310 Financial Management BUSN 380 Information Systems

Senior Year (12 hours) BUSN 490 Senior Capstone Course

#### **Concentrations (8 hours)**

Only one concentration will be listed on your transcript, and students with that concentration will be given priority in the senior-level courses.

Select one concentration from the following for a total of 12 hours:

#### Finance

BUSN 471 Investments, Financial Markets, and Institutions
BUSN 472 Advanced Corporate Finance
BUSN 490 Senior Capstone Course (ACCT 371, 372 Financial Accounting and Reporting are recommended.)

#### International Business

ECON 460 International Trade and Finance BUSN 440 International Management BUSN 490 Senior Capstone Course

#### Management

ECON 430 Managerial Economics BUSN 480 Organizational Behavior BUSN 490 Senior Capstone Course

#### Marketing

BUSN 420 Marketing Communication and Strategy BUSN 450 Marketing Research and Decision Making BUSN 490 Senior Capstone Course

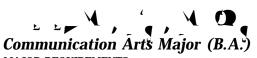
#### **Business Minor (21 hours)**

BUSN 110 Introduction to Business ECON 201 Principles of Microeconomics ECON 202 Principles of Macroeconomics

Students must take two of the following three courses:

#### **General Education Requirements**

PHIL 210 Introduction to Philosophy MATH 201 Calculus I or MATH 260 Discrete Mathematics BIOL 221 Human Anatomy and Physiology PSYC 150 General Psychology SOCI 310 Cultural Anthropology



#### **MAJOR REQUIREMENTS**

Communication arts features an interdisciplinary approach to communication that integrates the interests of speech communication, drama, journalism, and media with a common core of courses in communication and rhetorical theory.

Requirements for a communication arts major consist of 39 semester hours distributed as follows:

Performance Core Courses

Either WRIT 230 Introduction to Journalism or WRIT 310 Professional Writing/Desktop Publishing COMM 200 Persuasive Communication COMM 210 Interpersonal Communication COMM 324 Argumentation and Critical Thinking

Theory Core Courses COMM 300 Theoretical Approaches to Communication COMM 400 Critical Approaches to Communication COMM 480 Senior Capstone

Practicum

THEA 255/455 Technical Theater CMCO 475 Field Experience CMCO 495 Independent Study

#### Multimedia Concentration

ARTS 250 Introduction to Graphic Design ARTS 230 Beginning Photography WRIT 310 Professional Writing and Desktop Publishing CMCO 340 Audio Production and Broadcasting CMCO 355 Event Video Production CMCO 475 Field Experience CMCO 495 Independent Study

#### **Broadcast News Performance Concentration**

CMCO 295 Broadcast News CMCO 340 Audio Production and Broadcasting CMCO 355 Event Video Production COMM 200 Persuasive Communication WRIT 230 Introduction to Journalism THEA 220 Oral Interpretation of Literature CMCO 475 Field Experience CMCO 495 Independent Study

#### Film Studies Concentration

Either 15 hours of course work at the Los Angeles Film Studies Center (see page 124), or CMCO 320 Dramatic Scriptwriting CMCO 430 Producing and Directing Video CMCO 475 Field Experience CMCO 495 Independent Study NWFC\* Cinematography NWFC\* Intermediate Cinematography NWFC\* Optical Printing

\*These hands-on courses, to be taken at the Northwest Film Center, allow students to utilize film format.

### Organizational Communication Major (B.A.)

#### MAJOR REQUIREMENTS

The organizational communication major combines communication courses that are particularly useful in organizational settings, with marketing and management classes from the business curriculur(CMCO 43)1 Urrn3,sie Production Core (12 hours)
CMCO 230 Introduction to Video Production
CMCO 250 Digital Multimedia Production
Either CMCO 260 Scriptwriting for Media or CMCO 320 Dramatic Scriptwriting
Either CMCO 350 Editing Video or CMCO 430 Producing and Directing Video

#### Electives Package (15 hours)

Choose electives from the list below. Not more than 6 hours of practicum courses count toward major electives. Recommended: ARTS 250 Introduction to Graphic Design ARTS 285 Photography CMCO alternatives not chosen in core: CMCO 340 Audio Production and Broadcasting CMCO 355 Live Events Video Production CMCO 295 Broadcast News CMCO 475 Field Experience CMCO 495 Independent Study COMM 305 Professional Communication Activities THEA 255/455 Technical Theatre

#### Information Science Concentration

Required computer and information science courses: CSIS 201, 202 Introduction to Computer Science CSIS 310 Data Structures and File Processing CSIS 314 Client-Server Systems CSIS 321 Software Engineering CSIS 350 Data Communication and Networks CSIS 460 Operating Systems CSIS 471 Senior System Development I CSIS 472 Senior System Development II

Choose 12 hours from the following:

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ENGR 250 Electric Circuit Analysis ENGM 210 Statics and Dynamics ENGM 311 Engineering Thermodynamics MATH 310 Differential Equations PHYS 211, 212 General Physics with Calculus Choose 3 hours of engineering electives from the following: ENGE 220 Digital Logic Design ENGE 311 Electronic Devices and Circuits ENGE 330 Signals and Electrical Systems

ENGM 312 Applications of Engineering Thermodynamics ENGM 320 Mechanics of Materials ENGM 330 Fluid Mechanics

Choose 6 hours of math electives from the following: MATH 300 Numerical Methods MATH 320 Linear Algebra MATH 331 Probability

degree from the cooperating engineering school after

\*It is strongly recommended that students interested

Requirements for an applied science major consist of

50 semester hours, to include the following:

ENGR 250 Principles of Materials Science

ENGR 151, 152 Engineering Principles I and II

in pursuing the 3/2 option in chemical engineering also enroll in CHEM 325, 326 Organic Chemistry and CHEM

401, 402 Physical Chemistry during their three years at

their fifth year.

George Fox University.

**MAJOR REQUIREMENTS** 

12 additional hours in engineering courses are to be transferred back from the cooperating engineering school.

8 hours of CHEM 211, 212 General Chemistry are required, which meet the natural science general education requirement.

11 hours of MATH 201, 202, 301 Calculus I, II, III are required, which meet the mathematics general education requirement.

The remainder of the engineering curriculum will be taken in two years at the cooperating engineering school.

For a complete list of required courses, consult the engineering advisor or the registrar. General education requirements are substantially different for 3/2 engineering students. Details are available from the engineering advisor or the registrar.

## Choose 9 hours of electrical engineering electives from the following:

ENGE 410 Integrated Circuit Design ENGE 430 Communication Systems ENGE 440 Electric Machines and Power Systems ENGE 460 Microwave Engineering and Applications

#### Mechanical Engineering Concentration

ENGM 300 Computational Methods ENGM 312 Applications of Engineering Thermodynamics ENGM 320 Mechanics of Materials ENGM 330 Fluid Mechanics ENGM 350 Machine Dynamics and Vibrations



ENGM 380 Heat Transfer ENGM 400 Mechanical Engineering Design

Choose 9 hours of mechanical engineering electives from the following:

ENGM 410 Materials and Processes in Manufacturing ENGM 430 Acoustics and Noise Control ENGM 450 Vehicle System Dynamics ENGM 470 Combustion, Emissions, and Air Pollution

### Applied Science Major (B.S.)

For students interested in pursuing an engineering degree in a discipline other than electrical or mechanical engineering (e.g. chemical\*, civil, computer, environmental, aerospace, etc.), George Fox University offers a dual-degree 3/2 program. Students attend George Fox for three years, taking most of their general education, mathematics, science, and lower-division engineering courses. They may then qualify to transfer to any other engineering school, where they spend two more years completing their engineering degree. Students completing this five-year program will receive two bachelor of science degrees: an applied science degree from George Fox University after their fourth year, and an engineering

# Martin A. A.

The purpose of the English Language Institute is to develop the language and academic skills of students whose native language is not English and to raise their level of cultural and spiritual awareness in order to prepare them for academic and social success at George Fox University.

English as a second language (ESL), taught in the English Language Institute at George Fox University, prepares international students to meet the challenges of academic study in English.

International students who score less than 500 on the paper-based Test of English as a Foreign Language (TOEFL), less than 173 on the computer-based TOEFL, or less than four on the Test of Written English will study intensive English approximately 14 hours per week while they also are enrolled in one or two regular University courses.

To prepare international students to enter into academic life at George Fox University as full and successful participants, ESL courses develop the students' general English proficiency, academic skills, and cultural, spiritual, and social awareness. Lower-level courses stress basic language skills, while higher-level courses concentrate increasingly on academic skills.

The core courses at each level develop speaking, listening, reading, and writing skills, as well as vocabulary and grammar. Cultural orientation, interaction with native speakers in the University community, and attendance at campus functions and academic lectures are incorporated into ESL learning activities.

At the highest level, students enroll for credit in one regular academic course together with ESL courses that are designed to help develop the language and academic skills necessary for success. ESL students may take up to 20 hours a semester, with a maximum of four credits of non-ESL course work.

Upon successful completion of the program, students are admitted to George Fox University and awarded up to 15 semester hours of credit toward their degree.

- FCSC 230 Textiles Science FCSC 250 Residential Technology FCSC 280 Marriage and the Family FCSC 290 Meal Management FCSC 300 Nutrition FCSC 311 Human Development: Infancy to Adolescence Either FCSC 320 Fashion Merchandising or FCSC 370 Pattern Drafting and Apparel Design FCSC 330 Residential Architecture FCSC 350 Resource Management FCSC 351 Interior Design I FCSC 360 Consumer Buying
- FCSC 490 Senior Seminar

#### Foods and Nutrition in Business Concentration

Foods and nutrition in business is a multidisciplinary concentration incorporating academic cores in consumeroriented food science education, human nutrition, and business.

Course work in food composition and preparation, analysis of consumer trends, and recognition of global food issues prepares students as food professionals, while course work in human nutrition and contemporary nutrition issues equips them with the knowledge base necessary to work in areas of fitness management, diet analysis, and consumer nutrition education. The third core of course work serves as the medium for the utilization of this knowledge base, preparing students for careers in industries requiring the skills of food specialists, including new product development, test kitchens, recipe development, and food product promotion.

In the general education program, CHEM 151 General, Organic, and Biological Chemistry and ECON 201 Principles of Economics are required.

The following courses, totaling 44 semester hours, are required for a concentration in foods and nutrition in business:

- FCSC 211 Foods I FCSC 212 Foods II FCSC 250 Residential Technology FCSC 290 Meal Management FCSC 300 Nutrition FCSC 310 Food, Culture, and Society FCSC 310 Food, Culture, and Society FCSC 344 Quantity Food Production and Management FCSC 350 Resource Management FCSC 350 Resource Management FCSC 360 Consumer Buying FCSC 430 Nutrition and the Life Cycle FCSC 475 Field Experience FCSC 490 Senior Seminar
- BUSN 110 Introduction to Business
- BUSN 300 Management
- BUSN 340 Marketing
- ACCT 271 Principles of Accounting

#### Fashion Merchandising/Interior Design Concentration

The fields of fashion merchandising and interior design share a common base of knowledge grounded in the academic fields of family and consumer sciences and business. A background in apparel construction and design, merchandising of fashion, and market analysis prepares students for careers in fashion merchandising.

Residential architecture, household technology, and interior design classes prepare students for positions as interior designers. Career opportunities include merchandise buying, design display, entrepreneurship, apparel design, textile design, fashion analysis, interior design, housing and home planning, kitchen and bath design, equipment promotion demonstration, energy conservation management in the home, furniture sales, and business management and administration.

A field experience (internship) in the Portland metropolitan area puts students in the workplace before graduation, giving them valuable business experience.

The following courses, totaling 44 semester hours, are required for a concentration in fashion merchandising and interior design: FCSC 120 Apparel Construction FCSC 220 Fashion and Society FCSC 230 Textiles Science FCSC 250 Residential Technology FCSC 320 Fashion Merchandising FCSC 330 Residential Architecture FCSC 350 Resource Management FCSC 351 Interior Design I FCSC 360 Consumer Buying FCSC 370 Pattern Drafting and Apparel Design FCSC 475 Field Experience FCSC 490 Senior Seminar **BUSN110** Introduction to Business

Either BUSN 300 Management or BUSN 340 Marketing

Tr

trum of related courses at FIDM is more varied in content and specific in focus, which allows for the following specializations: interior design, merchandise development, merchandise management, and fashion design.

Graduates receive a bachelor of science degree in family and consumer sciences, with a concentration in interior design, merchandise marketing, or fashion design from George Fox, and a professional certification from FIDM.

*Note:* In addition to these requirements, the general education component includes PSYC 150 General Psychology.

#### **Physical Education Preteaching Concentration**

Students who wish to become physical education teachers are essentially entering a five-year program. They will take the physical education preteaching concentration within the Department of Health and Human Performance. Upon successful completion of this fouryear concentration students are directed to enter a oneyear Master of Arts in Teaching Program. Upon completion of the M.A.T. program the student will have completed the master's degree and be certified to teach physical education.

Requirements for the K-12 prephysical education teaching concentration in human performance consist of 50-51 semester hours, 28 of which must be upper-division courses. Courses selected to satisfy science general education requirements may include BIOL 100, 102, General Biology. Either CHEM 100 Chemistry of Life or CHEM 110 Chemistry and Our Environment are recommended.

HLTH 210 Drug Education HLTH 230 First Aid and Safety

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#### **International Studies Major (B.A.)** MAJOR REQUIREMENTS

International studies is an interdisciplinary major designed to prepare students for work in such fields as foreign missions, international commerce, economic development, and government service. It also provides excellent preparation for graduate study in international relations and diplomacy, missiology, and area studies. The major includes a strong international fieldwork emphasis. Students taking this major as preparation for foreign missionary service are encouraged to minor in biblical studies, Christian ministries, or religion.

Requirements for a major in international studies consist of 38 semester hours, to include the following courses:

INTL 310 Cultural Anthropology

- Either INTL 330 Introduction to the World Christian Movement or RELI 360 Cross-Cultural Christian Outreach
- **INTL 340 International Relations**

INTL 440 World Religions

Either INTL 460 International Trade and Finance or ECON 360 Global Political Economy

INTL 490 International Studies Senior Seminar

The second year of a modern foreign language

8 hours of INTL 475 Culture-Oriented Fieldwork

Two additional 3-hour courses from the following: COMM 300 Theoretical Approaches to Communication COMM 340 General and Cultural Linguistics COMM 350 Introduction to TESOL (Teaching English to Speakers of Other Languages) ECON 360 Global Political Economy ECON 460 International Trade and Finance HIST 320 History of the Middle East HIST 331 England to 1688 HIST 332 England Since 1688 HIST 350 Latin America HIST 360 Modern Russia HIST 370 Far East HIST 421 Europe 1789-1890 HIST 422 Europe 1890-Present HIST 440 History of Africa **RELI 360 Cross-Cultural Christian Outreach RELI 460 Issues in Contemporary Missions** LITR 231 Masterpieces of World Literature, Western LITR 232 Masterpieces of World Literature, Non-Western PSCI 250 International Conflict and Peace SOCI 380 Ethnic Groups and Social Minorities FREN 495 Individual Research or Fieldwork (French) SPAN 495 Individual Research or Fieldwork (Spanish)

#### International Studies With Religion Concentration

International studies is an interdisciplinary major designed for students with an interest in international vocations. Students taking this major as preparation for foreign missionary service are encouraged to take a minor in the Department of Religious Studies (in biblical studies, Christian ministries, or religion). This will also provide an appropriate base for graduate studies in missions and intercultural concerns.

## Leadership Studies Minor

The leadership studies minor is designed to help students develop their leadership skills through study and practice. Participants will learn important leadership concepts and theories and put these principles into action through hands-on leadership experiences. Prerequisites for entry into the program include sophomore standing and above and a 2.5 GPA.

The course of study and practice (18–21 hours) includes:

- LEAD 490 Leadership Seminar (four semesters, 1 hour per semester)
- Either LEAD 475 Leadership Experience or an approved alternative practicum.
- SOCI 300 Group Dynamics

One course taken from each of the following categories: BUSN 300 Management PSCI 410 Community Mediation COMM 324 Argumentation and Critical Thinking PSYC/SOCI350 Social Psychology BUSN 480 Organizational Behavior COMM 310 Conflict Resolution PHIL 230 Ethics LITR 360 Values and Myths in Literature RELI 480 Spiritual Formation

### Mathematics Major (B.S.) MAJOR REQUIREMENTS

Requirements for a mathematics major consist of 37 semester hours, to include the following courses: MATH 201, 202, 301 Calculus I, II, III MATH 290 Mathematical Logic MATH 320 Linear Algebra MATH 331 Probability MATH 490 Senior Seminar M

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I C S Select 15 hours from the following: MATH 260 Discrete Mathematics MATH 310 Differential Equations MATH 332 Mathematical Statistics MATH 340 Elementary Number Theory MATH 350 Modern Geometry MATH 410 Algebraic Structures

Required supporting courses:CSIS 201 Introduction to Computer Science and one of:CSIS 130 Web-based ProgrammingCSIS 202 Introduction to Computer ScienceCSIS/MATH 300 Numerical Methods

See Communication Arts — Cinema and Media Communication, page 41.

### Music Major (B.A.) MAJOR REQUIREMENTS

The music major consists of a music core required of all majors, plus one of three concentrations: performance, preteaching, or theory/composition.

#### Music Core:

MUSI 111 Introduction to Music Literature MUSI 121, 122 Theory I MUSI 131, 132 Sight Singing and Ear Training MUSI 180 Introduction to Music Technology Either MUSI 200 Basic Conducting or MUSI 460

Advanced Conducting, with permission MUSI 221, 222 Theory II

- MUSI 311, 312 Music History
- MUSI 320 Form and Analysis
- MUSI 400 Music and Christian Faith
- MUSI 492 Recital/Project

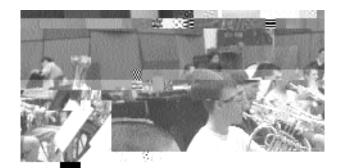
#### **Performance Concentration**

(Total with Music Core: 47 hours) MUSA 105/305 Applied Music (eight semesters) MUSA 115-365 Large Ensemble (Wind Ensemble, University Choir, Chehalem Symphony, or Festival Chorus is required in addition to other ensembles)

#### Preteaching Concentration

(Total with Music Core: 54 hours)

The preteaching concentration in music prepares the student to take the Oregon Praxis Examination in music as preparation for application to George Fox University's





Master of Arts in Teaching Program or another similar program.

EDUC 240 Perspectives in Education

MUSI 270 Music Techniques

MUSI 410 Elementary Music Methods

MUSI 411 Middle Level and High School Music Methods MUSA 105/305 (Applied) and MUSA Ensemble credits to

total 10 hours, with no fewer than four semesters in either area.

#### **Composition Concentration**

(Total with Music Core: 54 hours) MUSI 310 Counterpoint MUSI 430 Instrumentation and Orchestration

A total of 8 hours of the following:

MUSI 225 Composition (two semesters) MUSI 425 Composition (four semesters)

MUSA 105/305 (Applied) and MUSA Ensemble credits to total 10 hours, with no fewer than four semesters in either area.

#### Supportive Music Studies

Supportive music studies allow the student to choose an interest area with his or her advisor to pursue courses

that supplement the student's interest in performance, composition, or sacred music. The Fine Arts Handbook at the music office serves as a guide for student and advisor.

Music majors must be enrolled in a major ensemble each semester except during supervised teaching. A solo recital (or achievement of upper-division standing and appropriate departmental recitals) is required of all music majors. The recital is given in the junior or senior year after the student has been granted upper-division standing and has passed a recital hearing given before the applied music faculty.

All music majors also are required to pass a piano proficiency examination administered at the end of the sophomore year. Students are required to register for MUSA 105/305 Applied Piano or MUSI 135 Class Piano until the proficiency has been met. Music majors will not be recommended for graduation until the proficiency has been passed.

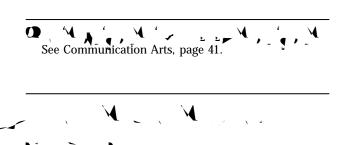
Individual instruction is offered in piano, organ, strings, woodwinds, brass, percussion, and guitar. Private lessons carry one semester of credit except for students desiring a performance emphasis, for whom 2 hours of credit are given. Nonperformance majors may petition for 2 hours of credit with a recommendation by their applied music teacher. Music majors are required to enroll in applied music lessons each semester.

All students enter the applied program at the 100level. Before being advanced to upper-division study, the student must pass a faculty jury. All applied music students are expected to perform periodically in studio or public recital, but only students who have advanced to upper-division study levels will be permitted to present a half or full recital. These recitals may be given only by permission after the student has performed the recital repertoire in a faculty hearing.

#### Music: Interdisciplinary Major (B.A.) MAJOR REQUIREMENTS

An interdisciplinary major may be elected through application and approval of the music faculty. The student application must show how the proposed interdisciplinary major meets reasonable academic and vocational objectives. The interdisciplinary major consists of 48 semester hours, 24 in music and the remainder in another academic discipline. Many creative options are possible. Common majors include music and religion, or music and Christian ministries.

Required music courses for an interdisciplinary major with religion include: MUSI 121, 122 Theory 1 MUSI 200 Basic Conducting MUSI 220 Vocal Techniques MUSI 340 Church Music (History and Administration) MUSI 400 Music and Christian Faith MUSI 492 Recital/Project A major ensemble (four semesters) Applied lessons (two semesters) Music electives



### **Peace Studies Minor**

Students at George Fox University may earn a minor in peace studies by taking elective courses from the departments of history and political science, communication arts, and religious studies. For more information, students should see their advisor or the registrar.

The Center for Peace Learning coordinates a special course of study in conflict management designed to give students concentrated preparation for practical peacemaking in their work, church, community, and family. Students will study the theory of communication and conflict resolution, be introduced to relevant skills, and equip themselves to apply this learning in a variety of action settings.

The course of study includes five components:

- 1. Either COMM 200 Persuasive Communication, or COMM 210 Interpersonal Communication
- Either PSYC/SOCI 300 Group Dynamics, or PSYC/CHMN 380 Counseling, or BUSN 480 Organizational Behavior
- 3. COMM/PSCI 310 Conflict Resolution
- 4. PSCI 410 Community Mediation
- 5. Field experience in a conflict resolution or mediation program or agency, to be tailored to the individual student's needs (taken after PSCI 410 or concurrently with it).

Each of the five elements equals 3 semester hours of credit, for 15 hours altogether. These credits may be applied also toward general education, major, or minor requirements. Successful students will receive a certificate of completion upon graduation.

See Religion, page 54.

## **Political Science Major (B.A.) MAJOR REQUIREMENTS** Requirements for a political science major consist of 26 semanter hours from among the following sources

36 semester hours from among the following courses, with a minimum of 24 upper-division hours.
PSCI 150 Introduction to Political Science
PSCI 250 International Conflict and Peace or PSCI 310 Conflict Resolution
PSCI 320 Constitutional Law: Issues of National Power
PSCI 475 Field Experience (only 6 hours of credit may

count toward major)

PSCI 490 Senior Seminar

At least five of the following courses:

SPAN 420 Introduction to Latin American Literature Or enroll for six or more hours in: SPAN 490 or FREN 490 Study Abroad

Credite shared must be 200 beed on she

Credits abroad must be 300 level or above.

### Social Work Major (B.A. or B.S.)

The social work program seeks to prepare students for professional social work practice with diverse populations in a variety of settings. This includes work with individuals and couples (micro level); families and small groups (mezzo level); and agencies, institutions, community, and church organizations (macro level). There is an emphasis on generalist practice that values the uniqueness, dignity, and needs of all people. Generalist practice is oriented toward analyzing and addressing problems with micro, mezzo, and macro skills and perspectives.

The program courses are designed to include academic social work and field experience/practicum requirements within a liberal arts context. This enables the student to link social research with social work practice. The program prepares students to work in a variety of social work and social welfare settings, as well as to seek admission into graduate programs.

Students interested in pursuing a degree in social work should consult with a social work advisor as soon as possible.

All students interested in social work as a major must make formal application to the program. Each applicant shall:

- 1. Live in compliance with the University expectations and responsibilities (found in the *Undergraduate Student Handbook*).
- 2. Have an overall GPA of at least 2.0 prior to filing an application to the program.
- 3. Complete the following pre-entry courses: PSYC 150 General Psychology, SOCI 150 Principles of Sociology, and SWRK 180 Introduction to Social Welfare with a GPA of at least 2.70.
- 4. Complete the program application process (which includes completion of a written application, recommendations and interview) on or before Jan. 30 of the student's sophomore year. Transfer students should see a social work advisor prior to registration.
- 5. Receive written acceptance into the program from the program admission committee.
- 6. File a Declaration of Major form with the University's registrar's office.

#### **MAJOR REQUIREMENTS (45 hours required)**

SWRK 180 Introduction to Social Welfare SOCI 200 Social Issues SOCI 260 Social Theory SWRK 330 Human Behavior in the Social Environment SOCI 340 Statistical Procedures SOCI 390 Research Seminar SWRK 391 Social Work Practice I SWRK 392 Social Work Practice II SWRK 393 Social Work Practice III SWRK 461 Social Policy I SWRK 462 Social Policy I SWRK 475 Field Experience/Practicum I SWRK 476 Field Experience/Practicum II SWRK 477 Field Experience/Practicum III SWRK 490 Senior Seminar

Required supporting courses (6 hours) Either PSCI 150 Introduction to Political Science, PSCI 190 American Government, or PSCI 240 State and Local Government

SWRK 310 Life Span Human Development.

Required as part of the general education program: SOCI 150 Principles of Sociology PSYC 150 General Psychology BIOL 100 Foundations of Biology

### Sociology Major (B.A. or B.S.)

Sociology is the study of complex and changing social relationships. The sociology program prepares students to (1) analyze human relationships from a sociological perspective, (2) develop the theoretical, technical, and statistical skills necessary for asking and answering sociological questions, and (3) enhance awareness of relationships between personal events and the structure of societies. The program is designed to prepare students for admission into graduate programs, careers in higher education or research, and/or entry-level practice positions within a variety of private and public settings where knowledge of human relationships and methodological skills is helpful.

#### **MAJOR REQUIREMENTS (39 hours required)**

- SOCI 200 Social Issues
- SOCI 260 Social Theory
- SOCI 340 Statistical Procedures
- SOCI 390 Research Seminar
- Either SOCI 300 Group Dynamics or SOCI 350 Social Psychology
- Either SOCI 310 Cultural Anthropology or SOCI 380 Race, Ethnicity, Gender, and Class I
- Either SOCI 410 Juvenile Delinquency or SOCI 450 Aging in Society
- SOCI 275/475 Field Experience (six hours)
- 12 hours of sociology electives

#### Waiver of Requirements

Students enrolled in the teacher education program who believe they have had experience or education that has provided the competencies certain courses and experiences in the program are designed to develop may request a waiver of that portion of the requirements. Waivers may be granted in writing by the director of undergraduate teacher education on the basis of satisfactory evidence submitted by the student through one or more of these means:

- 1. Examination and/or demonstration of competence. The student may demonstrate competence in written or verbal ways or in the execution of specific tasks.
- 2. Experience. The student may request that recent directly related experiences be accepted in satisfaction for course work or field experience. The student is required to submit documentation to support this request.
- 3. The student may request evaluation of other academic work completed satisfactorily to be granted equivalent credit.

#### **Elementary Education Major (B.S.)**

The University offers a degree program for the preparation of elementary school teachers. Upon entering, students interested in majoring in elementary education should contact an elementary education advisor. In addition to general education courses and electives (see page 28), the elementary education major requires the following courses:

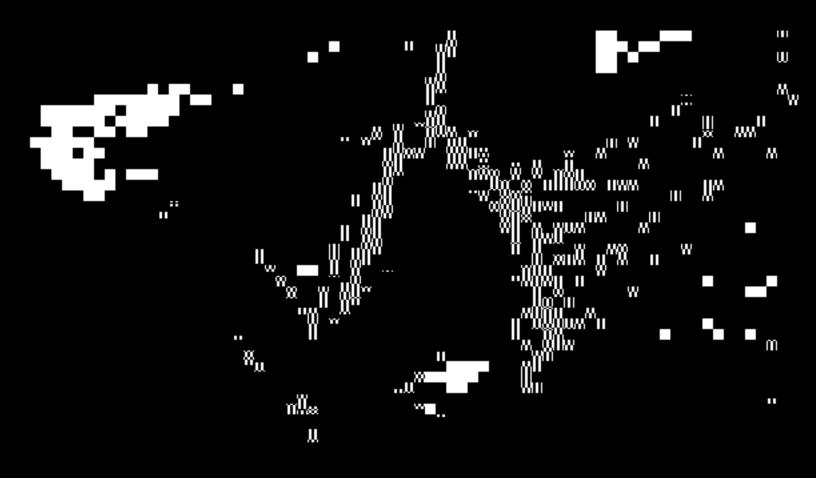
#### **MAJOR REQUIREMENTS**

Requirements for a bachelor of science degree in elementary education include the following courses: EDUC 240 Perspectives in Education EDUC 311, 312 Mathematics for Elementary Teachers EDUC 331 Psychological Foundations: Inclusion

EDUC 332 Psychological Foundations: Learning Theory and Classroom Management

EDUC 333 Developmental Health and Physical Education

EDUC 370 Integrated M Manageme (oundations: Learningi36 M) 17cEducaArtntegrated M5 the te T\* [(EDUC 3378 TIntegr)17.7(ate



# COURSE DESCRIPTIONS

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"The mind is not a vessel to be filled,

but a fire to be kindled."

— Plutarch

Subject	Course Prefix	Page
Accounting		0
American Sign Language		
Art		
Biblical Studies	BIBL	68
Biology	BIOL	69
Business		
Chemistry	CHEM	72
Christian Ministries		
Cinema and Media Communication		
Communication Arts		
Computer and Information Science		
Economics		
Education		
Engineering, Electrical		
Engineering, Mechanical		
Engineering, General		
English as a Second Language		
Family and Consumer Sciences      French		
General Education		
General Education		
Geography		
Greek		
General Science		
Hebrew		
Human Performance Activity		
Human Performance Education		
History		
Health Education		
International Studies		97
Japanese	JPNS	98
Leadership Studies	LEAD	98
Literature	LITR	98
Mathematics		99
Music, Applied Music and Ensembles		
Music, Theory and Literature		102
Philosophy		
Physics	PHYS	105
Political Science		
Psychology		
Religion		
Sociology		
Spanish		
Social Work		
Theatre		
Writing	WRI1	116

#### Courses are listed alphabetically by prefix.



Additional courses are listed under Business and Economics.

#### **ACCT 271 Principles of Financial Accounting**

*3 hours.* Accounting as the language of business. An introductory overview course in accounting from a user perspective. Its purpose is to give students a basic understanding of the logic behind the principles of accounting, enabling them to prepare, read, analyze, and interpret financial statements for the purpose of decision making.

#### **ACCT 272 Principles of Managerial Accounting**

*3 hours.* This course is a continuation of ACCT 271. It emphasizes the uses of accounting data by management and will cover the following topics: the use of financial statements in analysis, budgeting concepts, cost-profit relationships, costing systems, time-value of money, and management decision making. *Prerequisite: ACCT 271 Principles of Financial Accounting.* 

#### **ACCT 273 Accounting Information Systems**

2 hours. This course will emphasize the mechanical aspects of accounting and will cover both manual and computerized accounting systems. The course is designed for the accounting major and is to be taken concurrently with ACCT 272 Principles of Managerial Accounting. Prerequisite: ACCT 271 Principles of Financial Accounting.

#### **ACCT 275 Field Experience**

1-3 hours. An on-the-job experience designed to acquaint the student with the accounting profession.

#### **ACCT 350 Taxation**

*4 hours.* This is an introductory course on fundamental concepts in taxation. The objective of this course is learning to recognize major tax issues inherent in business and financial transactions. The course will emphasize measurement and taxation of business income, along with an introduction to taxation of individuals. *Prerequisite: ACCT 271 Principles of Financial Accounting.* 

#### ACCT 371, 372 Financial Accounting and Reporting

4 hours each semester. A comprehensive study of generally accepted accounting principles, including a review of their historical development and a thorough study of the underlying theory supporting them. A detailed study of many specific problems associated with the measurement and reporting of complex business transactions. Prerequisites: ACCT 272 Principles of Managerial Accounting and ACCT 273 Accounting Information Systems.

#### **ACCT 471 Advanced Accounting**

4 hours. Accounting for specific types of entities, such as partnerships and not-for-profit organizations. The accounting problems encountered in business combinations and foreign currency translation will be studied. Prerequisites: ACCT 272 Principles of Managerial Accounting and ACCT 273 Accounting Information Systems.

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#### AMSL 101, 102 American Sign Language

*2 hours each semester. Offered 2003-04.* An introduction to American Sign Language (ASL), the language of the deaf culture in the United States and Canada. The

#### **ARTS 331 Intermediate Printmaking**

*3 hours.* An introduction to intaglio printmaking (etching, engraving, drypoint, aquatint) techniques and methods. *Prerequisite: ARTS 231 Beginning Printmaking.* 

#### **ARTS 340 Intermediate Mixed Media**

*3 hours.* Provides an opportunity for further development of skills and for the introduction of more advanced techniques. *Prerequisite: ARTS 240 Beginning Mixed Media.* 

#### **ARTS 341 Intermediate Ceramics**

*3 hours.* An introduction to basic wheel-throwing techniques and surface design.

exhibition, writing a statement of artistic intent, and installing artwork in an exhibition space. Majors may petition to substitute ARTS 475 for ARTS 490. *Prerequisite: art major with senior standing, or by permission.* 

#### ARTS 295/495 Special Study

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1-3 hours. Designed to give two emphases for the serious art student: to allow for further individual study in a medium or area in which no further courses are available, and/or to allow for study in an area for which the student may already have some background and in which no course currently is offered.

## BIBL 101, 102 Literature of the Old and New Testaments

*3 hours each semester.* Using selected books and portions, the Old and New Testaments will be studied with attention given to historic contexts, major religious themes, and literary forms of the Bible. *Because these courses provide a foundation of Bible familiarity and reflective use, they are required of all freshmen and firstyear students.* (A 3-hour lower-division Bible elective may substitute for either course given a superior placement examination.)

#### **BIBL 240 Wisdom Literature**

2 hours. The wisdom literature of the Old Testament is investigated historically, literarily, and theologically. The origin and development of the biblical wisdom traditions in the books of Proverbs, Job, and Ecclesiastes are considered in the context of the broader, international wisdom of the ancient Near East and the intertestamental literature. *Taking BIBL 101 Literature of the Old Testament first is recommended*.

#### **BIBL 250 The Psalms**

*2 hours.* An exploration of the Psalms with special attention to their forms, themes, and original cultural settings as well as how the Psalms have been preserved and applied in the community of faith. Students will also consider approaches to interpreting and learning from the Psalms today. Taking BIBL 101 Literature of the Old Testament first is recommended.

#### **BIBL 260 Life of Christ**

*2 hours.* The Synoptic Gospels — Matthew, Mark, and Luke — form the foundation for this inquiry into the life and teaching of Jesus Christ. Taking BIBL 102 Literature of the New Testament first is recommended.

#### **BIBL 270 Writings of John**

*2 hours.* This course explores what it means to believe in Jesus Christ, the Son of God, as depicted in the Johannine Gospel and Epistles. Special attention will be given to John's Christology, sociological setting, and message as they relate to the lives of modern readers. Taking BIBL 102 Literature of the New Testament first is recommended.

#### **BIBL 310 Old Testament History**

*3 hours. Offered 2003-04.* The history of ancient Israel is studied employing the text of the Old Testament narratives in Genesis through Esther, the evidence of archaeology, and other ancient Near Eastern texts. Theological messages and developments will be explored. *Prerequisite: BIBL 101 Literature of the Old Testament.* 

#### **BIBL 330 The Prophetic Writings**

4 hours. Offered 2002-03. This course studies the origin and historical development of ancient Israelite prophecy and its culmination in the canonical books of the prophets. The historical and social setting of the prophets will be considered, along with the spiritual themes that dominate and characterize them. *Prerequisite: BIBL 101 Literature of the Old Testament.* 

#### **BIBL 340 Between the Testaments**

*3 hours. Offered 2003-04.* An introduction to history, literature, and theological developments in Israel between 400 B.C. (Ezra) and the first century A.D. (Christ), to provide the basis for understanding both the conclusion of the Old Testament period and the origins of Judaism and Christianity. *Prerequisite: BIBL 101, 102 Literature of the Old and New Testaments.* 

#### **BIBL 385 Selected Bible Topics**

2 hours. The study of a book or portion of the Bible or a major biblical theme with the purpose of gaining deeper understanding of the biblical topic and of growing in the skills of studying and interpreting the Bible. Topics will vary according to the professor's expertise. May be repeated for different topics. *Prerequisite: BIBL* 101 and 102 Literature of the Old and New Testaments, or by permission.

#### **BIBL 390 Biblical Basis for Peacemaking**

2 hours. Offered 2003-04. Focusing centrally on Jesus' teachings about peacemaking, this course deals with the biblical treatment of peacemaking, including the prophetic and apocalyptic visions of the kingdom, and the interpretations of these teachings by the early church. Attention also will be given to what it means to work for peace in today's world, as co-laborers with Christ. Prerequisite: BIBL 102 Literature of the New Testament.

#### BIBL 411, 412 Acts and the Pauline Epistles

*3 hours each semester. Offered 2002-03.* An extensive study of the mission and teachings of the New Testament

#### **BIOL 485 Selected Topics**

1–4 hours. Offered when special needs arise or when sufficient enrollment permits. Course content includes specific interests of faculty or visiting professors, or special training required by graduate or professional schools. *Prerequisites: BIOL 101, 102 General Biology and permis-*

#### **BUSN 450 Marketing Research and Decision Making**

*4 hours.* Research methods for marketing decisions. Topics include defining research needs, the formulation of research questions, consideration of alternative methodologies, sources of data and information, sampling, and interpretation and reporting of findings. Consideration of strategies for decision making relative to the marketing mix. Examination of forecasting, pricing, and decision-making models. *Prerequisites: BUSN 240 Statistics for Business and Economics, BUSN 340 Marketing.* 

## BUSN 471 Finance I — Investments, Financial Markets, and Institutions

*4 hours.* Topics will include: 1) investments — stock and bond valuation, market efficiency, modern portfolio theory, asset allocation, and risk and return evaluation; 2) portfolio simulation; and 3) role and management of financial intermediaries including the U.S. banking system and other depository institutions. *Prerequisite: BUSN 310 Financial Management.* 

#### **BUSN 472 Finance II** — Advanced Corporate Finance

*4 hours.* Topics will include: 1) short-term working capital management, such as cash and marketable securities, accounts receivable, inventory, and sources of short-term financing; and 2) long-term financial decisions such as capital structure, dividend policy, sources of long-term financing. The emphasis will be on case analyses. *Prerequisite: BUSN 310 Financial Management.* 

#### **BUSN 475 Field Experience**

*1–6 hours.* Supervised experiences in businesses, non-profit organizations, and public agencies.

#### **BUSN 480 Organizational Behavior**

*4 hours.* This course examines the complex and dynamic interactions of people and organizations in society. Particular focus will be on organizational theory, human perception, motivation, group dynamics, power, conflict, culture, leadership, organizational development, and managing change. *Prerequisite: Completion of the functional core in business.* 

#### **BUSN 485 Selected Topics**

1–3 hours. Occasional special courses chosen to fit the interests and makin-tior

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#### **CHEM 310 Analytical Chemistry**

*3 hours.* An introduction to the principles and techniques of quantitative chemical analysis. Material includes gravimetric, volumetric, and complexometric analysis; neutralization, precipitation, and oxidationreduction titrations; solubility; statistical methods of data analysis; and an introduction to instrumental methods. Two lectures and one three-hour laboratory per week.

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# CHMN 420 Christian Preaching

*2 hours.* Building an understanding of the purposes, content, and structures of Christian preaching. To increase awareness and appreciation of this form of communication, the course includes the writing and delivery of an original sermon by each student.

#### **CHMN 440 Camp Administration**

2 hours. Offered 2002-03. Designed to develop a basic understanding of programming, business, and leadership at an administrative level. A weekend camping trip is required. (Identical to HHPE 440.) *Prerequisite: CHMN* 370 Camp Programming and Counseling, or permission of the instructor.

#### **CHMN 475 Field Experience**

1–5 hours. Supervised internship in areas of Christian ministry, with emphasis on application of methods learned. *Open to upper-division students only, by applica-tion.* 

### CHMN 491 Shared Praxis III: Methods and Skills in Ministry

4 hours. A study of ministry methods and skills that will enable students to appropriate the Christian story and vision to their own ministry contexts. This is the third of four semesters. *Prerequisite: CHMN 392 Shared Praxis II: The Christian Story and Vision.* 

# CHMN 492 Shared Praxis IV: Supervised Field Experience

4 hours. Active involvement in an area of Christian ministry through supervised experience, and reflection on ministry experiences through class support and discussion. This is the fourth of four semesters. *Prerequisite: CHMN 491 Shared Praxis III: Methods and Skills in Ministry.* 

#### CHMN 495 Special Study

1-3 hours. Individual research. Open to qualified students upon application.



# **CMCO 230 Introduction to Video Production**

*3 hours.* An introduction to the language and the technical, creative, and aesthetic elements of the video production process. Course includes basic lighting, sound, camera operation, composition, and design of visual elements, producing, and directing through both classroom and supervised laboratory experiences.

#### **CMCO 250 Digital Multimedia Production**

*3 hours.* The focus of the course is on effective communication strategies of interactive media as traditional media converges on the digital platform. Special attention will focus on designing nonlinear programs that allow flexible paths accessing information. Students will have the opportunity to experiment with creating media elements (audio, video, graphics, photography, and text) and organizing them into interactive CDs and Internet Web pages.

# **CMCO 260 Scriptwriting for Media**

*3 hours. Offered 2002-03.* An introduction to the styles, techniques, content, and forms of television writing. Both dramatic (sitcom and dramatic features) and nondramatic (news and informational) forms of writing are covered. The writing of several short scripts is required in the course. *Prerequisite: WRIT 110 Freshman Composition.* 

#### CMCO 295 Broadcast News

*3 hours. Offered 2003-04.* Striking a balance between analysis and production, Broadcast News looks at the historical roots and current trends of television news. Students put this analytical knowledge to the test in producing their own news stories to air on cable TV.

#### **CMCO 320 Dramatic Scriptwriting**

*3 hours. Offered 2003-04.* An introduction to the art of writing for film. Dramatic structure is emphasized and plot scenarios, dialogue, and characterization are among several topics examined and exercised. Students create original feature length films or plays. The writing experience is complemented through an examination of the business aspects of writing, including spec-scripts, agents, and the Hollywood system.

#### **CMCO 340 Audio Production and Broadcasting**

*3 hours. Offered 2002-03.* Concentrating on recording, editing, and mixing multitrack audio on a digital platform. The course will look at special recording techniques used for (a) human voices in speaking, singing, and dramatic performance, (b) musical instruments, and (c) dramatic sound effects. Students will complete projects in editing and mixing of multitrack sound programs.

#### **CMCO 350 Editing Video**

*3 hours. Offered 2002-03.* Theory and practice in editing the moving image. Analysis of Hollywood and avantgarde styles of editing is followed by practice exercises illustrating each concept.

## **CMCO 355 Event Video Production**

*3 hours.* This course concentrates on live multicamera production of sporting, theatrical, and entertainment events. The course concentrates on producing and directing components, but also features setting up multicamera remote systems for video broadcast.

#### COMM 330 Reviewing Film and Television

*3 hours.* The critical analysis of the moving image, including television programming and film. Employs textual, contextual, and ethical methods for illuminating the relationship of these media artifacts to modern culture, both secular and religious. *Prerequisite: one communication arts or communication/video production course.* 

### **COMM 340 General and Cultural Linguistics**

*3 hours. Offered 2003-04.* A study of the nature of verbal symbols as they function in communication. The course will include phonetic transcription, semantics,



modern grammatical theories, history of the English language, and modern English dialects.

# COMM 350 Introduction to TESOL (Teaching English to Speakers of Other Languages)

*3 hours.* An introduction to the theory and practice of teaching English (or any language) to non-native speakers. Topics include principles of language teaching, communicative and interactive approaches, teaching methods and techniques for improving different language skills, lesson planning, materials selection and adaptation, testing, cultural issues, teaching English as Christian witness, and working with English as a second language students in a mainstream class. Students relate theory to practice in a school- or community-based practicum.

### **COMM 360 Nonverbal Communication**

*3 hours. Offered 2002-03.* A study of the nonverbal dimensions of interpersonal communication. Includes a consideration of physical behavior, facial expression, eye behavior, personal appearance, personal space, clothing, touch, voice, and use of objects as means of communication and in relation to verbal communication. Involves participation in nonverbal simulations and exercises. *Prerequisite: one communication arts course.* 

#### **COMM 370 Organizational Communication**

*3 hours.* An examination of organizations from a communication vantage point. Combines study of theoretical perspectives with skill development. Students will build organizational communication competencies through understanding the nature of communication in the organizational context and by practicing effective communication skills. Possible topics include communication networks and climates, superior-subordinate relationships, computer-mediated communication, organizational identification, communication audits, group and team communication, interviewing, meetings, and presentations.

#### COMM 380 Leadership Communication

*3 hours.* An introduction to the study and practice of leadership from a communication perspective. Particular focus on the relationship between communicating and leading. Examination of leadership concepts and theories in organizational, group, and public contexts. Students will analyze their personal leadership styles and develop leadership communication skills through team projects and classroom exercises. *Prerequisite: sophomore standing or above.* 

# COMM 400 Critical Approaches to Communication

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*3 hours.* Methods of rhetorical criticism as applied to public communication of the past and present, including but not limited to speeches, broadcasts, films, and campaigns. Analysis of current trends in rhetorical criticism. *Prerequisite: COMM 300 Theoretical Approaches to Communication, or permission of the instructor.* 

#### **COMM 410 Gender Communication Across Cultures**

*3 hours.* A course designed to introduce students to the nature and function of gender differences in communication on a cross-cultural basis. Examines biological, cultural, linguistic, and power theories that attempt to explain these differences. Focus given to verbal (spoken and written) language as well as nonverbal communication codes.

## **COMM 475 TESOL Field Experience.**

1–3 hours. Supervised teaching experience in a school or community program for learners of English as a second language. Prerequisite: COMM 350 Introduction to TESOL or EDFL 473 Planning and Managing ESOL Curriculum and Instruction.

# CSIS 360 Computer Architecture and Assembly Language

*3 hours. Offered 2002-03.* An introduction to digital computer hardware architecture and organization. Topics include digital logic, processor design, instruction sets, and system architecture. Programs written in assembly language will be used to gain hands-on experience with the underlying system architecture.

#### **CSIS 485 Selected Topics**

1–10 hours. A scheduled class with topics chosen to meet the special needs and interests of students, faculty, or visiting professors. For upper-division computer information science majors only.

#### **CSIS 490 Applied Software Development**

1–3 hours. Special software development projects designed and completed by the student in an area that applies computers. This is an independent-study course and is supervised by staff in both the computer area as well as in the selected area of study. For upper-division computer information science majors only, by permission.

#### **CSIS 495 Special Study**

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1–3 hours. Individual study in areas of special interest. For upper-division computer information science majors only, by permission.

Additional courses are listed under Accounting (pg. 65) and Business (pg. 71).

#### **ECON 201 Principles of Microeconomics**

*3 hours.* An introduction to the micro aspects of the social science concerned with the allocation of resources. Consideration is given to the fundamental principles governing production, distribution, consumption, and exchange of wealth. The course studies the behavior of microeconomic units such as individuals, households, firms, and industries. ECON 201 and ECON 202 are complementary courses; however, either course may be taken first.

#### **ECON 202 Principles of Macroeconomics**

*3 hours*. An introduction to the macro aspects of the social science concerned with the allocation of resources. Consideration is given to the fundamental principles of the economy as a whole, dealing with economic data, -0.0001 Tc.9(2 ar)17.7( k)1/F1 m 321.7 7.

# **EDUC 275 Field Experience**

*1–2 hours.* An elective field placement individually designed with approval of the instructor. Does not substitute for required field assignments; 40 hours fieldwork per credit is required.

# EDUC 311, 312 Mathematics for Elementary Teachers

4 hours each. These courses include a study of the

#### EDUC 475 Student Teaching II

12 hours, elementary. A full-time laboratory experience in which principles and methods of teaching are applied under supervision of a classroom teacher and college supervisor.

#### EDUC 285/485 Selected Topics

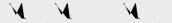
1–3 hours. A seminar dealing with various topics as announced that represent current faculty interests and competencies.

#### **EDUC 490 Senior Seminar**

*3 hours.* Seminar discussion of current trends and issues in education, as well as job transition and related issues.

#### **EDUC 495 Special Study**

1–3 hours. Directed independent study open to upper-division students only. May not be used to substitute for required courses. *Prerequisite: instructor's permission.* 



# **Electrical Engineering**

### **ENGE 220 Digital Logic Design**

4 hours. Introduction to digital systems and binary codes; Boolean algebra and digital logic devices; combinational logic circuits and design methods; ROM and RAM memory elements; sequential logic circuits and

design methods. Laboratory experience includes TTL logic circuits and CAD tools. Three lectures and one laboratory per week. *Prerequisite: ENGR 152 Engineering Principles II or CSIS 201 Introduction to Computer Science.* 

#### **ENGE 250 Electrical Circuit Analysis**

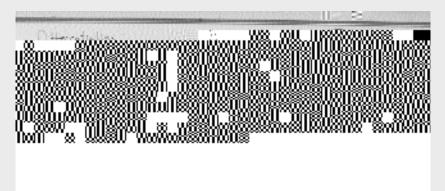
4 hours. Basic concepts of DC and AC electrical circuits. Voltage-current relationships for circuit elements; Kirchhoff's laws; Thevenin and Norton theorems. Basic transient and sinusoidal steady-state analysis; phasor analysis; frequency response, resonance, and measurement concepts. Applications of the transistor and operational amplifier. Analysis and design aided by PSpice simulation software. Three lectures and one laboratory per week. *Prerequisite: PHYS 212 General Physics with Calculus. Corequisite: MATH 310 Differential Equations.* 

#### **ENGE 300 C Programming with Applications**

*2 hours.* Introduction to the C programming language as a means to perform low-level access and control of hardware with a high-level language. Real-time computing, custom software applications, portability issues, and introduction to pointers. Applications to engineering problems, including data acquisition and control systems. *Prerequisites: ENGE 220 Digital Logic Design, and MATH 202 Calculus II.* 

#### **ENGE 311 Electronic Devices and Circuits**

4 hours. Introduction to the terminal characteristics of active semiconductor devices. Operation and small-signal models of diodes, junction and field-effect transistors, and operational amplifiers. Basic single-stage and multistage amplifiers: gain, biasing, and frequency response. Switching characteristics of transistors in saturation and cutoff. Three lectures and one three-hour laboratory per week. *Prerequisites: ENGE 220 Digital Logic Design*, *ENGE 250 Electrical Circuit Analysis, and ENGR 250 Principles of Materials Science.* 



#### **ENGE 312 Applications of Electronic Devices**

*3 hours*. Analog and digital applications of electronic devices: amplifiers, oscillators, filters, modulators, logic circuits, and memory elements. Feedback, stability, and noise considerations. Emphasis on practical design problems and the formulation of design objectives. Two lectures and one three-hour laboratory per week. *Prerequisite: ENGE 311 Electronic Devices and Circuits*.

#### **ENGE 330 Signals and Electrical Systems**

*3 hours.* Fundamental concepts of continuous-time and discrete-time signals and systems. Linear time-invariant systems, the convolution integral, and impulse response. Fourier series and frequency domain analysis. Fourier, Laplace, and z-transform techniques. Principles of feedback, sampling, and modulation. *Prerequisite: ENGE 250 Electrical Circuit Analysis.* 

#### **ENGE 350 Electrical Network Analysis**

3 hours. Theoretical and practical aspects of electrical networks. Loop and nodal analysis of multi-port networks. Admittance, impedance, and transmission param-

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minates in the construction of the projects, oral presentations, and formal written reports. *Prerequisite: ENGR 481 Senior Design I.* 

### **ENGR 485 Selected Topics**

2–4 hours. Occasional special courses chosen to fit the interests and needs of engineering students and faculty.

# ENGR 490 Senior Seminar

tion patterns and uses the decision-making process to familiarize the consumer with appropriate resource allocation to attain desired goals.

#### FCSC 370 Pattern Drafting and Apparel Design

*3 hours. Offered 2003-04.* A study of the flat-pattern method of garment design. Each student will use advanced fitting principles to produce a basic fit garment and a personal sloper. The sloper will be used in the production of an original design using flat-pattern techniques. Included in the process are construction of the original design in half-scale and full-scale. *Prerequisite: FCSC 120 Apparel Construction.* 

#### FCSC 378 Apparel CAD

*3 hours. Offered 2002-03.* Emphasis on clothing design by use of draping techniques. Course includes introductory unit focusing on computer-aided-design processes. Each student will complete an original design in halfscale using draping techniques. *Prerequisite: FCSC 120 Apparel Construction.* 

#### FCSC 380 Evolution of World Dress

*3 hours.* Important events in history, combined with values, technology, and conflict, have influenced dress from 3000 B.C. to the early 1900s. The origins of dress are analyzed from the ancient world to the Middle Ages, to the periods identified as Renaissance, Baroque, and Rococo, and terminating with clothing styles from the early 20th century.

#### FCSC 430 Nutrition and the Life Cycle

*3 hours. Offered 2003-04.* Survey of human nutrition science and contemporary issues affecting stages of the life cycle, from conception to the aging adult. Emphasis on the role diet plays in the development and treatment of chronic disease. *Prerequisite: FCSC 300 Nutrition, or e8nd trelopm5 5 0 TA(05r)10, and te9mportion, bk9mportit Aprild Dress* 

3 hours. Offered 2002-03.

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The following list includes both required general education courses and interdisciplinary elective courses that serve particular purposes.

#### **GEED 100 Effective College Learner**

*1 hour.* A course related to the Academic Success Program through which personal confidence is enhanced by instruction in study skills, methods, and tools used by successful college students. It may be taken during the spring semester by students not in the Academic Success Program.

#### **GEED 130 Freshman Seminar**

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*1 hour.* Members of the entire entering freshman class select a small seminar-style topical course for the first five weeks of fall semester, meeting weekly with an advisor and a returning student peer advisor. Selected topics and issues introduce students comfortably to the academic and social life of the University community. *Required of all first-time freshmen.* 

## GEED 214 Designing Your Career Plan; Discovering Your Career Self

*1 hour.* This course, for freshmen and sophomores, will cover learning about oneself, life mission, work skills, values, interests, and personality. Educational and occupational opportunities will be examined in light of this self-assessment, which will lead to selecting a major. Use of career assessment tools, career computer system, standard career references, major research, and introduction to work-related experiences will be the sources of information in these tasks. The meaning of work and career decision making will be addressed from the biblical perspective.

# GEED 216 Managing Your Career Plan; Connecting With the Workplace

*1 hour.* This course, *for sophomores and juniors*, will focus on additional exploration of occupations through information interviews, internships, company tours, job shadowing, and professional organizations. Exposure to the workplace and readiness for graduate school admission are the primary objectives. The course will also address the need to bring clarity and definition to the career decision. The meaning of work and career decision making will be explored from the biblical perspective.

#### GEED 218 Implementing Your Career Plan; Finding After-College Employment

1 hour. This course, for juniors and seniors, will focus on honing skills needed to find employment; contemporary résumé writing, interviewing, strategizing a job search, networking, and completing a portfolio. Making employer contacts, transitioning successfully into the professional work force with an understanding of the market, and learning to solve future career problems will be emphasized. The meaning of work and career decision making will be discussed from the biblical perspective.

#### GEED 271, 272 Sophomore Honors Colloquium GEED 371, 372 Junior Honors Colloquium

1 hour each semester. This is one combined course, with students registering at their current class level. Discussion of literary, philosophical, theological, and/or public themes from selected books, together with appropriate retreats, activities, or excursions, occasionally enriched by visiting resource people. *Prerequisite: permission of instructors and the Intensified Studies Committee*.

#### **GEED 375 Cultural Experience**

Maximum 12 hours. Supervised experience in a cultural setting that contributes to the educational goals of the student. This may include, but is not limited to, Juniors Abroad study tours. *Prerequisite: permission of advisor and the academic dean.* 

# GEOG 200 Cultural Geography and Global

# GEOG 200 Cultural Geography and Global Relationships

*3 hours.* A study of the world's cultural regions developed through the themes of location, human environmental relationships, movement, and regions, with emphasis on the interrelatedness of culture, physical, economic, historical and political geography in creating the dynamic cultural landscapes existing today. (Identical to INTL 200.)

# GERM 101, 102 First-Year German

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*3 hours each semester.* Offered on sufficient demand. A study of the structures of the German language, with practice in listening, speaking, reading, and writing. The cultures of Germany and German-speaking countries are presented as integral aspects of learning the language. Language lab listening and interaction are required.

#### GERM 201, 202 Second-Year German

*3 hours each semester.* Offered on sufficient demand. A thorough review of German language structures, with extensive practice in reading and speaking. Students read short stories and articles and present oral and written reports. Language lab listening and interaction are required. *Prerequisite: GERM 102 First-Year German, or two years of high school German, or by testing.* 

## GREK 201, 202 Hellenistic Greek I

4 hours each semester. Offered 2003-04. A beginning course in the Greek of the New Testament, including vocabulary, grammar, declensions, conjugations, and special constructions. The First Epistle of John and various other selections from the New Testament are read. The second semester may be applied as biblical studies major credit.

#### GREK 301, 302 Hellenistic Greek II

4 hours each semester. Offered 2002-03. The continuation of the course in the Greek of the New Testament, including vocabulary, grammar, and special constructions. Emphasis is placed on readings from biblical texts and exegesis of those texts. *Prerequisite: GREK 202 Hellenistic Greek I.* 



#### **HHPE 370 Camp Programming and Counseling**

*3 hours. Offered 2003-04.* A camping overview: its historical development and philosophy. Types of camps, program activities, teaching-learning models, leadership recruitment and training — with special emphasis on methods of camp counseling — are covered. Overnight campout is required. (Identical to CHMN 370.)

#### **HHPE 375 Athletic Training Practicum**

*1 hour.* Supervised experience in an athletic training environment. Additional study required, with an emphasis on athletic training techniques and athletic injury management. Course to be repeated each semester. *Prerequisites: HHPE 390 Care and Prevention of Athletic Injuries, HHPE 413 Therapeutic Exercise, HHPE 414 Therapeutic Modalities, and declared athletic training major. (4 hours required.)* 

#### **HHPE 380 Recreational Leadership**

*2 hours.* A study of leadership styles, techniques, and methods in the field of recreation. The course also will include practical information on the construction and operation of intramural programs in a variety of settings.

## **HHPE 384 Pharmacology in Athletic Training**

1 hour. Offered 2003-04. An emphasis on the knowledge, skills, and values required of an athletic trainer on pharmacologic applications, including indications, contraindications, precautions, interactions, and governing regulations relevant to the treatment of injuries and illnesses of the physically active. *Prerequisites: BIOL 221,* 222 Human Anatomy and Physiology.

### **HHPE 390 Care and Prevention of Athletic Injuries**

*3 hours.* An introductory survey of athletic training. Emphasis will be on terminology, injury evaluation, rehabilitation, and emergency care procedures. Common taping techniques also will be presented.**1 hour**  н

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# HHPE 460 Physical Education for the Exceptional Student

*3 hours. Offered 2002-03.* This course considers the nature and etiology of disabilities and handicapping conditions, as well as the implications for and development of appropriate physical education programs.

# HHPE 470 Motor Development and Motor Skill Learning

*3 hours.* A study of the development of motor skills. Psychological principles of learning are applied to motor skill learning. A review of research and an inquiry into the effect of various conditions on the learning and performance of motor skills from early childhood through the adult years.

#### HHPE 475 Fitness Management Field Experience

*9 hours.* Supervised field experience for senior human performance majors in the fitness management major track. Field experience takes place in a variety of settings, including health clubs, YMCAs, cardiac rehabilitation programs, nutritional centers, senior citizen centers, and community recreation programs. *By permission only, with application made one semester in advance of placement.* 

### HHPE 480 Tests and Measurements in Physical Education

*2 hours. Offered 2002-03.* Emphasis is given to methods of evaluation in programs of physical education. Testing procedures, standard tests, physical examinations, and evaluation activities are discussed.

#### **HHPE 485 Selected Topics**

2–3 hours. A seminar dealing with various topics, as announced, that represent current faculty interests and competencies.

### HHPE 490 Senior Seminar

*1 hour.* Discussion of current issues in health, physical education, and athletics. Senior thesis is required.

## HHPE 495 Special Study

1–3 hours. Individual research under the guidance of the faculty. *Prerequisite: instructor's permission.* 

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#### HIST 110 Western Civilization to 1648

*3 hours.* A survey of Western civilization from the ancient world through the Reformation and religious wars, including attention to the origins and development of religious, political, and economic life and ideas.

#### HIST 120 Western Civilization from 1648

*3 hours.* A survey of European civilization from early modern Europe to the present day. Special attention is

given to the political, economic, and religious developments that continue to influence European society and its role in world events.

#### HIST 150 America and the World

*3 hours.* A study of the United States since 1756. Emphasis is on the development of democracy, the capitalist economic system, and the rise of the United States as a world power.



#### HIST 220/420 War and Conscience in the United States

*3 hours.* An exploration of American thought on the subject of war, both today and in past crises such as the American Revolution, Civil War, wars with the Indians, the world wars, Vietnam, and the Gulf War; a study of the official position major church bodies have taken in regard to war; and the experiences of individuals who refused to fight. (Identical to PSCI 220/420.)

#### **HIST 280 Introduction to Political Philosophy**

*3 hours.* A study of great political thinkers and issues from Socrates to the present. Students are encouraged to understand and evaluate these thinkers in their historical contexts, and to consider them as philosophers whose insights are relevant for contemporary debates. (Identical to PSCI 280 and PHIL 280.)

#### **HIST 300 American Political Theory**

*3 hours.* A survey of the major developments in U.S. political theory from the Puritans to the present. The relationship between Christianity and American political theory is given special attention. (Identical to PHIL 300 and PSCI 300.)

#### HIST 457 The Colonial Experience, 1607-1763

*3 hours.* Studies Colonial life in the British colonies of North America from the founding of Jamestown to the end of the French and Indian War. Emphasis is placed on religious conflict and development, the growing sense of a unique American identity, and the importance of community as opposed to the distant British government in the lives of everyday citizens.

# HIST 458 The Making of the American Republic, 1754-1825

*3 hours.* Studies the world of the founders. Emphasis is placed on the ideological, social, and political milieu that gave birth to the American Revolution and Constitution. The course also considers the radical changes in American society the revolution set in motion.

### HIST 459 The Era of the Civil War, 1825-1898

*3 hours.* Examines the causes of the Civil War. In addition, slavery, Christianity, the westward movement, the struggle for power in Congress, Abraham Lincoln, the rise of Northern industrialism, and Southern society are all studied in their own right and in relation to the

spective such topics as families in cultural context,

JPNS 101, 102 First-Year Japanese 3 hours each semester. for reading and analyzing poems, including the use of figurative language, scansion, and symbolism. Explores the interaction of form and content and the relationship of text to context. *Prerequisite: LITR 100 Introduction to Literature, or instructor's permission.* 

#### LITR 350 Literary Criticism

*3 hours.* Introduces students to various schools of literary criticism. Students will practice using different critical approaches to writing about literature. Recommended for juniors and seniors. *Prerequisite: 6 hours of literature courses or instructor's permission.* 

#### LITR 360 Values Through Story and Myth

*3 hours.* A consideration of selected writers and works that attempt to understand, explore, and transmit values through narrative. Works considered will range from fiction to nonfiction, including essays, short stories, film, poems, and novels. The focus is on issues related to gender, the environment, and the social/political community as they reveal and define our contemporary world and its cultural values structures.

#### LITR 376 British Literature to 1660

*3 hours.* A selective look at the literature of the British Isles, from the earliest texts through 1660. Particular attention is given to the Anglo-Saxon, Medieval, and Renaissance periods. *Prerequisite: one 100- or 200-level literature course or instructor's permission.* 

#### LITR 377 British Literature, 1660 to 1830

*3 hours.* A selective look at the literature of the British Isles during the Restoration, the Neoclassical, and the Romantic periods. Particular attention is given to the emergence of the novel and the poets who most clearly influenced the continuing development of poetry. *Prerequisite: one 100- or 200-level literature course or instructor's permission.* 

#### LITR 378 British Literature, 1830 to the Present

*3 hours.* A selective look at the literature of the British Isles during the Victorian, Modern, and Contemporary periods. Particular attention is given to the literature of doubt and faith, the development of the novel, and post-Colonial issues. *Prerequisite: one 100- or 200-level literature course or instructor's permission.* 

#### LITR 385 Major Authors

*3 hours.* Focuses on a major author or authors, changing from year to year according to the professor's expertise. The course considers the different phases of the career and development of the author's art, as well as the appropriate contexts in which she or he wrote, and his or her legacy for later writers. May be repeated for different authors. *Prerequisite: LITR 100 Introduction to Literature, or instructor's permission.* 

#### LITR 440 A Study of the Modern Novel

3 hours. Examines the modern novel as a distinct lit-

erary form through the analysis of important world writers. Discusses such issues as the relationship between novelistic structure and ideology. *Prerequisite: LITR 100 Introduction to Literature, or consent of the instructor.* 

#### LITR 495 Individual Research

1–3 hours. Individualized study related to the student's needs and interests. Open to exceptional students at the discretion of a faculty member.

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#### **MATH 100 The World of Mathematics**

*3 hours.* An introduction to various topics of modern mathematics from an elementary point of view so as to be understandable to nonmathematics and nonscience majors and to foster an appreciation for the art, history, beauty, and applications of mathematics. Topics will be covered that allow students to do the mathematics involved without needing a strong mathematical background.

#### **MATH 120 Intermediate Algebra**

*3 hours.* A course for students who have had an introductory course in algebra or who require further review before taking additional courses in math or science. Topics include the solving of linear equations and systems of equations, factoring of polynomials, and an introduction to functions.

#### **MATH 190 Precalculus Mathematics**

*4 hours.* A course for students who are preparing to take calculus or other courses requiring a similar background. In addition to studying the topics found in a college algebra course, this course will focus on trigonometry and an introduction to exponential and logarithmic functions. *Prerequisite: MATH 120 Intermediate Algebra, or its equivalent.* 

#### MATH 201, 202, 301 Calculus I, II, III

4 hours each semester for MATH 201, 202; 3 hours for MATH 301. A study of differential and integral calculus,

# **MATH 260 Discrete Mathematics**

3 hours. An introduction to discrete mathematics.

#### MUSA 105/305 Applied Strings

*1 or 2 hours.* Instruction on violin, viola, cello, and string bass. Basic fundamentals, posture, bow, and arm techniques, shifting, and vibrato. Included are scale and arpeggio studies and works from the standard solo and orchestral repertoire.

#### MUSA 105/305 Applied Woodwinds

*1 or 2 hours.* Instruction on flute, clarinet, oboe, saxophone, and bassoon. Tone production, scales, and arpeggios in various articulations. Includes technical studies and works from the standard solo and orchestral repertoire.

the choral repertoire each spring. Handel's *Messiah* is performed every third year.

#### MUSA 125/325 Concert Choir

<sup>1</sup>/<sub>2</sub> or 1 hour. The Concert Choir is committed to excellent choral singing in a wide variety of styles, including contemporary sacred and gospel arrangements, spirituals, and hymn settings. The choir's combined commitment to excellence and ministry finds expression in concerts given on campus and in churches throughout

#### MUSA 105/305 Applied Brass

*1 or 2 hours.* Instruction on trumpet, French horn, trombone, baritone, and tuba. Technical studies include tone production, scales, and arpeggios with various articulation. Works from the standard solo and orchestral repertoire are studied.

#### MUSA 105/305 Applied Percussion

*1 or 2 hours.* Instruction on snare drum, tympani, the mallet instruments, and drum set. An in-depth study of all the percussion instruments used in the wind ensemble and orchestra.

#### MUSA 105/305 Applied Guitar

1 or 2 hours. Study of playing techniques, with emphasis on chordal knowledge and basic strums. Solos and ensemble pieces will be included for each student at his or her performance level.

# **Ensembles**

#### MUSA 115/315 Festival Chorus

1/2 hour. The chorus is composed of members of all the University choirs. It also is open to all University students, University faculty and staff, alumni, and community singers. The chorus, typically accompanied by orchestra, performs a significant sacred choral work from

#### MUSA 145/345 Wind Ensemble

<sup>1</sup>/<sub>2</sub> or 1 hour. The Wind Ensemble is a touring ensemble that plays concerts throughout the Northwest. The spring tour repertoire is played in schools, churches, and for chapel. This ensemble serves to train students for careers in instrumental conducting and performing. *Prerequisite: instructor's permission.* 

## MUSA 145J/345J Jazz Ensemble

 $\frac{1}{2}$  hour. An ensemble organized to train instrumentalists in the jazz repertoire. Performances are usually for school events and some off-campus concerts. Members who are music majors must also be enrolled in the Wind Ensemble.

#### MUSA 155/355 Chehalem Symphony Orchestra

<sup>1</sup>/<sub>2</sub> or 1 hour. The symphony orchestra performs music by the master composers of the Baroque, Classical, Romantic, and Modern eras. Concertos featuring student soloists are often part of the annual repertoire. Community and faculty musicians combine with University students to form this ensemble. Performances include fall and spring concerts, as well as accompaniment of the Festival Chorus. *Prerequisite: instructor's permission.* 

#### MUSA 165/365 Instrumental Ensemble

<sup>1</sup>/<sub>2</sub> hour. An ensemble organized to meet the needs of the instrumental music student who desires to explore literature for the small ensemble, such as string quartet, brass quartet, or woodwind quintet.

## **Theory and Literature** MUSI 100 Music Fundamentals

*2 hours.* This course provides a fundamental understanding of music by considering the basics of musical construction, with examples drawn from the history of music. A study of musical notation, interval recognition, elements of pitch and rhythm, scale and chord construction, essential concepts in harmony, and basic musical forms. The student will be able to experience these fundamental concepts at the piano. No musical or keyboard experience is necessary.

## MUSI 110 Understanding Jazz

*2 hours.* A study of various aspects and types of jazz, from blues to jazz rock. Students will discover the great jazz artists and learn how to listen to a variety of jazz idioms.

#### **MUSI 111 Introduction to Music Literature**

*2 hours.* A course to develop music appreciation through extensive listening to standard works. Study of vocal and instrumental forms and styles of the various periods.

#### **MUSI 120 The World of Music**

*2 hours.* This course acquaints the liberal arts student with a broad range of musical styles reflecting diverse cultures, including classical, jazz, and popular music. Various composers, performers, and their music are listened to and studied.

#### MUSI 121, 122 Theory I

*3 hours each semester.* A course designed to help the student systematically acquire basic information and interrelated skills that will be of value in future musical endeavors as performer, teacher, or composer. Includes work in part writing, keyboard harmony, analysis, and creative writing. *Must be taken concurrently with MUSI 131, 132 Sight Singing and Ear Training.* 

#### **MUSI 125 Voice Class**

1 hour. May be repeated for credit. A course designed for beginning singers who wish to understand, improve, and enhance their individual voices. Classroom participation will include instruction in basic vocal technique and care of the voice. Students will learn a variety of song literature and vocal exercises.

#### MUSI 131, 132 Sight Singing and Ear Training

1 hour each semester (two class hours a week). A lab experience designed to develop proficiency in singing prepared melodies, melodies at sight, rhythmic patterns, and in taking basic melodic dictation. *Music majors* should register for this lab as a required component of *MUSI 121, 122 Theory I, which should be taken concur*rently.

#### **MUSI 135 Class Piano**

*1 hour.* May be repeated for credit. Elementary- to intermediate-level class instruction in piano. This class is open to any student regardless of previous experience and does not require an instruction fee in addition to the normal tuition cost. Students working toward achieving the required piano proficiency may choose to study private applied piano with the instructor's consent rather than enroll for Class Piano. *Required of all music majors who have not yet met the piano proficiency skill level.* 

#### **MUSI 140 Organ for Pianists**

*1 hour. Offered 2002-03.* Group instruction in organ, its design, literature, and performance techniques. Designed for pianists of at least intermediate keyboard competency with no previous experience in organ.

#### **MUSI 150 Keyboard Accompaniment**

*1 hour.* This course provides "on-the-job training" and special insights and skills in the art of accompanying. A wide range of repertoire is studied, from accompanying classical solo artists to accompanying choirs (both classical and gospel), small ensembles, and congregational singing.

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#### **MUSI 410 Elementary Music Methods**

*3 hours. Offered 2003-2004.* Students will be introduced to the foundations of elementary music education including the National Standards and current teaching methodologies. Student observation and participation will provide the basis of an understanding of teaching music at the elementary level. *Prerequisite: MUSI 121, 122 Theory I.* 

# MUSI 411 Middle Level and High School Music Methods

*3 hours. Offered 2003-2004.* Students will investigate the many special teaching demands of music education at the secondary level. Vocal and instrumental music ensembles will be studied to determine the special requirements of these performance groups. Music courses at the secondary level will be examined to determine their individual teaching methodologies. *Prerequisite: MUSI 121, 122 Theory I.* 

#### **MUSI 425 Composition**

Individual lessons in composition. Continuing work in composition including (but not limited to) composition in larger forms, digital media, multimovement forms, exploration of style resources. *Prerequisite: MUSI 225 Composition and admission to upper-division study, or instructor's permission.* 

#### **MUSI 430 Instrumentation and Orchestration**

2 hours. Offered 2003-04. A study of the instruments of the orchestra and band, including their ranges, characteristics, and capabilities. Practical application of the principles of arranging and scoring for orchestral/band instrumental combinations. *Prerequisites: MUSI 221, 222 Theory II.* 

#### **MUSI 460 Advanced Conducting**

2 hours. Offered 2003-04. A course designed to acquaint the student with advanced choral and instrumental literature. Basic conducting patterns are reviewed and adapted to all aspects of conducting: syncopation, cuing, and expressive gestures. *Prerequisite: MUSI 200 Basic Conducting.* 

#### **MUSI 475 Field Experience**

1–5 hours. Supervised experience in music apprenticeship as conductor, performer, or composer. *Prerequisite: permission of music faculty.* 

#### MUSI 492 Senior Recital/Project

1 hour each semester. Students prepare a project in cooperation with a faculty advisor. The project is presented before an audience and filed permanently in the music department.

### **MUSI 495 Special Study**

1–3 hours. Individual research under the guidance of the faculty. *Prerequisite: permission of music faculty.* 

# **PHIL 210 Introduction to Philosophy**

*3 hours.* This introduction to philosophical issues encompasses study of the human quest to understand the meaning of knowledge, art, nature, God, values, and other vital interests. Lectures and reading will introduce the student to the major systems of philosophy developed by thoughtful people over the centuries.

#### PHIL 230 Ethics

*3 hours.* Ethics consists of an analysis of the ethical theories and systems by which persons make judgments and choices, with special attention to contemporary moral issues and the modern revival of virtue theory.

#### **PHIL 260 Sociological Theory**

*3 hours.* A critical study of some major social philosophers from Comte to the present. (Identical to SOCI 260.) *Prerequisites: SOCI 150 Principles of Sociology, and PHIL 210 Introduction to Philosophy, or instructor's permission.* 

#### PHIL 270 Philosophy of Art

*3 hours. Offered 2003-04.* An introduction to philosophical issues in the arts, such as art and morality, the nature of creativity, aesthetics, and the relation of art to worldviews.

#### **PHIL 280 Introduction to Political Philosophy**

*3 hours.* A study of great political thinkers and issues from Socrates to the present. Students are encouraged to understand and evaluate these thinkers in their historical contexts, and to consider them as philosophers whose insights are relevant for contemporary debates. (Identical to HIST 280 and PSCI 280.)

#### **PHIL 300 American Political Theory**

*3 hours.* A survey of the major developments in U.S. political theory from the Puritans to the present. The relationship between Christianity and American political theory is given special attention. (Identical to HIST 300 and PSCI 300.)

#### PHIL 330 Philosophy of Religion

*3 hours.* Examines classic topics in the field, including theistic arguments, the problem of evil, miracles, religious language, and divine attributes.

#### PHIL 340 Logic

*3 hours.* Logic involves a study of Aristotelian forms of deductive reasoning, including the syllogism, inductive reasoning, fallacies, and some aspect of symbolic logic, including Venn diagrams, and truth tables. Its goal is to facilitate sound thinking that is both creative and critical.

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## **PSYC 361 Learning Lab**

1 hour. Offered 2003-04. Students will replicate classic experiments that highlight the difference between Operant and Classical conditioning, and explore shaping, blocking, higher-order conditioning, and transfer of learning. Must be taken concurrently with PSYC 360 Learning. Prerequisites: PSYC 340 Statistical Procedures, PSYC 390 Research Methods.

# **PSYC 370 Cognition**

*3 hours. Offered 2002-03.* Traditional areas of study in cognitive psychology will be discussed. These areas include perception, attention, memory, reasoning, problem solving, and language. Traditional views as well as current trends will be discussed. *Prerequisite: PSYC 150 General Psychology.* 

### **PSYC 371 Cognition Lab**

*1 hour. Offered 2002-03.* Students will explore the experimental methods used in each of the major areas of cognition by replicating significant studies in those areas. Understanding how these research findings build theories in cognition will also be emphasized. *Must be taken concurrently with PSYC 370 CognitionA]TJ T\* [(curr)17.7(ent tr)17.7(ends will b30e).eas.* 

### **RELI 380 Christian Beliefs**

*3 hours.* As an introduction to Christian theology, this course considers the basic doctrines of the Christian faith and their application to contemporary living.

### **RELI 385 Quaker Seminar**

*1 hour.* Designed to address topics of interest to Friends and matters of Quaker faith and practice. Topics will vary from semester to semester, and include sacramentality, worship and ministry, peace and social work, evangelism, leadership, decision making, and Christian testimonies.

### **RELI 401 Christianity in History**

*3 hours. Offered 2003-04.* The development of Christianity from its appearance within the Greco-Roman world through the medieval period, and its influence as a base for culture in the West. (Identical to HIST 401.)

### **RELI 402** Christianity in History

*3 hours. Offered 2003-04.* Christianity's development from the dawn of the Protestant Reformation through its global spread during the modern era, observing its historical context and relationships to the surrounding cultures. (Identical to HIST 402.)

### **RELI 440 World Religions**

*3 hours.* A comparative study between Christianity and other prominent religions of the world, such as Buddhism, Islam, Hinduism, and contemporary kinds of alternative religion. (Identical to INTL 440.)

### **RELI 460 Issues in Contemporary Missions**

*3 hours. Offered 2003-04.* Selected movements, trends, and leaders of contemporary Christian missions are studied. Lectures, readings, and learning activities are chosen to provide tools and methods for continuing education in missiology.

### **RELI 470 Christian Classics**

2 hours. Certain Christian writings have endured the test of time and have been found to be a rich source of spiritual nourishment. A representative sampling of these significant works representing the life and thought of Christians from the second to the mid-20th century will be considered. As this is a senior capstone course, students must be juniors or seniors.

### **RELI 480 Spiritual Formation**

*2 hours.* An exploration of how people grow and change spiritually. The study integrates biblical insights, classic Christian spirituality, developmental theory, and contemporary individual and corporate practice in spiritual formation. It will critically explore how spirituality

relates to vocation, relationships, and the demands of daily living. As this is a senior capstone course, students must be juniors or seniors.

#### **RELI 490 Contemporary Religious Life**

2 hours. The movements, trends, and leaders of contemporary Christianity are studied in their social setting. Lectures and readings are chosen to provide tools and methods for thoughtful and continuing interpretation of religious life. As this is a senior capstone course, students must be juniors or seniors.

### **RELI 495 Special Study**

1–3 hours. Individual research. Open to qualified students upon application.

SOCI 150\* [(ied.eo.33e1 f 9s/i. bTh0 jr)10CIOCI 19.0203lg(t w)17

### SOCI 275 Exploratory Agency Experience

*3 hours.* An opportunity to participate in a variety of activities within a social service agency for the purpose of testing interests and talents. *By permission.* 

### SOCI 280 Marriage and the Family

*3 hours.* A study of marriage and the family from a sociological perspective, including historical, cross-cultural, and economic backgrounds. A Christian faith perspective will emphasize the worth of people, the importance of the family as a place of nurture, and the gift of marriage. (Identical to FCSC 280 and HLTH 280.)

### **SOCI 285 Selected Topics**

1–3 hours. A seminar dealing with topics of special interest to students and current faculty.

### **SOCI 300 Group Dynamics**

*3 hours.* A study and application of principles and techniques involved in interaction of individuals within various groups. (Identical to PSYC 300.) *Prerequisite: SOCI 150 Principles of Sociology.* 

### **SOCI 310 Cultural Anthropology**

*3 hours.* A comparative study of world societies and their ways of life. (Identical to INTL 310.)

### SOCI 320 Men and Women in Society

*3 hours. Offered 2002-03.* A study of how societies construct gender similarities and differences. The impact of gender upon individuals and social institutions, and the implications of a sociological understanding of gender for the Christian faith will be explored.

### **SOCI 340 Statistical Procedures**

*3 hours.* Applied statistics for the social and behavioral sciences. Emphasis is placed on statistical logic and decision making. (Identical to PSYC 340 and MATH 240.) *Recommended for the sophomore or junior year. Required for sociology and social work majors. Prerequisites: SOCI 150 Principles of Sociology, high school algebra.* 

### SOCI 350 Social Psychology

*3 hours. Offered 2002-03.* A study of the theories and methods of social interactions in the development of personal and group behavior. The major aim is to encourage an appreciation of the relationship between personal and situational determinants of social behavior. Prerequisite: SOCI 150 Principles of Sociology, or instructor's permission.

### **SOCI 360 Crime and Deviance**

*3 hours. Offered 2002-03.* An introduction to the study of deviance and criminology, including theoretical and paradigms and research.

### SOCI 380 Race, Ethnicity, and Class I

*3 hours. Offered 2002-03.* An interdisciplinary study of the history, problems, and present status, social attitudes, and generalist practice issues involved in working with people of differing racial, ethnic, and class backgrounds in the United States. *Prerequisites: SOCI 150 Principles of Sociology, or instructor's permission.* 

### **SOCI 390 Research Seminar**

*3 hours.* An overview of quantitative and qualitative research methods in the social sciences. Students will design a research project. *Required for sociology and social work majors. Prerequisites: SOCI 150 Principles of Sociology, SOCI 260 Social Theory, SOCI 340 Statistical Procedures.* 

### **SOCI 410 Juvenile Delinquency**

*3 hours. Offered 2002-03.* A study of the causes and nature of juvenile delinquency, the development of the juvenile court, probation, and other rehabilitative programs. *Prerequisite: SOCI 150 Principles of Sociology, or instructor's permission.* 

### **SOCI 450 Aging in Society**

*3 hours. Offered 2003-04.* A study of the adult aging process in its diverse social dimensions. An exploration of the aging network and its various services and programs will be a secondary focus of study. (Identical to SWRK 450.) *Prerequisite: SOCI 150 Principles of Sociology or instructor's permission.* 

### **SOCI 475 Field Experience**

6–12 hours. Supervised experiences in private and public social agencies. For upper-division majors only. A minimum of six semester hours of SOCI 275/475 Field Experience is required of majors. By permission.

### **SOCI 485 Selected Topics**

1–3 hours. A special-interest course that addresses current topics in the field of sociology. Course offerings depend on current faculty competencies and student interest. Previous offerings have included a Christian response to the contemporary family, criminal justice, cross-cultural education, death, and dying, Native American cultures, sociology of religion, sociology of adolescence, and sociology of literature. *Limited to upper-division majors. Prerequisite: SOCI 150 Principles of Sociology.* 

### **SOCI 495 Special Study**

*1–3 hours.* Independent study of subjects outside regular offerings. Guiding bibliographies are provided, and regular reading reports and conferences are scheduled. *For upper-division majors only, with permission.* 

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*Note:* Placement testing is generally required of all students prior to registration for their first Spanish course at GFU. Placement tests are typically administered during orientation.

### SPAN 101, 102 Elementary Spanish

*3 hours each semester.* An integrated introductory study of Spanish. Listening, speaking, reading, and writing are all integral to learning the language. Cultural aspects of Spain and Latin America are also presented as essential components. Language lab is required. At the end of SPAN 102, students should have novice high proficiency as defined by the American Council of the Teaching of Foreign Languages (ACTFL). *Placement test required.* 

### SPAN 201, 202 Intermediate Spanish

3 hours each semester. A proficiency-centered approach to the study of Spanish, with extensive practice in listening, speaking, reading, and writing. At the end of SPAN 202, students should have intermediate mid proficiency as defined by ACTFL. *Prerequisite: Placement test or SPAN* 102 Elementary Spanish.

### SPAN 275/475 Field Experience

fare and supportive services. *Prerequisites: SOCI 200 Social Issues, SWRK 180 Introduction to Social Welfare, or instructor's permission.* 

### SWRK 450 Aging in Society

*3 hours. Offered 2002-03.* A study of the adult aging process in its diverse social dimensions. An exploration of the aging network and its various services and programs will be a secondary focus of study. (Identical to SOCI 450.) *Prerequisite: SOCI 150 Principles of Sociology or instructor's permission.* 

### SWRK 461 Social Policy I

3 hours. The policies of contemporary social programs are considered from a national, state, and local perspective. Policy development and analysis are emphasized. Required for majors. Prerequisites: SWRK 180 Introduction to Social Welfare, SOCI 200 Social Issues, PSCI 150 Introduction to Political Science, PSCI 190 American Government or PSCI 240 State and Local Government,

### SWRK 490 Senior Seminar

*3 hours.* A required course for majors to be taken during the spring semester of the senior year. The course will focus on consolidating substantive knowledge regarding 1) social welfare policies and services, 2) human behavior in the social environment, 3) the structure and function of communities and human service organizations, 4) methods of inducing change across the micro-, mezzo-, and macrolevels, and 5) methods of scientific inquiry necessary to assess human problems and the effectiveness of professional interventions. Focus also will be upon the integration of social theories with faith and learning. *Required for majors. Prerequisite: SWRK 392 Social Work Practice II.* 

### SWRK 495 Special Study

1–3 hours. Independent study of subjects outside regular offerings. Guiding bibliographies are provided, and regular reading reports and conferences are scheduled. For upper-division majors only, by permission. skills through structured and directed psychological, physical, and social exercises. May be repeated once for credit.

### THEA 165/365 George Fox University Players: Drama Touring Troupe

1 hour each semester. Participation in theatre's traveling ensemble. Students must remain with the troupe the entire year. May be repeated to a maximum of four hours credit. *Entrance to the course by audition and invitation.* 

### **THEA 220 Oral Interpretation of Literature**

*3 hours.* Introduction to the aesthetic bases of speech communication through the analysis and performance of various genres of literature. Attention given to performance of biblical literature, literature of diverse cultures, and the art of storytelling.

### **THEA 240 Understanding Drama**

*3 hours.* A study of significant plays from the classical

period to the present, both as literary works and staged productions, the goal being a deeper understanding and appreciation of drama as a sym .o 22 17.7(aryTe0jua)10,m ectin( of t pla)17.7(y730.1.,)0((Iudenlical toLITRy)]TJ T\* -0.00

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### **THEA 120 Introduction to Acting**

*3 hours.* Study of basic principles of acting, including survey of acting theories, performance of scenes, and critical observation and analysis of productions.

### THEA 125/325 A, B, C Theatre Laboratory

1-2 hours. The practical application of theatre techniques in connection with dramatic productions. Open to any student taking part in a production. A denotes acting, B directing, and C technical options. May be repeated for a maximum of 8 hours total.

### **THEA 160/360 Improvisational Theatre Workshop**

2 hours. Focus on development of improvisational

### **THEA 320 Advanced Approaches to Acting**

*3 hours. Offered 2002-03.* Problems of characterization, styles, and characteristics of acting in various dramatic media; emphasis on improvisations, instruction in movement and timing, and presentation of scenes of various types. The course requires additional outside-of-class time for rehearsal and performance of selected plays. Prerequisite: Instructor's permission.

### **THEA 340 Theatre as Ministry**

*3 hours. Offered 2002-03.* A consideration of theatre skills as tools for meeting human needs in essentially nontheatrical environments. Focus on drama as a service medium rather than as strictly an entertainment vehicle.

### THEA 495 Individual Research in the Theatre

1–3 hours. Open to exceptional students who want to explore a specific area in greater depth. *Entrance at the discretion of a faculty member.* 

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### WRIT 095 English Skills

1–3 hours. Offered fall semester as a regular class and other times as individualized study. Focuses on spelling, reading, composition, and research skills necessary for effective college learning.

### WRIT 110 Freshman Composition

*3 hours.* A course concentrating on expository writing, with an introduction to basic research methods. Argumentative writing is also introduced.

### WRIT 200 Understanding Literature

*3 hours.* An approach to research and writing as a tool for understanding literary texts. Emphasis is placed on providing the knowledge and practice needed to produce original literary scholarship. *Prerequisite: WRIT 110 Freshman Composition, or equivalent, or SAT score* of 670.

### WRIT 210 Practical Grammar and Editing

*3 hours.* This course will help those who want to understand and to be able to explain to others what can be done to make writing correct, clear, and precise. Focuses on constructing, editing, and correcting sentences and paragraphs. *This is not a remedial course. Students may need WRIT 095 English Skills as a prerequisite.* 

### **WRIT 230 Introduction to Journalism**

*3 hours.* A course designed to give fundamental knowledge and experience in reporting, writing, and editing news for the print media. *Prerequisite: WRIT 110 Freshman Composition, or equivalent, or SAT score of 670.* 

### WRIT 250 Biography and Autobiography

*3 hours.* An approach to writing and literature using personal experience to explore events, places, and people through recollections, interviews, diaries, journals, and the personal essay. Selected writers, ancient to contemporary, will be studied as representative models of the form within the genre. *Prerequisite: WRIT 110 Freshman* '...7(< ctions)17.7(,apo8s)485 Sp ca13:fpics Tf 27.7 62.7422 TD -0.00

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## Murdock Learning Resource Center (Newberg) and Portland Center Library (Tigard)

George Fox University maintains libraries at both the Newberg and Portland Center campuses. The Murdock Learning Resource Center (MLRC) is a three-story, 35,000-square-foot building serving the Newberg campus from a central location. The MLRC houses 124,000 volumes and receives nearly 900 periodical titles. Several thousand full-text periodicals are also available online from both the Newberg campus and the Portland Center. The MLRC has several special collections, including the Quaker Collection of basic Quaker books, pamphlets, and periodicals. The archives of Northwest Yearly Meeting of Friends Church and of George Fox

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have an active learning program dealing with peacemaking and conflict resolution. Planning for the center was the specific result of searching questions about the University's contribution to peacemaking made by Senator Mark Hatfield in his address at the 1984 inauguration of President Edward Stevens. Hatfield now teaches at George Fox, including peace studies.

The center coordinates a number of courses, taught by faculty in various departments, which can be combined in a minor or used to enrich preparation for service in such careers as social work, pastoral ministry, peace education, teaching in public or private schools, Intensified Studies Program are recorded as honors projects and shelved in the University library; others receive regular college credit as independent research.

## May Term

This two-, three-, or four-week academic session is used for a variety of domestic and international study tours, regular courses, experimental and enrichment courses, and seminars covering topics of current interest. Juniors Abroad study tours normally occur during this time. May Term offerings are detailed on the class schedule and on supplemental bulletins.

## Summer School

In recent years, George Fox University has not sponsored regular undergraduate classes in a summer school. Students have been encouraged to use the summer for work, travel, and cocurricular activities that add to life's dimensions in learning and living.

Independent study and research are available for the summer under curriculum numbers 295 and 495.

Applied learning experiences in practical situations under

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involved in the American Studies Program for periods of three or four months. The internship/seminar opportunity is available starting in September and in January.

The American Studies Program was created to provide field experience and study opportunities in Washington, D.C., for diverse majors and personal interests. The program is based on the principle of integrating faith, learning, and living through both a real-life work experience and a study program. Students spend their time in Washington serving as interns, participating in a contemporary, issues-oriented seminar program, and living in a



small Christian community. Internships are available in congressional offices, social service agencies, think tanks, cultural institutions, and many other organizations. Further information and application forms are available from the registrar.

### **Consortium Visitor Program**

The Christian College Consortium Exchange, described on page 122, sponsors a student visitors program intended as an enrichment to those disciplines where personnel and courses may be somewhat limited. Normally this onesemester experience should be part of the junior year or the first semester of the senior year. Application forms and a descriptive brochure are available from the registrar.

The program permits a student in good standing to enroll for one semester at one of the other consortium colleges. Qualifying students must have at least a 3.0 grade point average, have completed prior to application one or more semesters free of academic or citizenship probation, and been approved by the selection committee.

Selection to the above programs will be based on the academic purposes involved, grade point average, citizenship, classification, and the extent to which the student has or has not had diverse educational experiences.

## **Field Education**

This program, commonly referred to as "field experience," "internship," or "cultural experience," usually takes place off campus, yet is an integral part of the student's academic experience. Its purpose is to promote personal and career development by integrating classroom study with planned and supervised practical experience in vocational, educational, or cultural activities outside the classroom.

Enrollment in field education is an elective option in certain majors and a requirement in others. Refer to each

program to determine how it applies. The program is open to George Fox University students only. Α

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Two main types of off-campus experience are available: career and cultural. The career-oriented field experience focuses on two levels, which are "exploratory" (275) and "preparatory" (475). These two levels provide opportunity for initial exposure to a career-interest area and for realistic preparation toward a chosen field. The culture-oriented field experience (GEED 375) is designed to encourage a short-term residence in a different cultural setting, e.g., foreign country, inner city, rural community. Academic credit may be earned

Academic credit may be earned through participation in an approved

field education program. A full-time student may generate up to 12 credit hours during one semester. Part-time involvement can generate credit at the same rate as other methods of learning. Thirty to 45 clock hours per semester are required for one hour of credit. A maximum of 20 hours may be accumulated in field education between numbers 275, 375, and 475. Twelve hours are allowed between the career-oriented options, 275 and 475. Normally, the three alternatives are broken down as follows:

275	1 to 3 credit hours
<b>GEED 375</b>	2 to 12 credit hours
475	2 to 12 credit hours
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Applications for field experience should be requested through the registrar. Request forms must be completed, approved by the department chairperson, and submitted to the registrar for enrollment. The vital link to a successful field experience is the faculty sponsor (supervisor) with whom the learning plan is developed and carried out. The program also necessitates a field supervisor at the location of service or employment with whom the



## **Juniors** Abroad

In order to enrich the intercultural and international awareness of our campus community, George Fox University offers a transportation-subsidized overseas course of approximately three weeks to any junior student who has fulfilled the following requirements. These tours occur during the annual May Term. Detailed information about eligibility and specific study tours is available from the director of overseas study. The program's general policies are as follows:

- 1. Students must have maintained three consecutive years of full-time enrollment. Transfer students may receive partial support for transportation expenses; requests for such support should be made to the director of overseas study.
- 2. Students will include tuition costs of this course as part of their block tuition for the spring semester preceding the May tour, and will be billed for whatever credits exceed the 18-hour limit.
- 3. Students will pay room and board in advance for each tour, to be economically arranged by the University. For the typical Juniors Abroad study tour, the University will pay the full transportation cost for eligible students. On occasion, a tour with unusually high costs may involve a transportation surcharge.
- 4. Students must have a minimum cumulative grade point average of 2.0 at the end of the fall semester preceding the May tour.
- 5. Students must be in good standing with the Office of Student Life in the fall and spring semesters preceding the May tour (see page 18).
- 6. Students must intend to return and graduate from George Fox University.
- 7. Student accounts must be current as of February 15 the year of the tour.
- 8. The University reserves the right to withdraw from this program and commitment prior to fall registration in any year. Students already registered under the program are guaranteed the tour.
- 9. The University reserves the right in the event of an international monetary, military, or other crisis to cancel or postpone a tour or to make substitute arrangements.
- 10. The University does not obligate itself to alternative remuneration to students who cannot go, who decide not to go, or who are ineligible to go on a Juniors Abroad study tour.
- 11. Students (or alumni or friends of the University) who are ineligible for free transportation may apply to join a study tour and pay their own transportation and tuition.

## China Studies Program

Students interested in China will have the opportunity to engage this intriguing country from the inside. The semester will include study of standard Chinese language, geography, and history; religion and culture; and China's modern development. Participants will travel throughout China to such places as Beijing, Shanghai, Xi'an, and the Guangzhou/Hong Kong region. They will have ample opportunity to interact with Chinese faculty and students on the campus of the host university and with students of English whom they will assist as conversation partners. The China Studies Program is offered through the Council for Christian Colleges and Universities.

## Latin American Studies Program

Based in San Jose, Costa Rica, the Latin American Studies Program, under the direction of the Council for Christian Colleges and Universities, offers a semester of study and travel in Central America. Students live with Costa Rican families, participate in a service opportunity or internship, travel to other Latin American countries, and engage in both a language and a seminar program. Seminars deal in depth with Latin American culture, history, politics, economics, and religious life. Three specialized academic tracks — advanced language and literature studies, international business and management, and tropical sciences — are available to qualified students.

## Middle East Studies Program

The Middle East Studies Program in Cairo, Egypt, offered through the Council for Christian Colleges and Universities, provides students with opportunity to study Middle Eastern cultures, religions, and conflicts from within this diverse and strategic region. Juniors and seniors from Christian colleges participate in interdisciplinary seminar classes, receive Arabic language instruction, and serve as interns with various organizations in Cairo. The MESP encourages and equips students to relate to the Muslim world in an informed and constructive manner.

## **Oxford Honors Program**

Junior and senior honors students will have the opportunity to study in England by participating in an interdisciplinary semester in Oxford through a partnership program with the Centre for Medieval and Renaissance Studies, affiliated with Keble College of the University of Oxford. Under the guidance of the Council for Christian Colleges and Universities, students will take part in two self-designed tutorials, a small-group seminar, and an integrative survey course. The semester will also include travel to significant historical and cultural sites in England. Α

### **Russian Studies Program**

Based in Moscow, St. Petersburg, and Nizhni Novgorod (formerly Gorky), the Russian Studies Program, under the direction of the Council for Christian Α Colleges and Universities, includes Russian language С training and seminars on Russian history and culture. Α Students also participate in a service project as they D explore the challenges facing Russians today in the light F of biblical truth. Students reside in university accommodations in Nizhni Novgorod and spend the final three M weeks with Russian families.

### Study in Africa Program

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Students may apply to spend an exchange semester or year at Daystar University College in Nairobi, Kenya, in the Study in Africa Program operated through the Christian College Consortium Exchange. Programs of study include communications, business, education, community development, and Bible and Christian ministries, as well as courses in the history, culture, literature, politics, art, music, and religions of Africa. All instruction is in the English language, offered by a faculty composed primarily of African nationals. The application deadline is January 15 for the following academic year. Contact the Office of the Registrar for application information.

All course work from Daystar will be transferred in as a pass/no pass, with a grade of D considered a passing grade.

## Study in France Program

Students may apply to study in France for one semester through a program offered by Grace College of Winona Lake, Indiana. This program is designed for students minoring in French. Students live abroad and take university courses at the Centre d'études francaises de l'Université de Bourgogne in Dijon, France, in the spring or at the Centre d'études de La Sorbonne in Paris, France, in the fall. Course work is determined by placement exam and is dependent on proficiency level. Course work includes language development classes, French civilization studies, and the history of art. Application, completion of FREN 302, and junior standing or above are required. All programs of study are subject to the approval of the French faculty and the director of overseas study.

## Study in Spain Program

Students may apply to study in Spain for one semester through a cooperative agreement with Trinity Christian College of Palos Heights, Ill. The Study in Spain Program is designed primarily for students majoring or minoring in Spanish. Students study in Seville, Spain, and live in local homes while attending classes with students from Trinity and other colleges. Application to the program must be coordinated with foreign language faculty. Students must complete forms related to off-campus study available in the registrar's office.

## Study in Xalapa (Mexico) Program

Students may apply to study in Xalapa, Mexico, for one semester through a cooperative agreement with Brethren Colleges Abroad. The study program in Xalapa is designed primarily for students minoring or majoring in Spanish. The program begins with three weeks of intensive language study and homestay in Cuernavaca. The students then move on to Xalapa where they live with a local family and attend classes at the Language Institute at the Universidad de Mexico. They may also elect to take regular college courses at the university. There is an additional fee for this program. Application to the program must be coordinated with foreign language faculty. Students must complete forms related to off-campus study available in the registrar's office.

### **Further Information**

For further information and application materials for the above programs and other overseas opportunities, contact the director of overseas study or the Office of the Registrar.

Students must submit both the specific program application and the George Fox application for participation.





"An education isn't how much you've committed to memory, or even how much you know. It's being able to differentiate between what you know and what you don't."

— Anatole France

probation student. A student placed on probation status may continue to receive financial aid. An applicant who does not meet expectations for admission may be admitted as a provisional student. Provisional undergraduate students are generally required to participate in the George Fox University Academic Success Program (see page 120).

Undergraduate students admitted provisionally may not enroll for more than 14 or 15 hours in the first semester and must include at least one semester of WRIT 095 English Skills. At the completion of a term, the Academic Standing Review Committee considers each provisional student's achievement to determine that sufficient progress has been made for continuance.



• Instructional assistance for disabled students is available through the learning laboratory. Where necessary, course requirements are reasonably adjusted based on students' requests and appropriate documentation.

Disabled students needing accommodations in their program or living situation should contact Enrollment Services well in advance of attendance, so that specific attention can be made to assist in providing living arrangements and learning accommodations.

**The Office of the BegistFar** registers students for classes, provides degree audit information, and records grades. Students change their academic majors and advisors and order transcripts through this office.

All students are expected to register on the days designated on the University calendar and to begin classes on the first day. The registrar annually publishes a class schedule booklet with specifics for registration. In addition, each student should be aware of the regulations that appear under Course Numbering System on page 30.

New fishing may have received initial academic advisement by an admission counselor. However, all new freshmen are assigned a freshman advisor as part of the Freshman Seminar. This advisor will serve as the academic advisor for the freshman year and will also teach a section of the Freshman Seminar. Freshmen will select a faculty advisor in their area of interest prior to their sophomore year.

Each returning, transfer, and readmit full-time student is assigned a faculty advisor to provide guidance in planning an academic program. This advisor may be changed by request as a student develops an interest area and forms natural lines of helpfulness and acquaintance. Other teachers and administrators may serve as resource persons in guidance and counseling.

It is the responsibility of the student to become familiar with policies and procedures outlined in the catalog. For example, many upper-level courses are offered in alternate years, but this should be no problem if there is advance planning and if courses are taken in the proper sequences. Advisors will aid as requested, but students must be responsible for their own programs.

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**The sudent's load** will be determined in conference with the student's advisor. Sixteen hours per semester is a normal University load. Students who carry fewer hours are adding considerably to the cost of education by extending the time involved to earn their degree. Ordinarily, the first-semester freshman will register for no more than 16 hours. Provisional students will be limited to 14 or 15 hours. No student may enroll for more than 20 hours, except by special permission of the faculty advisor and the registrar.

The following is suggested as a satisfactory relationship between the student's academic load and his or her on- or off-campus work:

Academic Load	Work
15-17 semester hours	
12-14 semester hours	
10-12 semester hours	

A common rule of thumb is to anticipate three hours of study for each hour of class. Classes that meet more frequently per week than the credit given will demand less outside study. After classes bigin a date admission to class must have the approval of the registrar and consent of the instructor involved on a form available in the registrar's office.

The last day to add courses or to exercise a pass/no pass option is established in the calendar in this catalog. See inside back cover.

A student wanting to Hrop **F**r withdraw from a class or from the University must secure the proper form from the registrar's office. Without the form, an F is recorded for all courses involved. There is a fee of \$10 for a course withdrawal.

Withdrawal from a course (with a W) must be completed within the first nine weeks of the semester. Beyond this date, a petition to the vice president for academic affairs is required, and cause (emergency conditions) must be established. See academic calendar on page 178.



**If a student wishes** to officially withdraw from all course work at George Fox University either during or at the end of a semester/enrollment period, the student must notify the registrar's office directly (verbally or in writing). The student may contact the Office of the Registrar in person, by fax, by phone, or on the Internet. An official withdraw begins when a student submits a completed withdraw form to the registrar's office. Additional information is available on page 162 in the Compliance with Federal Laws and Regulations portion of the catalog.



evaluation of the student's daily participation in class, performance on periodic tests, work on research papers and class projects, and achievement on final examinations. Grade points are assigned for each hour of credit earned according to the following system:

Letter Crode	Mooning	Points per
Grade	Meaning	Semester Hour
A	Superior	4
A-		3.7
B+		3.3
В	Good	3
B-		2.7
C+		2.3
С	Average	2
C-		1.7
D+		1.3
D	Passing but inferior	1
F	Failing	0
Ι	Incomplete	0
W	Official withdrawal	0
Х	No grade reported	0
	by instructor	
Р	Pass (average or above)	) 0
NP	Not passing	0
L	Long-term	0

Plus (+) and minus (-) grades may be designated by a professor and will be entered on the transcript. Points will be calculated for the student's GPA accordingly.

The grade I is allowed if a student incurs illness or unpreventable and unforeseeable circumstances that make it impossible to meet course requirements on time. Request for an I grade is initiated with — and approved by — the registrar. A contract showing the work to be completed and the completion date is prepared in consultation with the instructor and filed with the registrar. An I not completed by the date indicated or within one semester will be changed to the grade assigned on the incomplete form.

An L grade designates satisfactory progress in a course whose objectives continue for more than one semester. The L will be replaced by either a P grade or a point-receiving grade. This is not an incomplete or I grade.

Academic Standing Review Committee also may recommend academic dismissal. Students who are dismissed may not apply for readmission to George Fox University.

The University may suspend or dismiss any student who fails to earn a GPA of at least 1.0 during a semester, regardless of classification or number of hours completed, or any students who become so indifferent that they no longer benefit themselves or the University community.

## Academic Good Standing

To remain in good academic standing, a student must not be on academic probation and must have successfully completed at least 24 semester credits during the two most recent semesters. Students must be in good standing to be eligible to participate in intercollegiate athletics sponsored by the University. See Academic Progress and Eligibility section for warning, suspension, and probation policies.

## Satisfactory Academic Progress

Satisfactory academic progress toward a degree as a full-time student is defined as completion at a rate not to exceed 150 percent of the published length of the program while maintaining a cumulative GPA of 1.7 (1–15 hours), 1.8 (16–31 hours), 1.9 (32–47 hours), and 2.0 thereafter.

## **Academic Appeals**

Academic actions can be appealed to appropriate University authorities and an Academic Appeals Board. Appeals are taken to be good faith actions that request reexamination of academic decisions. All appeals must be made within limited time frames depending upon the action being appealed. Additional information is available in the Office of Academic Affairs.



A student wishing to receive a bachelor of arts or a bachelor of science degree must meet the following requirements:

- 1. Accumulate at least 126 semester hours with a minimum cumulative and major GPA of 2.0. The GPA is computed on work taken at George Fox University only;
- Accumulate at least 42 upper-division semester hours (courses numbered 300 or above);
- 3. Complete the general education requirements;
- 4. Complete a major in a chosen area with no grade below a C- in upper-division courses;
- Complete at least 30 semester hours in residency (20 hours must be in senior year; 20 of the last 30 hours must be completed at George Fox University);
- 6. Complete at least 10 hours of one's major in residency;
- File an Application for Degree form not later than completion of 93 semester hours toward graduation (normally two semesters before expected graduation);

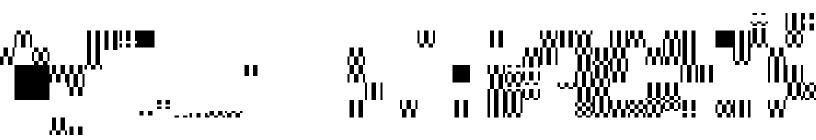
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## **Graduation Honors**

Summa cum laude is awarded to students with a cumulative GPA of 3.9-4.0, magna cum laude to those with a 3.7-3.89 GPA, and cum laude to those with a 3.5-3.69 GPA. Transfer students must have completed at least 60 hours at George Fox University to be eligible for honors at graduation.

Honors in the commencement program are computed on grades through the fall semester for spring gradua-







"It is the mark of an educated mind to be able to entertain a thought without accepting it."

— Aristotle



**The University admits applicants** who evidence academic interests and ability, moral character, social concern, and who would most likely profit from the curriculum and Christian philosophy of George Fox University. These qualities are evaluated by consideration of each applicant's academic record, test scores, recommendations, writing sample, and participation in extracurricular activities. Admission is possible for fall or spring semester.

George Fox University reserves the right of admission or readmission of any student at its discretion. The University does not discriminate on the basis of age, sex, race, color, national origin, or handicap in its educational programs or activities.

## **The Stevens Center** on the Newberg campus is a onestop service center for undergraduate enrollment services. There you will find the offices of admission, student

financial services, orientation, Freshman Seminar, retention, disability services, Professional Studies academic advisement, and the registrar. These services are coordinated by the vice president of enrollment services.

**The Office of Undergraduate Admission**, located on the second floor of the Stevens Center, serves students planning to enroll in traditional undergraduate programs on the Newberg campus. Professional Studies admission, located in the Portland Center, assists students seeking enrollment in the adult undergraduate degree-completion programs. Admission counselors are available on both the Portland Center and Newberg campus to assist students.

# Students interested in enrolling at George Fox

University are encouraged to visit the campus, preferably when classes are in session. A visit provides an opportunity to observe classes, see the campus facilities, and talk with students and professors. It also will give University personnel an opportunity to get to know the student better. When possible, visits should be arranged five days in advance through the undergraduate admission office, which is open weekdays, 8 a.m. to 5 p.m., and on Saturdays, 10 a.m. to 1 p.m.



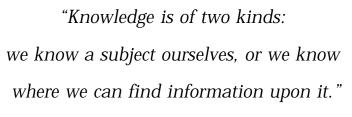
**In order to provide a solid roundation** for college-level work, it is recommended that the applicant present the equivalent of 16 academic units from an approved high school. The following units are suggested: English, 4; social studies, 2; science, 2; mathematics, 2; foreign language, 2; and health and physical education, 1.

Approximately 90 percent of the freshman class come with an A or B high-school grade average. The Admission Committee may offer provisional admission to students with low high school grades or low entrance examination scores.

## **Procedures**

- Write to the Office of Undergraduate Admission, George Fox University, 414 N. Meridian #6089, Newberg, OR 97132, for information and admission forms. Or visit our Web site at www.georgefox.edu.
- 2. Complete the Application for Admission and return it to the undergraduate admission office. Include a nonrefundable application fee of \$40. The priority application date is February 1 for fall semester and November 1 for spring semester.
- 3. Request an official transcript of academic credit from the secondary school last attended.
- 4. Have the two recommendation forms in the application packet completed and sent to the admission office.
- 5. Submit entrance examination scores. The Scholastic Aptitude Test (SAT) [GFU code is 4325] or American College Test (ACT) [GFU code is 3462] will be accepted. Tests should be taken in your junior year or early in your senior year. Contact your high school principal or counselor for information concerning these tests. Soon after the admission file is completed, the applicant is notified of the Admission Committee's decision.
- If applying for financial aid, a Free Application for Federal Student Aid (FAFSA) must be submitted to the appropriate financial aid service as soon after January 1 as possible. The GFU code for FAFSA is 003194. Forms may be obtained from high school counseling





- Samuel Johnson

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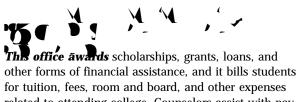
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**George Fox University** maintains high educational standards at the lowest possible cost. The individual student pays about 74 percent of the actual cost of education. The remainder of the cost is underwritten by gifts from alumni, friends, churches, businesses, and institutions. An extensive financial aid program assists students in meeting University costs.

The board of trustees reserves the right to adjust charges at any time, after giving due notice. No changes will be made during a semester, nor, unless special circumstances make such action necessary, will changes be made during a given academic year.

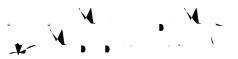


for tuition, fees, room and board, and other expenses related to attending college. Counselors assist with payment plan options and advise students regarding the various plans.

*Estimated cash outlay* for typical entering undergraduate student, 2002-03 (two semesters)

	Fall	Spring	Total
Tuition			
(12 to 18 hours)	\$9,287.50	\$9,287.50	\$18,575
Student Body Fee	100	100	200
Health Counseling Fee	50	50	100
Total tuition and fees	\$9,437.50	\$9,437.50	\$18,875
Room and Board			
(Complete food service			
and residence hall room,			
double occupancy)	\$2,972.50	\$2,972.50	\$5,945
Total, resident students	\$12,410	\$12,410	\$24,820

These costs do not include travel, books, and personal expenses, which will vary widely among students. Costs of books can be expected to average about \$200 to \$300 per semester, depending on courses taken.



12 to 18 credit hours, per semester		
More than 18 credit hours per		
semester, for each additional hour\$510		
May Term, per credit hour		
Early admission, per credit hour		
Older adults (62 and older),		
service fee per semester\$20		
ESL students (20-hour maximum),		
per semester		
Audit (per credit hour) \$287.50		

### Student Body Membership Fees

Students registered for 12 hours

or more per semester ......\$100 per semester Students registered for 5–11 hours

per semester ......\$50 per semester This fee covers the cost of student activities, class dues, social events, the Student Union Building, and subscriptions to Associated Student Community publications.

### Health and Counseling Services

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Placement File, per set\$7	1
Additional sets with same order\$3	3

### **Departmental Fees**

Chemistry/Biology Fees\$10–160
Communication/video production courses\$10–50
Off-campus physical education activity,
per semester*\$10–370
Private music lessons, per semester,
per credit hour
(includes one half-hour lesson per
week and use of practice room)

can be obtained from Enrollment Services or Health and Counseling Services.

The premium is subject to change each year by the underwriter, but is about \$1,000 for 12 months, payable on the first-semester billing. Coverage is available for students only and is not available for spouse or dependents. Students who need insurance beginning spring semester may enroll by notifying Health and Counseling Services during the fall semester.

### Parking Fees/Fines

Student vehicles must be registered with Security

Services, and a nonrefundable parking
fee must be paid.
Per semester\$30
Annual\$50
Parking violations (each) \$15–50

### **Room and Board**

Room and board are furnished to resident students as indicated in the following. Residence hall rooms are double occupancy; two-room suites are occupied by four students; houses and apartments (for upperclassmen) house from two to 12 persons. There are four single-occupancy residence hall rooms (two for men, two for women). An additional charge of \$200 per semester will be charged for those rooms.



*Other:* Several classes require an extra fee to cover special facilities, equipment, transportation, etc., ranging from \$10 to \$100 per class, although some specific courses may be higher. Class fees are printed in the course schedule book.

\*Students pay a fee of \$10–\$470 to cover costs of facilities, equipment, and transportation for any physical education course conducted off campus, such as swimming, bowling, golf, skiing, and canoeing. Personal rackets are required for tennis.

### Late Payment Fees

Balances not paid according to payment schedule are subject to a 1-percent-per-month service charge on the unpaid balance.

Returned check fee, per check	\$25
Billing service charge (for late payment of fines) .	\$5

### Major Medical Insurance

George Fox University requires full-time students to carry medical insurance and provide proof of coverage annually. Students who do not document coverage are generally required to enroll in the University's Student Major Medical Insurance Plan. Information on this plan All freshman and sophomore students must participate in the full continuous dining program. Juniors may choose between continuous dining or 14 meals per week. Seniors may choose between continuous dining, 14 meals per week, seven meals per week (plus \$175 flex spending per year), or full exemption.

	Semester	Year
Residence hall*	\$1,635	.\$3,270
Suites*	1,690	3,380
Apartments and houses		
with phone	\$1,635	\$3,270
without phone	1,610	3,220
Full Board	1,337.50	2,675
14 meals		2,390
7 meals		1,625

A limited amount of housing is available for married students. Information may be obtained from the Office of Student Life.

place prior to the last day to change registration, also known as the end of the add/drop period, which is published in the University's academic calendar and class schedule book.

Adjustments of room and board will generally be calculated as follows:

- Students withdrawing from housing during the first week in the enrollment period will receive a prorated adjustment. After the first week there is no adjustment.
- Students withdrawing from the meal plan during the first two weeks in the enrollment period will receive a prorated adjustment. After the second week there is no adjustment.

After the second week of the enrollment period, there is generally no adjustment of health insurance, student body fees, health counseling fees, activity fees, parking permit fees, and course fees. (Removal of course fees will be considered if the student submits faculty approval showing that the institution did not incur costs as a result of the student's anticipated participation in activities and/or that supplies were not issued.)

Generally, there is no adjustment of add/drop fees or interest.

When a student withdraws completely from the University refunds of tuition, excluding May Term, will generally be calculated as follows:

- A student whose withdraw date is day one of the enrollment period generally receives a 90 percent adjustment.
- A student whose withdraw date is after day one but within week one generally receives a 75 percent adjustment.
- A student whose withdraw date is within week two generally receives a 50 percent adjustment.
- A student whose withdraw date is within week three generally receives a 25 percent adjustment.
- A student whose withdraw date is within week four, or later, generally receives no adjustment. general of cou,:a is TD ()Tj 00 pers on day one gener

Adjustments of May Term tuition will be calculated as follows:

- A student who withdraws prior to day one of the enrollment period generally receives a full adjustment.
- A student who withdraws on day one generally (ally) FinTD i[(ndody fees). c 0 Tw (•A)Tj 2.0Servicl of cou)Tj 2.0F6 .7(fd148(s0 148289.3 550 receives a 50 perstudentjushmentledtapersionattagelly A

### GEORGE FOX UNIVERSITY · 2002-03 UNDERGRADUATE CATALOG 147

*The Ed and Linda Stevens Scholarship* is for incoming students who have a predicted GPA of 3.25 or above. This scholarship of up to \$5,000 becomes the Elizabeth Carey Minas Scholarship in the renewed years. Continuation requires a 3.2 GPA.

The Honors on Entrance Scholarship is awarded to incoming freshman students with a predicted GPA of at least a 3.0. The annual scholarship of up to \$2,500 requires a 3.0 cumulative GPA for renewal.

#### **Competitive Scholarships**

The Jim and Lila Miller Award is for students with a minimum GPA of 3.0 who have demonstrated exceptional characteristics through cocurricular activities, student government, or in the local church or community. The scholarship may be of varying amounts up to \$2,000 annually. Continuation of the Miller Award generally requires a cumulative GPA of 3.0.The George Fox University Science Scholarship is a \$3,500 maximum renewable scholarship for science majors who have a predicted GPA of 3.5 out of high

#### **Family Discounts**

Tuition discounts equal to approximately 5 percent of tuition will be granted to second and additional family members when more than one member of the same family is enrolled in the traditional undergraduate program at the same time.

#### Special Scholarships and Grants

A portion of the University's endowment fund is designated for the scholarship program. The scholarships and grants listed below are funded by endowments provided by friends of the University. Except as noted, these scholarships are awarded to returning students only. Amounts may vary from year to year. Financial need is generally a consideration for the following awards:

#### **Student Financial Services**

*The J. Caroline Ankeny Memorial Scholarships* totaling \$3,100 are awarded annually to international students from India, Africa, Bolivia, or Peru.

The Austin Scholarship is intended for academically superior students from Newberg. The \$1,800 award is renewable if the student is active in college programs and leadership and maintains a 3.0 GPA.

*The Richard H. Beebe Memorial Scholarship* provides \$950 for a graduate of Crow High School (Eugene, Oregon). Students from Eugene Friends Church also may be considered. Recipients must have a 2.5 GPA.

The Wilbert and Esther Brandenburgh Memorial Scholarship, with a stipend of \$600, is for a student who regularly attends a Newberg area Friends Church and has a minimum 3.0 GPA.

The David P. Earhart Memorial Scholarships range from \$100 to \$600. Students must be members of, or regularly attend, a Friends church (or hold pacifist beliefs similar to the Quakers) and be participating in the Church/University Award Program.

The Holman Scholarship Endowment Fund totaling \$25,800 is intended for students who are interested in natural sciences, religion, or philosophy. Priority is given to students of bloodline descent of George Holman.

*The Esther M. Klages Scholarships* provide funds to deserving students, with preference to international students who intend to return to their native countries to serve in Christian ministries. Renewable for one year.

The Mildred Lancaster/Denair Friends Church Scholarship is given annually to assist a student who is a member or regular attendee of Denair Friends Church, or any northern California Friends church. The annual stipend is \$1,550.

The McGrath Family Scholarship of \$3,600 is awarded annually to an incoming Newberg High School graduate.

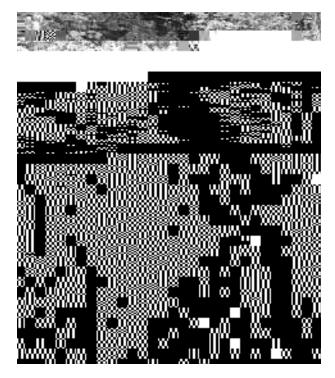
*The McPhee Memorial Grant* of \$1,000 is awarded annually to a dependent of missionaries actively serving the church in a country other than the United States.

*The Mock Family Scholarship* of \$1,150 is awarded annually to a student from Banks School District #13.

The Fred C. Neumann Memorial Scholarship of \$1,100 is awarded annually to a Quaker student who lives in Colorado. First preference will be given to a student from

ronn61.ITChurThe Holman Scholarof \$h6t2rch in a country other llehsLTD [(Th Colorasenior, rchrFdent0.519 - is. @War.Yca8447930L 112372tFraeQdaket18 UCisesjiv *The George Fox University Engineering Scholarship* is offered to a junior or senior engineering major with at least a 3.0 GPA. The stipend is for \$1,350.

*The Paul G. and Ruth R. Palmer Scholarship* of \$850 is awarded to a junior or senior majoring in the sciences with a minimum GPA of 3.0.



#### **Department of Psychology**

*The Leona and J.D. Baker Student Scholarship* provides \$750 to a sophomore, junior, or senior who has a 3.0 or higher GPA.

The Ethel Cowgill Memorial Scholarship of \$700 is awarded annually to a financially needy dependent of a pastor of one of the Northwest Yearly Meeting of Friends churches.

The Bill and Jim DeLapp Scholarship of \$1,300 is awarded annually to a student who resides in one of the 13 western states.

#### **Department of Religious Studies**

The Robert Barclay Tuition Scholarship of \$1,600 is funded by Arthur and Fern Roberts. Applicants must be upper-division Quaker students majoring in religion or philosophy. The student's home church must provide a supporting statement. A minimum GPA of 2.5 is required.

The Russel and Olivia Gainer Christian Ministry Scholarship of \$1,050 is awarded to a Christian ministries major. The Haisch Family Christian Ministry Scholarship of \$700 is awarded annually to seniors who are members of the Friends Church. Student should be training for local church ministry, anticipating attending seminary preferred. Minimum GPA of 2.5 is required.

The Ed Kidd Memorial Scholarship of \$1,050 is awarded to a student, sophomore or above, with an interest in writing or ministry. Financial need is required. Apply through the Department of Writing/Literature in oddnumbered years (2003-04) and through the Department of Religious Studies in even-numbered years (2002-03).

The Mills Family Christian Service Scholarship honors the family of Paul Mills, who was an instructor in the Department of Religious Studies at George Fox for 25 years. The stipend of \$2,900 is given to students who are preparing for full-time Christian service.

The Osburn Grant provides funds for students who would otherwise be eligible for the Oregon State Need Grant but disqualify because they are Christian ministries majors.

The Glen and Mildred Rinard Memorial Scholarship of \$600 is awarded annually to a Friends student majoring in Christian ministries or religion. The recipient must be preparing for Friends pastoral ministry. Students with junior or senior status are given preference.

The Arthur and Fern Roberts Tuition Grant of \$1,600 is awarded annually to a freshman or sophomore Quaker student. Financial need is required. Recommendation by the admission office may be considered.

The Robertson Family Missionary Scholarship of \$400 is awarded annually to a son or daughter of an active missionary family. Recommendation by the admission office may be considered.

The Alice and Milo Ross Scholarship in Leadership is awarded annually to a Quaker student who has been active in church leadership positions. The recipient must be a junior or senior with at least a 3.0 GPA. The amount of the award is \$1,650.

*The Mr. and Mrs. Fordice W. Stebbins Scholarship* of \$600 is awarded annually to a son or daughter of missionaries who is planning to pursue a career in Christian service.

The Jack L. Willcuts Memorial Scholarship offers \$1,200 to a student preparing for ministry in the Friends Church or Christian journalism. Preference is given to students from Northwest Yearly Meeting of Friends Church. The student must have achieved at least sophomore standing with a 3.0 GPA or higher.

Department of Sociology/Social Work The Chehalem Center Community Scholarship, with a

#### **Department of History and Political Science**

The Kerry E. and Vickie D. Irish Scholarship in History is awarded annually to a history major with a minimum 3.5 GPA. The annual award is \$750.

### Department of Mathematics, Computer Science, and Engineering

The Roberta Mitchell Jansen Scholarship is a \$500 award for four years to assist a student majoring in mathematics education. The student must maintain a minimum GPA of 3.0. Preference will go to a high school graduate from Polk County, with second preference going to a high school graduate from elsewhere in Oregon.

*The Math Faculty Scholarship* is a \$1,200 scholarship awarded annually to a student majoring in math or math teaching. The student must be sophomore level or above. The award may be renewed.

#### **Department of Religious Studies**

The Crecelius Family Christian Ministry Scholarship of \$500 is awarded annually to a student majoring in Christian ministry and planning to prepare for full-time Christian service.

The Hanson Quaker Leadership Scholarship was established to assist a junior or senior Quaker student who sees the Friends Church as an avenue for future ministry. The stipend of \$1,000 is not limited to future pastors. May be renewed for a second year.

#### **Department of Sociology/Social Work**

The Allen Scholarship and Social Science Award for \$1,000 is given to a sociology/social work major with a 3.0 minimum GPA who is a junior or senior and considering the fields of aging, the homeless, or lower income populations.

The Pearl Crow Memorial Scholarship is awarded annually to students majoring in sociology/social work. Incoming freshmen must have a minimum 3.25 GPA. Returning students must have a minimum 3.0 GPA. The maximum award is \$1,000 per academic class. Graduates of Christian high schools preferred. The award may be renewed. Freshmen apply through the admission office, and returning students apply through the Department of Sociology/Social Work.

#### **Department of Teacher Education**

The Roberta Mitchell Jansen Scholarship is a \$500 award for four years to assist a student majoring in math education. The student must have a minimum 3.0 GPA. Preference will go to a high school graduate from Polk County, with second preference going to a high school graduate from Oregon.

#### Miscellaneous

The Alumni Scholarship/Alumni Awards are given annually to 11 students who are direct descendants (parents or grandparents) of George Fox alumni who attended George Fox University for at least one year, including the MHR/MOL/MBIS programs.

*The Madras High School Scholarship* is given annually by the Madras High School scholarship committee to assist a Madras High School graduating senior.

It is the hope of the University that recipients of these funds will someday desire to add to the scholarship endowment fund and designate gifts for this purpose.

#### Loans

The Federal Perkins Loan (previously the National Direct Student Loan) is awarded by Student Financial Services based on demonstrated need and availability of funds. Because of the limited funds, this is usually awarded to those students who have exceptional need.

George Fox University does not discriminate in its educational programs or activities, including employment, on the bases of age, sex, handicap/disability, race, color, national or ethnic origin, or other statuses protected by applicable nondiscrimination laws. The University also is in compliance with the Family Educational Rights and Privacy Act of 1974.

The following offices may be contacted for information regarding compliance with legislation:

Director of admission: student consumer information

*Vice president for finance:* wage and hour regulations, The Civil Rights Act of 1964 (race, color, or national origin), and age discrimination

*Vice president for student life:* Title IX (nondiscrimination on the basis of sex)

Director of Student Financial Services: Title IV (Higher Education Act of 1965 as amended), student consumer information, the Pell Program, Supplementary Educational Opportunity Grants, the Perkins Loan/Direct Loan Program, the Stafford Loan Program, the Parents Loan for Undergraduate Students Program, and the Supplemental Loans for Students Program

*Registrar:* Rehabilitation Act of 1973, veterans' benefits, Immigration and Naturalization Act, and the Family Educational Rights and Privacy Act

FINANCE

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## COMPLIANCE WITH FEDERAL LAWS AND REGULATIONS

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"Blessed is the man who finds wisdom, the man who gains understanding."

- Proverbs 3:13

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George Fos University accords all the rights under the Family Educational Rights and Privacy Act (FERPA) to students who are enrolled. No one shall have access to, nor does the institution disclose any information from, students' education records without the written consent of students except to personnel within the institution with direct educational interest, to persons or organizations providing students' financial aid, to accrediting agencies carrying out their accreditation function, to persons in compliance with a judicial order, and to persons in an emergency in order to protect the health or safety of students or other persons. All these exceptions are permitted under the Act.

Students are afforded the right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. One exception that permits disclosure without consent is disclosure to school officials with legitimate education interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (campus security personnel, and health services staff); a person serving on the board of trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an educational record in order to fulfill his or her professional responsibility. Upon request, the University may disclose educational records without consent to officials of another school in which a student seeks or intends to enroll.

At its discretion, George Fox University may provide "directory information" in accordance with the provisions of the Act. Directory information is defined as that information which would not generally be considered harmful or an invasion of privacy if disclosed. The University construes the following information to be "directory information": parents' names and addresses, the student's name, permanent address, local address, temporary address, e-mail address, telephone number, date and place of birth, participation in officially recognized activities and sports, major, dates of attendance, full-time and part-time status, degrees and awards received, class year, the most recent previous school attended, and for members of athletic teams, height, weight, and position played. The University also considers photographs to be directory information. As such, release of photographs also is permitted.

Students may restrict the release of their directory information to third parties by annually submitting a signed and dated statement to the registrar's office within the first two weeks of fall semester. Otherwise, all photographs and information listed above are considered as "directory information" according to federal law. Nondirectory information, notably grade records, are released to third parties only on written request of the student, or otherwise required by law (e.g., subpoena).

The law provides students the right to inspect and review information contained in their education records, to challenge the contents of their education records, to have a hearing if the outcome of the challenge is unsatisfactory, and to submit explanatory statements for inclusion in their files if they feel the hearing panel's decisions are unacceptable. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

The registrar's office at George Fox University has been designated by the institution to coordinate the inspection and review of procedures for student education records, which include admission, personal and academic files, and academic, cooperative education, disciplinary records, and placement records. Students wishing to review their education records must give a written request to the registrar listing the item or items of interest. Only records covered in the act are made available within 45 days of the request. Education records do not include student health records, employment records, alumni records, or records of instructional, administrative, and educational personnel that are the sole possession of the maker and are not accessible or revealed to any individual except a temporary substitute. Health records, however, may be reviewed by physicians of the student's choosing.

Students may not inspect and review the following as outlined by the act: financial information submitted by their parents; confidential letters and recommendations associated with admission, employment or job placement, or honors to which they have waived their rights of inspection and review; or education records containing information about more than one student, in which case the institution permits access only to that part of the record which pertains to the inquiring student.

(Adapted from: A Guide to Postsecondary Institutions for Implementation of the Family Educational Rights and Privacy Act of 1974, American Association of Collegiate Registrars and Admissions Officers, 1990.)for Im7(s of676d A)35.8(c from using tobacco in any form, alcoholic beverages, and illicit or nonprescribed drugs and substances (including marijuana or narcotics). Under no circumstances are the above to be used, possessed, or distributed on or away from campus. Community members are also expected not to abuse the use of legal substances. For information concerning disciplinary actions, please ng **This register includes those teaching** half time or more under regular faculty contracts, as well as certain administrative officers with faculty designation. Listed are those contracted at the time of printing.

Wayne V. Adams, Professor of Psychology, Director of the Graduate School of Clinical Psychology. B.A., Houghton College; M.A., Ph.D., Syracuse University. George Fox University 1999–

Paul N. Anderson, Professor of Biblical and Quaker

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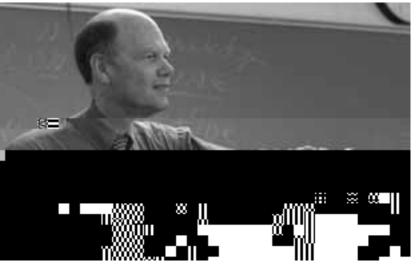
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David M. ChurchLAssistan(t Pndiatan(gof Musico 5158 (49277): Naturg (49), 78 973114 Det Rade 9 In die 3 (a) de 2 (a) de

Jules Glanzer, Dean of George Fox Evangelical Seminary, Associate Professor of Pastoral Leadership. B.A., Tabor College; M.Div., Mennonite Brethren Biblical Seminary; D.Min., Fuller Theological Seminary. George Fox University 2001–

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**Edward F. Higgins**, Professor of English, Chairperson of the Department of Writing/Literature. B.A., LaVerne College; M.A., California State College at Fullerton; Ph.D., Union Graduate School. George Fox Univ

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Scott M. Rueck, Assistant Professor of Health and

Brent D. Wilson

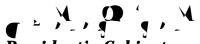
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Mike D. Campadore, Microcomputer Support Specialist

**Clark D. Campbell**, Ph.D., Director of Clinical Training, Graduate School of Clinical Psychology

#### Paul H. Chamberlain

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, Ph.D., Director of the Doctor ofogramJieTD ieaC.7(ogr)19.8

Susan Hampton, Student Financial Services Counselor

**Timothy R. Hoffman**, B.A., Undergraduate Admission Counselor

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