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*George Fox*



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# President's Letter

*As you walk through Concourse C of the Portland International Airport, you might notice an attractive advertisement for George Fox University. It states simply, "Degrees of Distinction." This is not an empty and idle claim. It is an observation of educators, business, and professional persons from across the country:*

*For example, after a 1994 visit by a 10-member accreditation review team for the Northwest Association of Schools and Colleges, members wrote in the final report:*

*"The team found a rare degree of consistency throughout the institution in understanding and enthusiastic acceptance of the college's stated missions and objectives. The college's steadfast adherence to...evangelical Christian traditions throughout its varied liberal arts and professional programs clearly lends DISTINCTION (my emphasis) to a George Fox education."*

*In the fall of 1996, U.S. News & World Report surveyed college presidents, deans, and admission personnel. They ranked George Fox second in the 14 western states for "excellence in undergraduate teaching" and second in "academic reputation."*

*Consistency of a Christ-centered mission, excellence in teaching, and high achievement of graduates in further study and professions are just a few of the indicators of the distinctive education in which you will participate at George Fox.*

*Have we changed in the last 106 years? Yes, in many good and positive ways.*

- *Enrollment has grown nearly 300 percent in the last 10 years!*
- *More than \$14 million has gone into buildings and equipment, including the \$5.3 million Edwards-Holman Science Center and the newly renovated Wood-Mar Auditorium.*
- *Western Evangelical Seminary has become a part of George Fox, with five strong graduate programs in ministry and counseling.*
- *We have become known for innovative programs such as:*
  - Computers Across the Curriculum*
  - Writing Across the Curriculum*
  - Ethics Across the Curriculum*
  - Internationalizing the Curriculum*
  - Juniors Abroad*
- *Senator Mark Hatfield joined the faculty in 1997 as Herbert Hoover Distinguished Professor.*

*Sen. Hatfield joins a faculty who are competent in their fields and committed to the purpose and person of Jesus Christ. They will be your friends, teachers, role models and mentors. If we are right for you, I hope God will direct you to George Fox University.*

Dr. Edward F. Stevens  
President







**MISSION AND  
OBJECTIVES**

The mission of the University from  
its beginning has been to demonstrate the  
meaning of Jesus Christ b

## VALUES STATEMENT

The George Fox University community values...

- Following Christ, the Center of Truth
- Honoring the Worth, Dignity and Potential of the Individual
- Developing the Whole Person —Spirit, Mind and Body
- Living and Learning in a Christ-Centered Community
- Pursuing Integrity Over Image
- Achieving Academic Excellence in the Liberal Arts
- Preparing Every Person to Serve Christ in the World
- Preserving Our Friends (Quaker) Heritage

## STUDENT OUTCOMES

In any enterprise involving students of varied preparedness, motivation and discipline, there will be differences in outcomes.

Education is realistic and idealistic. It reaches beyond the average, the assured, and the guaranteed. University objectives, indeed the entire Catalog, may be seen as sincere intention to provide an educational program of high quality. Accountability to students is fulfilled by providing qualified teachers, a community with Christian values, and the historical continuity of a Quaker university.

The opportunity for personal growth and development is here, yet student initiative and responsibility are vital. The Catalog is not an unconditional contract.

## ACCREDITATION AND MEMBERSHIPS

George Fox University is accredited by the Northwest Association of Schools and Colleges and by the Oregon Teacher Standards and Practices Commission for the preparation of teachers in specific fields.

It is approved by the United States government and the state of Oregon for the education of veterans, by the United States Attorney General for the admission of alien students, and by the American Association of University Women.

The University is a member of the national Christian College Consortium, the Coalition for Christian Colleges and Universities, the American Council on Education, the Association of American Colleges, the College Scholarship Service, the Council of Independent Colleges, the American Association for Higher Education, the Friends Association for Higher Education, the National Association of





## PLACE

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George Fox University's "place" is Oregon, the lower Willamette Valley, Newberg, and a 74-acre tree-shaded campus on a wooded ravine in a residential neighborhood. This place offers a variety to meet most interests: a friendly community close (23 miles) to a major metropolitan environment of 1.7 million people, located in the beauty of the Pacific Northwest, with nearby mountain ranges for skiing and easy access to rugged coastal beaches just an hour away.

Or

## **OUR HERITAGE**

More than a century ago, early 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 P

## CAMPUS FACILITIES

Bounded on three sides by a residential area, the George Fox campus borders Hess Creek, with a natural setting that is being preserved with its tall trees, ferns, and wildflowers. The spacious campus has been developed in recent years according to a master plan that features a campus academic quadrangle; a recreational section with sports center, track complex, and athletic fields; and a living area with major residence halls. The facilities include:

**The 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 graduate admissions and continuing education admissions and assessment.

**Barclay House**, at 1313 East North Street on the east side of campus, was purchased in 1994. It houses a resident director.

**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 large corridor-gallery.

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

**Richard H. Beebe Residence Hall**, opened in 1991, is the third unit of a three-building minidorm complex in the Hess Creek greenway. It houses 40 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.

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

**Business and Economics Department Offices** are located in a former residence converted to offices in 1991.

**The 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 students in eight suites. It is the first unit of a three-building minidorm complex situated in the Hess Creek greenway.

**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 cam-





**The Herbert Hoover Academic Building**, built in 1976-77, houses the Kershner Center for Business and Economics, as well as a 160-seat lecture facility, classrooms, psychology faculty offices, and the administrative offices of financial aid, registration, and student accounts.

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

**The Hobson-Macy-Sutton Residence Hall complex**, completed in 1977, is the largest residence facility on campus, housing a total of 250 students. A central lobby is shared by the three buildings. The buildings are connected by outside walkways and an underground tunnel.

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

**The Humanities House** is located on N. Center Street in a former residence converted to offices in 1992. In addition to the offices of faculty members in history, political science, sociology and social work, the facility houses the Center for Peace Studies, with office and library/conference room.

**The International Student Center**, opened in 1990, is located in a remodeled former residence on Meridian and Sherman streets. This building houses the English Language Institute, with classrooms, faculty offices and a lounge/reception area.

**Kelsey House**, purchased in 1992, houses nine students. It is located at 1110 Sheridan Street.

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

**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 that seats 165.

**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 nine students. It was purchased in 1992.

**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 George Fox alumna and volunteer leader.

**Minthorn Hall**, constructed in 1886 and on the National Register of Historic Places, is the only first-generation building still in use. Remodeled and refurbished in 1962, 1989 and 1992, it houses faculty offices for writing, literature, communication arts, and languages; two classrooms; and the Department of Continuing Education.

**The Curtis and Margaret Morse Athletic Fields**, dedicated in 1989, contain a baseball diamond, softball field, soccer field, and practice areas.

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

**The M. J. Murdock Learning Resource Center**, completed in the fall of 1988, houses 115,000 volumes on three floors. Its features include study carrels; rare book collections; special collections concentrating on Quaker, Hoover and peace studies; microforms and microform readers; CD-ROM workstations; and the curriculum library. The Instructional Media Center on the lower level includes computer and audiovisual laboratories. Also on the lower level are the Institutional Technology offices.

**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 House** contains the undergraduate admissions offices. Purchased in 1993, the longtime home of Levi Pennington, the former president of Pacific College—George Fox University's predecessor—was built in 1899 at the southeast corner of Sheridan and Center streets.

**Pennington Residence Hall**, built in 1962 and renovated in 1994, is a residence hall for 102 students and a resident director's apartment, with alternate-wing housing for men and women.

**The Plant Services Building**, opened in 1967 and expanded in 1979, contains work areas and offices for custodial, maintenance and grounds personnel.

**The Prayer Chapel**, overlooking Hess Creek Canyon east of Edwards Residence Hall, was completed in 1995. It is available to all who seek a private place for devotions and prayer.

**PLACE**

The basic aims of the intercollegiate athletic program are

## Social Events

The academic year at George Fox University is highlighted by a variety of social functions. Homecoming is one of the major campus events of the year, when the entire University community hosts returning alumni. Various other activities occur throughout the year. The student government's Activities Committee provides one activity every week. A limited number of thematic all-campus social dances are permitted each year, sponsored by the Associated Student Community under guidelines approved by the University administration and Board of Trustees.

## Theatre

Theatre, part of the Fine Arts Department, presents two major dramas and a music theatre production each year, as well as student-directed short plays and informal course-related performances. Augmenting the on-campus theatre program is the George Fox University Players, a touring drama group, which presents improvisational theatre throughout the Northwest at churches, prisons, camps, retreats, schools and marketplaces.

## CHAPEL AND CAMPUS MINISTRIES

Chapel provides a source of spiritual direction and instruction. Musical programs, outstanding speakers, and faculty and student participation continue to produce meaningful, informative, challenging chapel services and convocations. Chapel is held two times a week, and a standard of attendance is required of all full-time undergraduate students. Attendance is registered, and an attendance roll is maintained. Chapel is not designed to duplicate or replace the ministry of the local church. Rather, it is a unique part of George Fox as a faith-affirming university, a place where equipping and encouraging occurs.

Students with inadequate chapel attendance records run the same risks as students who have educational deficiencies in their classroom performance. So, just as a sufficiently low grade point average will lead to the suspension of the student from the University, so, too, a sufficiently low chapel attendance record may result in the suspension of the student from a major extracurricular activity or from the University itself.

The churches of the community maintain a variety of worship and ministry programs for college youth. Students are welcome to their services and fellowships, and opportunity for participation and student membership is provided. Regular church involvement is desired and strongly encouraged of all students.

The Campus Pastor, the Director of Outreach and Discipleship, the Christian Services Director, and the Student Chaplain direct worship and ministry activities on the campus and provide varied opportunities for every student who desires to move beyond being a "hearer" of the Word of God to becoming a "doer." The office sponsors Green Room, "Over the Edge" (a Sunday night worship and praise time), two weeks of Christian emphasis each year, an annual missions conference, and many prayer meetings, serve trips, and small group Bible studies.

Both on-campus and off-campus Christian ministry and service are encouraged as a means of exercising the spiritual gifts and abilities of students. Anyone representing the University in a specific ministry must be authorized to do so by the University administration.

## STANDARDS OF CONDUCT

By accepting admission to 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 that they will comply with these expectations in every respect and conduct themselves as responsible citizens. All students are expected to maintain normal 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 or pornographic materials or literature also are unacceptable. These lifestyle expectations are for both on and off campus.

## LIVING ARRANGEMENTS

### Housing Policies

George Fox is a residential university. Approximately 70 percent of the student body live in campus housing. Interpersonal relationships experienced in residence halls, campus apartments, and campus houses are strong factors in producing positive personal development. The policies and procedures governing residence housing are an outgrowth of the core values of George Fox University.

All unmarried full-time undergraduate students under the age of 23 after September 1 of the academic year are required to live in University-owned housing. Exceptions are given to students who live with a parent or legal guardian and to students who have completed three years of college work.

Specified hours have been established for co-ed visitation. Additional residential housing and lifestyle expectations are included in the Student Handbook provided for each student.

Nine modern residence halls house 660 students. The newest of these facilities is University Residence Hall, which houses 124 students. It opened in the fall of 1996 and houses a floor of men and two floors of women residents. Pennington Residence Hall, with a capacity of 102, has one wing for men and one for women students. Edwards Residence Hall, a residence for 106, also has one wing for men and one for women.

The Hobson-Macy-Sutton Residence Hall complex houses 222 students in three-floor buildings. Macy Residence Hall and Hobson Residence Hall are for women, while Sutton Residence Hall houses men and women.

Carey Residence Hall houses 32 men and women in eight suites on two floors, the top floor for women, the bottom floor for men. Willcuts Residence Hall houses 40 students in 10 suites on three floors. The top floor is for men, the bottom two floors for women. Beebe Residence Hall is set up the same as Willcuts Residence Hall.

Campus housing also includes five apartment complexes and several houses for upperclassmen. There are approximately 1,000 students living on campus. Housing administration is handled by the Associate Dean of Students in the Student Life Office. Residence housing is furnished with beds, mattresses and other essential furnishings. Students are expected to provide their own bedding, towels, etc. All belongings should be marked clearly for identification. Coin-operated laundry facilities are provided for each residence.

New students will be mailed a housing preference form after they pay their tuition deposit to the Admissions Office.

Occupants of campus housing are held responsible for damage to their unit and furnishings. Cost of damage or cleaning beyond normal wear, unless such damage has been identified, is the responsibility of the occupant. Residence Hall houses 32 men and women in eight suites on two floors, the top floor for women, the bottom floor for men. We

## Motor Vehicles

The ownership or possession of automobiles or other motorized vehicles by students is permitted. Students are advised to maintain appropriate insurance coverage on such vehicles. Any student who is registered and attending classes, whether full or part time, must have his or her motor vehicle registered with the Security Office and pay a non-refundable parking fee to park on campus. Failure to do so will result in fines.

## STUDENT SERVICES

### Student Life Office

This office, located in Wood-Mar Hall, is responsible for the organization and programming of campus housing, intercollegiate athletics, student government, student activities, career services, multicultural services, security, 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 curricular programs. The Vice President for Student Life coordinates these services and programs.

### Career Services Office

This office, located in Wood-Mar Hall, is the center for career education, guidance, and employment resources. This covers selecting a major to finding employment or attending graduate school. Resources include career courses, testing, counseling, special events, job search skill training, and a library with occupational, graduate school, and company information. Permanent, summer, student employment, and internship jobs are posted daily, with a weekly job bulletin published as well. Comprehensive computer guidance, the Alumni Career Resource Network, the Oregon Liberal Arts Placement Consortium Jobs Fair, and the JobTrak online job listing service are special features. Teacher placement files are generated and maintained in this office. Staff includes the director, assistant director, secretary and intern.

### Financial Aid Office

This office in the Hoover Academic Building coordinates student employment; awards of scholarships, grants and loans; and other forms of financial assistance.

### Graduate Student Office

This office, located at the Portland Center and in Wood-Mar Hall on the Newberg campus, is responsible for organizing and coordinating the services of the graduate student population. The director serves as a resource person and advocate for the students within the University. Graduate students are encouraged to contact this office whenever they are concerned about aspects of University life.

### Health and Counseling Services

General medical and counseling health services are located in the Health and Counseling Center. Diagnosis and treatment for minor illnesses and injuries, immunizations, allergy injections, referrals to local physicians, and health education are available. A nurse practitioner is available by appointment, and a registered nurse is available throughout the school day for outpatient care.

The counseling staff consists of a licensed psychologist and several master's-level counseling or psychology practicum students. 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. Group therapy, marriage and premarital counseling, outreach seminars, crisis intervention, testing, and referral also are available. Counseling sessions are by appointment only.

Counseling and health care professional services are provided at no cost to students who have paid the student health fee. All other students are charged \$10 per visit for services rendered. Nominal fees are charged for psychological assessment and medical supplies. Health accident insurance is required of all students. Students must verify adequate

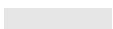
insurance coverage elsewhere or be enrolled in the Student Medical Insurance Group Plan at the time of registration. Each student must have a completed Health History and Immunization Record on file in the Health Center. The state of Oregon requires every student born after December 1956 to have proof of a second measles immunization. All records in the Health Center are confidential (for students 18 and over).

### International Student Services Director

The Director of International Student Services helps facilitate the meeting of diverse cultures in the George Fox University community, serving as the advisor for international students.

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 home and to help the campus community develop an empathy for 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.







## **COURSE CHALLENGE PROGRAMS**

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, that scores be sent to George Fox University.

### **International Baccalaureate (IB)**

College credit may be granted in several subject areas to students who complete college-level work through the International Baccalaureate program. A minimum score of five is required on High Level examinations for credit consideration. Students must provide the Registrar's Office with a copy of the International Baccalaureate transcript to receive consideration. Credits awarded as a result of International Baccalaureate documentation will be accepted as transfer credit.

### **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 Examination Program (CLEP).

Testing through the CLEP General Examinations is designed to verify competency in general education. Tests may be taken in five areas for a maximum of 32 semester hours of credit. (General examinations are to be taken prior to the completion of the first semester of enrollment at George Fox University.) It is recommended that the English Composition examination with essay be taken in June prior to college

enrollment.

Testing through the CLEP Subject Examinations provides verification of comubjectc TD1(6r)T

is also a member of Orbis, a consortium of academic libraries with a union catalog located at the University of Oregon. Through consortia agreements, George Fox students may use the Portland State University library, as well as numerous other private and state college libraries in Oregon.

### **Tilikum Retreat Center**

Christian camping is emphasized through the facilities of University-owned Tilikum, a center for retreats and outdoor ministries for the greater Portland area. The combined strengths of the faculty in physical education, health and consumer sciences, Christian educational ministries, and more come together in a program for preparing camp leaders.

a short-term residence in a different cultural setting, e.g., foreign country, inner city, rural community.

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
- GED 375 2 to 12 credit hours
- \_\_\_\_\_ 475 2 to 12 credit hours

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 faculty sponsor and student interrelate.

Evaluation of the field experience is based upon successful completion of the stated individualized objectives in the Learning Plan. Field experience

may be "pass" or "no pass" at department option or, in absence of department policy, at the student's option.

## International Trade Institute

Through the International Trade Field Study Program, based in Portland, Oregon, college seniors have the opportunity to

City of Portland, Oregon  
1000 NE Oregon Street, Portland, Oregon 97232  
Phone: (503) 846-4100  
Fax: (503) 846-4101  
Website: <http://www.portland.gov>

**Oregon Theological  
Consortium  
Cross-Registration**

A full-time student may take one course a semester at one of the Oregon Theological Consortium colleges or seminaries. Similar guidelines and procedures as for OICA cross-registration apply. Contact the George Fox University

**Middle East  
Studies Program**

The Middle East Studies Program in Cairo,  
Egypt, provides students with opportunity  
to study M

laser printers, a color printer, a scanner, CD-ROM and laser disk drives. From this lab students can access the campus network and campus e-mail system. The Campus Computer Store provides computers, software and supplies to the University. Also available is a help desk for support and computer repair services.

**English Language Institute**

George Fox University offers an intensive English as a S

**May Term**

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## **GENERAL EDUCATION REQUIREMENTS**

To complete an undergraduate academic program at George Fox University, a student must select one of 36 majors 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. Except for such specifications, students may not use the same course to fulfill both general education and major requirements. A class may apply toward both general education and a minor. Additionally, all first-semester freshman students who matriculate in the fall are required to enroll for GED 130 Freshman Seminar.

- HEA 200 Lifestyle Management
- HEA 230 First Aid and Safety
- HEA 240 Stress Management
- HEA 300 Nutrition
- HEA 320 Contemporary Health Issues

3. Up to two hours may be waived upon successful completion of proficiency tests in selected areas. A current Red Cross Lifeguarding or Water Safety Instruction certificate will waive one hour without further examination.

4. Two credits toward the three-hour requirement may be earned on intercollegiate athletic teams. Only one credit in any one sport will count.

5. Any professional activity class meets one hour of the requirement.  
By permission only.

6. Military services may waive two semester credits.

Total: 3 hours

♦ **HUMANITIES**

Choose 14-15 semester hours, taking five courses from the options listed below, including at least one course and no more than two courses from each of the following areas: fine arts, history, and literature.

1. Fine Arts

If a student chooses to take two courses in fine arts to fulfill the humanities general education requirement, one must be art and one must be music.

- GED 110 The World of Music
- GED 220 Survey of Art
- ART 101 Basic Design
- ART 111 Drawing
- MUS 100 Fundamentals of Music
- MUS 110 Understanding Jazz
- MUS 111, 112 Introduction to Music Literature
- MUS 210 Keyboard Literature

2. History

- HST 101 Western Civilization to 1789
- HST 102 America and the World
- HST 331/332 England

3. Literature

If a student chooses to take two courses in literature to fulfill the humanities general education requirements, the first must be a lower-division course; the second may be lower or upper division.

- LIT 100 Introduction to Literature
- LIT 231 Masterpieces of World Literature, Western
- LIT 240 Understanding Drama
- LIT 331 American Literature to 1900
- LIT 332 American Literature 1900 to Present
- LIT 340 Poetry
- LIT 360 Values Through Story and Myth
- LIT 385 Major Authors
- LIT 431 English Literature to 1785
- LIT 432 English Literature 1785 to Present
- LIT 440 Study of the Modern Novel

4. Philosophy (choose a maximum of one course)

- PHL 210 Introduction to Philosophy
- PHL 230 Ethics

Total: 14-15 hours

♦ **SCIENCES**

Choose 18 semester hours from the options listed below. Students must choose two courses from natural science, one from math, and two from social science. Students then choose an additional course from either natural science, math or social science.

1. Math

Waiver of three semester hours of math requirement for a SAT score above 600.

- MTH 100 The World of Mathematics
- MTH 120 Intermediate Algebra

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## Exemptions and Waivers

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 three hours of Bible). A mathematics SAT score of 600 (600 on recentered SAT) or above waives three hours of mathematics/computer requirements (see page 29). A verbal SAT score of 600 (670 on recentered SAT) or above waives WRI 110 Freshman Composition (see page 28). CLEP and Advanced Placement tests win other exemptions, as do campus-administered examinations.

## General Education Requirements for Teacher Education

The following exceptions are approved for elementary education majors, making a 42-hour-total general education requirement:

1. Health and Physical Education: This requirement is met with two hours from the stated options.
2. Humanities: This requirement is satisfied with 12 hours chosen from any of the categories, and including at least two courses each in history (including U.S. history) and in literature (including world literature).

3. Language/Mathematics: This six-hour requirement is waived.

4. Social Science: Three of the six hours of this requirement must be met by PSY 150 General Psychology.

The following exceptions are approved for majors in all secondary education programs, making a 41-hour-total general education requirement:

1. Health and Physical Education: This requirement is met with two hours from the stated options.
2. Humanities: This requirement is satisfied with 11 hours chosen from any of the categories, including at least one course in music or art and at least one course in U.S. history and in literature.
3. Language/Mathematics: This requirement is met with one three-hour course from the stated options in foreign language, mathematics and computer.
4. Social Science: This requirement is met by PSY 150 General Psychology and SOC 150 Principles of Sociology.

## COURSE NUMBERING SYSTEM

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., EDU 300) 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., MUS 105) 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” or in “8” and “9” (e.g., CHE 111, 112) 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 21.
- 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. Entry application forms are available from the Registrar and, when completed, become a learning contract between the student and the

- All “475,” “485,” and “495” courses are limited to juniors and seniors who are majoring in the field. 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 given each semester.
- 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 GED prefix refers to general education.
- Courses at the 500 to 700 levels are graduate courses.

## MAJORS AND DEGREES

George Fox University confers these degrees: Bachelor of Arts, Bachelor of Science, Master of Arts in Teaching, Master of Education, Master of Business Administration, Master of Arts in Christian Education, Master of Arts, Theological Studies, Master of Arts in Counseling, Master of Arts in Marriage and Family Therapy, Master of Divinity, and Doctor of Psychology. Included are 36 undergraduate majors and nine graduate degrees, organized in four schools.

### Admission to an Undergraduate Major

Admission to the University does not imply automatic admission to a major. Admission to a major is by application to the department sponsoring the major.

Though entry into George Fox University may be with a major as an objective, application and selection is to be accomplished after 45 credits have been earned, or during the second semester of the sophomore year.

In most cases, admission to a major will include meeting initial standards, as in the example of admission to teacher education and music. Admission to a major is normally accomplished no later than the end of the junior year, or before the completion of 90 credits.

### Interdisciplinary Majors

The cross-disciplinary major consists of a minimum of 48 semester hours with either a 24/12/12-hour option from three fields or a 24/24-hour option from two fields. The 24/12/12 and the 24/24 options are at the discretion of the department. Of these hours, 30 must be upper division. The student must complete a contract form prepared in consultation with the advisor, the Registrar, and the department chairperson of the largest component.

### Selection of a Minor

A minor is a package of elective courses that have a common bond and that identify certain interests and competencies. Usually a minor consists of an approved group of courses with no less than 18 semester hours, six of which must be upper-division credit. The Registrar's Office will provide information on requirements.

### Programs of Study

- Art (B.A.)
- Biblical Studies (B.A.)
- Biology (B.S.)
- Business and Economics (B.A. or B.S.)
- Chemistry (B.S.)
- Christian Ministries (B.A.)
- Communication Arts (B.A.)
- Communication/Video Production (B.A.)
- Computer and Information Science (B.S.)
- Elementary Education (B.S.)
- Engineering (B.S. 3/2 cooperative)
- Family and Consumer Sciences (B.S.)
  - Fashion Merchandising/Interior Design
  - Foods and Nutrition in Business
- Health and Human Performance (B.S.)
  - Athletic Training
  - Fitness Management
  - P.E. Teaching
  - Coaching (minor)

- History (B.A.)
- Interdisciplinary Studies (B.A. or B.S.)
- International Studies (B.A.)
- Management and Organizational Leadership (B.A.)
- Management of Human Resources (B.A.)
- Mathematics (B.S.)
- Music (B.A.)
- Psychology (B.A. or B.S.)
- Religion (B.A.)
- Secondary 3 TSD (S33 -Aaana)Tj 0. TD (R)Tj (B.A.)





## ACCOUNTING

See “Business and Economics.”

## APPLIED SCIENCE

(B.S. Degree from George Fox University)

## ENGINEERING

(B.S. Degree from any university with an engineering program accredited by the A.B.E.T. — Accreditation Board for Engineering and Technology)

George Fox University offers a dual-degree 3/2 engineering program that combines the liberal arts with the traditional training for an engineering profession. Students attend George Fox University for three years, taking most of their general education, mathematics, science and lower-division engineering courses. They may then qualify to transfer to any engineering school, where they spend two years in any one of several engineering curricula: aerospace engineering, chemical engineering, civil engineering, computer engineering, electrical engineering, mechanical engineering, or engineering management.

The 3/2 program has a formal cooperative arrangement with the University of Portland, Washington University of St. Louis, and Seattle Pacific University (electri-

cal engineering only). However, students may complete the final two years of the program at any engineering school. Past participants have completed their final two years at schools such as Oregon State University, Colorado State University, Montana State University, Purdue University, and Texas A & M University.

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 degree from the engineering school after their fifth year. Most engineering schools offer a Master of Science program in engineering that can be completed in approximately one additional year.

### Major Requirements

Requirements for an applied science major consist of 51 semester hours, to include the following courses:

EGR 102	Engineering Graphics
EGR 200	Introduction to Computer Programming for Engineers
EGR 211	Engineering Mechanics – Statics
EGR 212	Engineering Mechanics – Dynamics
EGR 261	Circuit Analysis I
PHY 211, 212	General Physics with Calculus
MTH 300	Numerical Methods
MTH 301	Calculus III
MTH 310	Differential Equations

MTH 320 Linear Algebra  
*Either* EGR 262 Circuit Analysis II  
*or* EGR 311 Thermodynamics  
*Either* EGR 322 Strength of Materials  
*or* EGR 331 Logic Design

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

Eight hours of CHE 111, 112 General Chemistry are required, of which six may meet the natural science general education requirement.

Eight hours of MTH 201, 202 Calculus I, II are required, of which six may meet the mathematics general education requirement.

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

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

## ART

(B.A. Degree)

### Major Requirements

Requirements for an art major consist of 42 semester hours, to include the following courses:

ART 101	Basic Design I
ART 102	Basic Design II
ART 111	Drawing I
ART 112	Drawing II
ART 381	Baroque and Rococo Art
ART 382	Twentieth Century Art
ART 385	Special Topics in Art History
ART 460	Art and Christ
ART 490	Senior Thesis Exhibit
<i>(or</i> ART 475 Field Experience, by petition)	

Select 15 hours from the following (these 15 hours must include courses from three separate studio disciplines):

ART 201	Beginning Painting
ART 221	Beginning Sculpture
ART 231	Beginning Printmaking

ART 241 Beginning Ceramics  
 ART 250 Introduction to Graphic Design  
 ART 285 Selected Topics  
 ART 295 Special Study  
 ART 301 Intermediate Painting  
 ART 331 Intermediate Printmaking  
 ART 341 Intermediate Ceramics  
 ART 401 Advanced Painting  
 ART 431 Advanced Printmaking  
 ART 441 Advanced Ceramics  
 ART 495 Special Study  
 THE 125/325C Theatre Laboratory  
 THE 255/455 Technical Theatre

## BIBLICAL STUDIES

(B.A. Degree)

### Major Requirements

Requirements for a biblical studies major consist of 40 semester hours (exclusive of general education courses), with 18 hours from upper-division courses (at least six at the 400 level) and distributed as follows:

- 20 hours in biblical studies
- 6 hours in Christian ministries
- 8 hours in religion (including REL 380 Christian Beliefs)
- 6 hours in philosophy

A maximum of two hours may be counted through BIB 495 Special Study.

## BIBLICAL STUDIES: INTERDISCIPLINARY MAJOR

(B.A. Degree)

### Major Requirements

An interdisciplinary major may be elected through application and approval of the department. It consists of two 24-hour blocks, one in biblical studies, the other in any other major field. The student application must show how the proposed interdisciplinary major meets reasonable academic and vocational objectives.

Requirements for the biblical studies block:

- 10 hours in biblical studies
- 8 hours in religion, including REL 380 Christian Beliefs
- 3 hours in philosophy
- CHM 360 Perspectives in Christian Education

## BIOLOGY

(B.S. Degree)

### Major Requirements

Requirements for the biology major consist of 34 semester hours in biology and 19 additional hours in chemistry and mathematics to include the following courses:

#### ♦ BIOLOGY

BIO 101, 102 General Biology  
 BIO 350 Genetics  
 BIO 360 Ecology  
 BIO 491, 492 Senior Seminar  
 (BIO 384 Research Methods may be substituted for one Senior Seminar.)

Plus an additional 16 hours of upper-division biology courses.

An upper-division botany course is highly recommended.



### **Malheur Field Station**

George Fox University is a member of the Malheur Field Station Consortium. Malheur Field Station (MFS) is located in the Grn (MFSde2322G

♦ **CHEMISTRY**

CHE 111 General Chemistry  
CHE 112 General Chemistry  
CHE 310 Analytical Chemistry  
CHE 325, 326 Organic Chemistry  
CHE 390 Organic Synthesis  
and Analysis  
CHE 401, 402 Physical Chemistry  
CHE 410 Advanced Chemical  
Measurements

Plus an additional 3 hours of upper-division chemistry courses.

♦ **MATHEMATICS**

MTH 201, 202, 301 Calculus I, II, III are required.

♦ **PHYSICS**

PHY 201, 202 General Physics are required.

The mathematics and physics courses also fulfill up to 12 hours of the sciences requirement for general education.



Choose nine hours from the following:

- CIS 300 Introduction to Numerical  
Computation
- CIS 330 Computer Graphics
- CIS 350 Data Communications and  
Networks
- CIS 470 Operations Research
- EGR 331 Logic Design

Choose two hours from the following:

- CIS 322 Systems Development  
Seminar
- CIS 475 Field Experience

In addition, mathematics through MTH  
202 Calculus II is required. These courses  
may count for up  
to six hours of general education under sci-



**♦ COOPERATIVE 3-1 DEGREE PROGRAM CONCENTRATION WITH THE FASHION INSTITUTE OF DESIGN AND MERCHANDISING**

George Fox University offers a cooperative degree program with the Fashion Institute of Design and Merchandising in Los Angeles, California. This cooperative program provides for students to attend George Fox University for three years, which allows the completion of all general education classes, all elective classes, and 14 hours in the fashion merchandising/interior design major.

Students attend FIDM for either their junior or senior year to complete a specialized major. The broad spectrum of related courses at FIDM are 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.

**♦ FAMILY AND CONSUMER SCIENCES CONCENTRATION**

Family and consumer sciences are grounded in the sciences and humanities. At the core is concern for the biological, social, aesthetic, physical, economical and psychological needs of each family member. Today's families must be able to manage relationships, services, goods and resources.

The family and consumer sciences major graduates with a Bachelor of Science degree. Graduates find employment in the traditional areas: home extension, food research, nutrition research, food service manage-

ment, child care, fashion design, homemaking, retail merchandising, dietetics, equipment sales, and journalism. They also find newer, nontraditional careers in these and other fields: debt counseling, energy conservation management, advertising, equipment promotion demonstration, and public relations.

The following courses, totaling 43 semester hours, are required for a degree in family and consumer sciences:

- FCS 120 Apparel Construction
- FCS 211 Foods I
- FCS 212 Foods II
- FCS 220 Fashion and Society
- FCS 230 Textiles Science
- FCS 250 Residential Technology
- FCS 280 Marriage and the Family
- FCS 290 Meal Management
- FCS 300 Nutrition
- FCS 311 Human Development: Infancy to Adolescence
- Either* FCS 320 Fashion Merchandising
- or* FCS 370 Pattern Drafting and Apparel Design
- FCS 330 Residential Architecture
- FCS 350 Resource Management
- FCS 351 Interior Design I
- FCS 360 Consumer Buying
- FCS 490 Senior Seminar

**♦ FAMILY AND CONSUMER SCIENCES EDUCATION CONCENTRATION**

For family and consumer sciences teaching major requirements leading to certification to teach from kindergarten through high school (K-12), see the "Teacher Education" section of the catalog, page 52.

**HEALTH EDUCATION**

(B.S. Degree)

The health teaching major incorporates a wellness theme that emphasizes individual responsibility and promotes a positive lifestyle. Any health course (except HEA 310 School Health Program) will meet one hour of the health and human performance general education requirement.

**Major Requirements**

**♦ HEALTH EDUCATION/HUMAN PERFORMANCE CONCENTRATION**

- BIO 221 Human Anatomy
- BIO 222 Human Physiology
- HEA 200 Lifestyle Management
- HEA 210 Drug Education
- HEA 230 First Aid and Safety
- HEA 240 Stress Management
- HEA 280 Marriage and the Family
- HEA 300 Nutrition
- HEA 310 School Health Program
- HEA 320 Contemporary Health

I  
ess Mducation

## **HUMAN PERFORMANCE**

(B.S. Degree)

### **General Education Requirements in Human Performance**

Three semester hours of human performance are required to complete the University's general education requirement. Students may enroll in one limited-enrollment human performance activity course per semester and one unlimited-enrollment human performance activity course per semester. This requirement may be satisfied in the following ways:

1. Human performance activity or adapted activity classes. Limit of two semesters of any one activity.
2. Any health class (except HEA 310 School Health Program) will satisfy one hour of the requirement.
3. Up to two hours may be waived upon successful completion of proficiency tests in selected areas. A current Red Cross Lifeguarding or Water Safety Instruction certificate will waiv

HHP 221-232 Professional activities  
courses

HHP 300 Coaching Theory and  
Practice

Select a two-hour coaching course from

HHP 310 Coaching Basketball

HHP 320 Coaching Baseball/  
Softball

HHP 330 Coaching Soccer

HHP 340 Coaching Track

*or* HHP 350 Coaching Volleyball

HHP 480 Tests and Measurements  
in Physical Education

EDU 410 Teaching Physical  
Education K-12

E -5OAU 41 mdball



tion for graduate study in international relations and diplomacy, missiology, and area studies. The major includes a strong international field work 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:

- INS 310 Cultural Anthropology
- Either* INS 330 Introduction to the World Christian Movement *or*
- REL 360 Cross-cultural Christian Outreach
- INS 340 International Relations
- Either* INS 350 International Trade and Finance
- or* ECO 360 Global Political Economy
- INS 440 World Religions
- INS 490 International Studies Senior Seminar

The second year of a modern foreign language

Eight hours of INS 475 Culture-Oriented Field Work

Two additional three-hour courses from the following:

- COM 300 Theoretical Approaches to Communication
- COM 340 General and Cultural Linguistics
- ECO 360 Global Political Economy
- HST 331 England to 1688
- HST 332 England Since 1688
- HST 350 Latin America
- HST 360 Modern Russia
- HST 370 Far East
- HST 421 Europe 1789-1890
- HST 422 Europe 1890-Present
- REL 360 Cross-Cultural Christian Outreach
- REL 460 Issues in Contemporary Missions
- LIT 231 Masterpieces of World Literature, Western
- LIT 232 Masterpieces of World Literature, Non-Western
- PSC 250 International Conflict and Peace
- SOC 380 Ethnic Groups and Social Minorities
- FRE 495 Individual Research or Field Work (French)
- SPN 495 Individual Research or Field Work (Spanish)

### ♦ INTERNATIONAL STUDIES WITH RELIGION CONCENTRATION

International studies is an interdisciplinary major designed to prepare students for foreign missionary service or for other 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. For details of curriculum and requirements, see the requirements for an international studies major.

## LEADERSHIP STUDIES

### ♦ 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, a 2.5 grade point average, and instructor approval.

The course of study and practice includes:

1. LDR 490 Leadership Seminar (four semesters, 1 hour per semester)
2. Either LDR 475 Leadership Experience or an approved alternative practicum.
3. One course taken from each of the following categories:

BUS 300 Management for 294e. Health, ITD (© 2009, 2007, 2005, 2003, 2001, 1999, 1997, 1995, 1993, 1991, 1989, 1987, 1985, 1983, 1981, 1979, 1977, 1975, 1973, 1971, 1969, 1967, 1965, 1963, 1961, 1959, 1957, 1955, 1953, 1951, 1949, 1947, 1945, 1943, 1941, 1939, 1937, 1935, 1933, 1931, 1929, 1927, 1925, 1923, 1921, 1919, 1917, 1915, 1913, 1911, 1909, 1907, 1905, 1903, 1901, 1899, 1897, 1895, 1893, 1891, 1889, 1887, 1885, 1883, 1881, 1879, 1877, 1875, 1873, 1871, 1869, 1867, 1865, 1863, 1861, 1859, 1857, 1855, 1853, 1851, 1849, 1847, 1845, 1843, 1841, 1839, 1837, 1835, 1833, 1831, 1829, 1827, 1825, 1823, 1821, 1819, 1817, 1815, 1813, 1811, 1809, 1807, 1805, 1803, 1801, 1799, 1797, 1795, 1793, 1791, 1789, 1787, 1785, 1783, 1781, 1779, 1777, 1775, 1773, 1771, 1769, 1767, 1765, 1763, 1761, 1759, 1757, 1755, 1753, 1751, 1749, 1747, 1745, 1743, 1741, 1739, 1737, 1735, 1733, 1731, 1729, 1727, 1725, 1723, 1721, 1719, 1717, 1715, 1713, 1711, 1709, 1707, 1705, 1703, 1701, 1699, 1697, 1695, 1693, 1691, 1689, 1687, 1685, 1683, 1681, 1679, 1677, 1675, 1673, 1671, 1669, 1667, 1665, 1663, 1661, 1659, 1657, 1655, 1653, 1651, 1649, 1647, 1645, 1643, 1641, 1639, 1637, 1635, 1633, 1631, 1629, 1627, 1625, 1623, 1621, 1619, 1617, 1615, 1613, 1611, 1609, 1607, 1605, 1603, 1601, 1599, 1597, 1595, 1593, 1591, 1589, 1587, 1585, 1583, 1581, 1579, 1577, 1575, 1573, 1571, 1569, 1567, 1565, 1563, 1561, 1559, 1557, 1555, 1553, 1551, 1549, 1547, 1545, 1543, 1541, 1539, 1537, 1535, 1533, 1531, 1529, 1527, 1525, 1523, 1521, 1519, 1517, 1515, 1513, 1511, 1509, 1507, 1505, 1503, 1501, 1499, 1497, 1495, 1493, 1491, 1489, 1487, 1485, 1483, 1481, 1479, 1477, 1475, 1473, 1471, 1469, 1467, 1465, 1463, 1461, 1459, 1457, 1455, 1453, 1451, 1449, 1447, 1445, 1443, 1441, 1439, 1437, 1435, 1433, 1431, 1429, 1427, 1425, 1423, 1421, 1419, 1417, 1415, 1413, 1411, 1409, 1407, 1405, 1403, 1401, 1399, 1397, 1395, 1393, 1391, 1389, 1387, 1385, 1383, 1381, 1379, 1377, 1375, 1373, 1371, 1369, 1367, 1365, 1363, 1361, 1359, 1357, 1355, 1353, 1351, 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1017, 1015, 1013, 1011, 1009, 1007, 1005, 1003, 1001, 999, 997, 995, 993, 991, 989, 987, 985, 983, 981, 979, 977, 975, 973, 971, 969, 967, 965, 963, 961, 959, 957, 955, 953, 951, 949, 947, 945, 943, 941, 939, 937, 935, 933, 931, 929, 927, 925, 923, 921, 919, 917, 915, 913, 911, 909, 907, 905, 903, 901, 899, 897, 895, 893, 891, 889, 887, 885, 883, 881, 879, 877, 875, 873, 871, 869, 867, 865, 863, 861, 859, 857, 855, 853, 851, 849, 847, 845, 843, 841, 839, 837, 835, 833, 831, 829, 827, 825, 823, 821, 819, 817, 815, 813, 811, 809, 807, 805, 803, 801, 799, 797, 795, 793, 791, 789, 787, 785, 783, 781, 779, 777, 775, 773, 771, 769, 767, 765, 763, 761, 759, 757, 755, 753, 751, 749, 747, 745, 743, 741, 739, 737, 735, 733, 731, 729, 727, 725, 723, 721, 719, 717, 715, 713, 711, 709, 707, 705, 703, 701, 699, 697, 695, 693, 691, 689, 687, 685, 683, 681, 679, 677, 675, 673, 671, 669, 667, 665, 663, 661, 659, 657, 655, 653, 651, 649, 647, 645, 643, 641, 639, 637, 635, 633, 631, 629, 627, 625, 623, 621, 619, 617, 615, 613, 611, 609, 607, 605, 603, 601, 599, 597, 595, 593, 591, 589, 587, 585, 583, 581, 579, 577, 575, 573, 571, 569, 567, 565, 563, 561, 559, 557, 555, 553, 551, 549, 547, 545, 543, 541, 539, 537, 535, 533, 531, 529, 527, 525, 523, 521, 519, 517, 515, 513, 511, 509, 507, 505, 503, 501, 499, 497, 495, 493, 491, 489, 487, 485, 483, 481, 479, 477, 475, 473, 471, 469, 467, 465, 463, 461, 459, 457, 455, 453, 451, 449, 447, 445, 443, 441, 439, 437, 435, 433, 431, 429, 427, 425, 423, 421, 419, 417, 415, 413, 411, 409, 407, 405, 403, 401, 399, 397, 395, 393, 391, 389, 387, 385, 383, 381, 379, 377, 375, 373, 371, 369, 367, 365, 363, 361, 359, 357, 355, 353, 351, 349, 347, 345, 343, 341, 339, 337, 335, 333, 331, 329, 327, 325, 323, 321, 319, 317, 315, 313, 311, 309, 307, 305, 303, 301, 299, 297, 295, 293, 291, 289, 287, 285, 283, 281, 279, 277, 275, 273, 271, 269, 267, 265, 263, 261, 259, 257, 255, 253, 251, 249, 247, 245, 243, 241, 239, 237, 235, 233, 231, 229, 227, 225, 223, 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Students who successfully complete either of the 34-semester-hour programs and accompanying requirements are granted a Bachelor of Arts degree in management and organizational leadership or management of human resources. Applicants to the programs must have a minimum of 62 semester hours of transferable college credit from accredited institutions. General education requirements, totaling 35 semester credits (included as part of the 62 semester hours), should have been met upon entrance.

Individuals 25 years of age or older with 90 or more semester hours of transferable credits are considered optimum candidates.

Military credit, evaluated and assessed upon acceptance into either the MOL or MHR program, is officially awarded and transcribed upon the student's successful completion of the program.

Through these programs, the Department of Continuing Education serves the needs of adult learners and helps them assess personal values, develop interpersonal skills, and enhance competencies in order to influence the quality of work within their organizations.

## **Credit For Life Learning**

College-level learning occurs in many environments in addition to the traditional college classroom. Students in the MOL and MHR programs can earn college credit for such learning through developing and presenting a life-learning por

## **MATHEMATICS**

(B.S. Degree)

### **Major Requirements**

Requirements for a mathematics major consist of 37 semester hours, to include the following courses:

MTH 201, 202, 301 Calculus I, II, III  
MTH 320

## MUSIC: INTERDISCIPLINARY MAJOR

(B.A. Degree)

### 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:

MUS 121, 122 Theory 1  
 MUS 200 Basic Conducting  
 MUS 220 Vocal Techniques  
 MUS 340 Church Music  
 (History and Administration)  
 MUS 491, 492 Senior Seminar,  
 Recital/Lecture

- A major ensemble (four semesters)
- Applied lessons (two semesters)
- Music electives

## PEACE AND CONFLICT STUDIES

### 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.

### ♦ PROGRAM IN CONFLICT MANAGEMENT

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 COM 200 Persuasive Communication,  
*or* COM 210 Interpersonal Communication

2. Either PSY/SOC 300 Group Dynamics, *or* PSY/SWK/CHM 380 Counseling,  
*or* BUS 370 Organizational Behavior

3. COM/PSC 310 Conflict Resolution

4. PSC 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 PSC 410 or concurrently with it).

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

## PSYCHOLOGY

(B.A. or B.S. Degree)

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**RELIGION**

(B.A. Degree)

**Major Requirements**

Requirements for a major in r

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 will not be held to the sophomore-year deadline but should see a social work advisor as soon as is feasibly possible.
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)

- SWK 180 Social Work Introduction
- SOC 200 Social Problems
- SOC 260 Social Theory
- SWK 330 Human Behavior in the Social Environment
- SOC 340 Statistical Procedures
- SWK 361 Social Policy I
- SWK 362 Social Policy II
- SOC 390 Research Seminar
- SWK 391 Social Work Practice I
- SWK 392 Social Work Practice II
- SWK 393 Social Work Practice III
- SWK 475 Field Experience/  
Practicum I
- SWK 476 Field Experience/  
Practicum II
- SWK 477 Field Experience/  
Practicum III
- SWK 490 Senior Seminar

Required Supporting Courses (6 hours)

*Either* PSC 210 American Government  
*or* PSC 240 State & Local Government  
SWK 310 Lifespan Human  
Development

SOC 150 Principles of Sociology, PSY 150 General Psychology and BIO 100 Foundations of Biology are required as part of the general education program.

### SOCIOLOGY

(B.A. or B.S. Degree)

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 society.

For information, contact the Sociology Department at (610) 397-3122 or visit the Sociology Department website at [www.socology.org](http://www.socology.org).

## **TEACHER EDUCATION**

### **Policies and Procedures**

The teacher education program at George Fox University is designed to prepare teachers for the public and private schools through a curriculum that pyramids from a  
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## **Special Students: Teaching Credential Only**

Students holding college degrees who enroll at George Fox University for the purpose of qualifying for an Oregon Basic Teaching Certificate must be advised by the Director of Undergraduate Teacher Education prior to enrollment in courses.

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## UNDERGRADUATE PROGRAMS SECONDARY EDUCATION

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EDU 475 Student Teaching II  
EDU 490 Senior Seminar  
GED 240 Perspectives in Education  
GEO 200 Cultural Geography and  
Global Relationships  
HEA 310 School Health Program  
PSY 311 Human Development:  
Infancy to Adolescence  
HHP 231 Developmental Activities,  
Games, and Stunts  
GED 220 Survey of Art  
GED 110 World of Music

in the student's choice of one of the following concentrations:

♦ **BIOLOGY CONCENTRATION**

- BIO 101, 102 General Biology
- BIO 350 Genetics
- BIO 360 Ecology
- BIO 370 Microbiology

♦ **FAMILY AND CONSUMER SCIENCES CONCENTRATION**

- FCS 120 Apparel Construction
- FCS 211, 212 Foods I, II
- FCS 220 Fashion and Society
- FCS 440 Early Childhood Education Practicum

♦ **PHYSICAL EDUCATION CONCENTRATION**

- HHP 200 History and Principles of Physical Education
- HHP 360 Organization and Administration of Health and Physical Education
- HHP 430 Exercise Physiology
- HHP 450 Kinesiology
- HHP 460 Physical Education for the Exceptional Student
- HHP 470 Motor Development and Motor Skill Learning

Two hours from professional activities courses:

- HHP 221-229, HHP 231-232

**LANGUAGE ARTS TEACHING**

(B.A. Degree)

**Major Requirements**

The following 44 semester hours are required:

♦ **COMMUNICATION ARTS**

- Either* THE 120 Introduction to Acting *or* THE 220 Oral Interpretation of Literature
- THE 360 Improvisational Theatre Workshop
- COM 230 Mass Media and Popular Culture
- COM 340 General and Cultural Linguistics

♦ **LITERATURE**

- LIT 231, 232 Masterpieces of World Literature
- LIT 331, 332 American Literature
- LIT 350 Literary Criticism
- LIT 431, 432 English Literature

♦ **WRITING**

- WRI 200 Interpreting Literature

Two courses from the following:

- WRI 230 Introduction to Journalism
- WRI 250 Biography and Autobiography
- WRI 330 Writing for Publication
- WRI 350 Creative Writing

One elective course in the major

Note: In addition to these requirements, the general education component includes PSY 150 General Psychology, and SOC 150 Principles of Sociology.

**MATHEMATICS TEACHING**

(B.S. Degree)

**Major Requirements**

The following 42 semester hours are required:

- MTH 201, 202, 301 Calculus I, II, III
- MTH 211 Innovations in Teaching

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MUS 430 Instrumentation and



**THEATRE:  
INTERDISCIPLINARY  
MAJOR**

(B.A. Degree)

**Major Requirements**

An interdisciplinary major may be elected through application and approval of the Communication Arts Department and theatre faculty. The student application must sho



## ACCOUNTING

*Additional courses are listed under Business and Economics.*

### **ACC 271, 272 Principles of Accounting**

3 hours each semester. An introduction to accounting from a user perspective. The first semester will emphasize financial accounting.

The second semester will continue consideration of financial accounting and also present topics in cost and managerial accounting. The mechanics of accounting will be covered on a limited basis in both semesters; however, the primary focus will be upon application accounting for managers. Prerequisite: BUS 110 Introduction to Business.

### **ACC 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 students with a concentration in accounting and is to be taken concurrently with ACC 272 Principles of Accounting. Prerequisite: ACC 271 Principles of Accounting.

### **ACC 350 Principles of Taxation**

3 hours. Offered 1998-99. A study of the federal tax structure, including concepts and policies that shape the tax laws. The course will emphasize federal tax laws that relate to individual taxpayers. The relationship between accounting principles and tax law will be examined. Prerequisite: ACC 272 Principles of Accounting.

### **ACC 371, 372 Intermediate Accounting**

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: ACC 272 Principles of Accounting and ACC 273 Accounting Information Systems.

### **ACC 471 Advanced Accounting**

4 hours. Offered 1997-98. Accounting for specific types of entities such as partnerships and not-for-profit organizations. The accounting problems encountered in business combinations will be studied. Also covered will be major cost and managerial topics, such as job and process costing, standard costs, cost-volume-profit analysis, full costing and overhead determination and control. Prerequisites: ACC 272 Principles of Accounting and ACC 273 Accounting Information Systems.

### **ACC 472 Auditing**

4 hours. Offered 1998-99. An introduction to the standards and procedures observed by Certified Public Accountants in the examination of financial statements. Three types of audits will be examined: financial, compliance and operational. Special areas of study will include evaluation of internal control, ethical considerations, legal environment, the auditor's report, and evidence-collecting and evaluation procedures. Prerequisite: ACC 371 Intermediate Accounting.

## ART

*Survey of Art is offered under GED 220.*

### **ART 101, 102 Basic Design**

3 hours each semester. ART 101 is an introduction to materials, techniques and theory related to two-dimensional design. ART 102 focuses on three-dimensional design. Hands-on projects are the primary learning mode. ART 101 may be taken as an alternative to Survey of Art in meeting the general education requirement.

### **ART 111, 112 Drawing**

3 hours each semester. This course

is a study of materials, methods and iona 7. gTj 1.06iona 7.

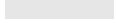
**ART 241 Beginning Ceramics**

3 hours. Introduction to basic hand-building techniques and surface design.

**ART 250 Introduction to Graphic Design**

3 hours. I





**BIO 312 Plant Morphology**

4 hours. Offered 1997-98. A survey of vascular and nonvascular plants emphasizing form, reproduction and classification. Three lectures and one three-hour laboratory period per week. Prerequisites: BIO 101, 102 General Biology. 2.274. 8. A sur

**BIO 491, 492 Senior Seminar**

1 hour each semester. The methodology of science, history of scientific research and current topics. Guidance in the selection of a thesis research topic by each major leading to acceptable design, experimentation, presentation, peer review and publication of results. For biology majors and minors with senior standing only.

**BIO 495 Biological Research**

1-4 hours. Specific instructional programs, laboratory or field research, or independent study as planned under an advisor. A total of not more than four hours may be applied toward the major. For upper-division biology majors only. By permamd2F

**BUS 420 Advertising and Promotion**

3 hours. Offered 1997-98. Consideration of promotional strategies, with particular emphasis on evaluation and selection of advertising media, public relations, selling and management of the promotion mix. P

**CHE 390 Organic Synthesis and Analysis**

3 hours. Offered 1997-98. This course will emphasize advanced laboratory techniques for the synthesis, isolation and identification of organic compounds. Spectroscopy will be emphasized for the analysis of compounds. Advanced separation techniques such as gas chromatography and vacuum distillation will be studied. One lecture and two three-hour laboratory periods per week. Prerequisite: CHE 325, 326 Organic Chemistry.

**CHE 401, 402 Physical Chemistry**

4 hours each semester. An introduction to modern theoretical chemistry emphasizing classical and statistical thermodynamics, quantum mechanics, molecular structure, spectroscopy and kinetics. Three lectures and one three-hour laboratory per week. Prerequisites: CHE 111, 112 General Chemistry, MTH 301 Calculus wu[, and either PHY 202 General Physics or PHY 212 General Physics with Calculus.

**CHE 410 Advanced Chemical Measurements**

3 hours. Offered 1998-99. Principles and techniques of modern instrumental physicochemical and analytical measurements. Literature search

**CHM 391 Shared Praxis I: Introduction to Educational Ministry**

4 hours. An exploration of an individual's call to ministry and a study of present praxis in Christian educational ministry, with emphasis on storytelling and community building.

This is the first of four semesters. Department interview required.

**CHM 392 Shared Praxis II: The Christian Story and Vision**

4 hours. A study of the faith life of the Christian community, expressed through Scripture, traditions, liturgies, theology and church history, as it relates to Christian educational ministry. This is the second of four semesters. Prerequisite: CHM 391 Shared Praxis I: Introduction to Educational Ministry.

**CHM 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.

**CHM 440 Camp Administration**

2 hours. Offered 1998-99. Designed to develop a basic understanding of programming, business and leadership at an administrative level. A weekend camping trip is required. (Identical to HHP 440.) Prerequisite: CHM 370 Camp Programming and Counseling, or permission of the instructor.

**CHM 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 application.

**CHM 485 Selected Topics**

2 hours. A seminar on a topic chosen by the professor. Open to upper-division majors and others by permission.

**CHM 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: CHM 392 Shared Praxis II: The Christian Story and Vision.

**CHM 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: CHM 491 Shared Praxis III: Methods and Skills in Ministry.

**CHM 495 Special Study**

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

**COMMUNICATION ARTS**

**COM 100 Introduction to Communication**

3 hours. An introduction to the study of human communication. Application of communication principles to interpersonal, group and public contexts. Particular emphasis on the practice of public speaking. Students will prepare and deliver several oral presentations.

**COM 200 Persuasive Communication**

3 hours. A presentation of key principles of persuasion as they are reflected in typical organizational communication contexts. Focus on developing a planning sequence that will function as a practical guide for designing, executing and evaluating communication events. Students will be expected to develop a "real world" communication event, e.g., publicity campaign, speech, newsletter, etc. Prerequisite: COM 100 Introduction to Communication, or equivalent.

**COM 210 Interpersonal Communication**

3 hours. Theoretical and reflective study and guided experience in dyadic and small group communication, with attention given to interpersonal communication, listening behavior, nonverbal communication and conflict resolution. P

## **COM 305 Professional Communication Activities**

1-3 hours. Offered each term. Structured to give students experience in "real world" communication events, generally on campus. May be repeated for a maximum of six hours total. Prerequisite: Permission of the instructor. (Pass/no pass only.)

## **COM 310 Conflict Resolution**

3 hours. Offered 1997-98. A study of communication principles found useful in managing conflict productively. Focus given to conflict occurring in institutional and organizational settings between individuals and groups, but attention also given to conflict in interpersonal, national and international settings. (Identical to PSC 310.)

## **COM 320 Introduction to Public Relations**

3 hours. A course designed to introduce and develop a clear concept of public relations as a communication profession. Topics to be covered include the function of public relations in both public and private enterprises; the process of planning and implementing a public relations communication campaign; techniques for communicating with various publics; and the laws and ethics governing the

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**CVP 320 Dramatic Scriptwriting**

3 hours. Offered 1997-98. An introduction to the art of dramatic writing for television and film. Dramatic structure, plot scenarios, dialogue, characterization and moralization are among several topics examined and exercised. The writing experience is complemented through an examination of the business aspects of writing, including spec-scripts, agents and the Hollywood system.

**CVP 340 Video/Audio Systems**

3 hours. Offered 1998-99. A study of video and audio system components, their operation and interrelationships. The video module includes study of the video camera, recording systems, waveform monitors and signal processing equipment. The audio portion of the class studies acoustics, microphones and sound recording/editing.

**CVP 350 Editing mentation examid r**



**CIS 322 Systems Development Seminar**

2 hours. Offered 1997-98. Projects initiated in CIS 321 Software Engineering are completed. Students will work in teams in these large-systems development projects.

Prerequisite: CIS 321 Software Engineering.

**CIS 330 Computer Graphics**

3 hours. Offered 1998-99. An introduction to the concepts of computer graphics, particularly those used with microcomputers.

Basic programming and mathematical tools used in producing graphics are explored and applied in several projects. Prerequisites: CIS 201 Introduction to Computer Science and MTH 190 Pre-Calculus Mathematics.

**CIS 340 Database Systems**

3 hours. Offered 1997-98. A study of the organization of database systems for information storage, retrieval and security. Examples of hierarchic, network and relational-based systems

are presented. Prerequisite: CIS 201 Introduction to Computer Science.

**CIS 350 Data Communications and Networks**

3 hours. Offered 1998-99. An introduction to the field of communications among computers and computer systems, with an emphasis placed on LANS (Local Area Network Systems). Students will experience the installation of one or more network systems.

**CIS 410 Assembly Language Programming**

3 hours. Offered 1998-99. An introduction to programming in assembly language on the IBM-PC. By writing several programs at a level closer to the actual machine language of the computer, the student will gain insights into its architecture and structure. Prerequisites: CIS 201, 202 Introduction to Computer Science.

**CIS 420 Structures of Programming Languages**

3 hours. Offered 1998-99. A study of the basic design of computer programming languages, with the greater emphasis placed on semantics (over syntax). A comparative analysis is made among several of the common languages. Prerequisites: CIS 201, 202 Introduction to Computer Science.

**CIS 460 Operating Systems**

3 hours. Offered 1998-99. A study of the organization and architecture of computer systems. The major principles of operating systems are presented, along with case studies involving actual operating systems. Prerequisite: CIS 202 Introduction to Computer Science.

**CIS 470 Operations Research**

3 hours. Offered 1997-98. An introduction to the mathematical tools useful in the study of optimization, with particular emphasis on linear programming. Additional topics include queuing theory, integer programming and simulation. (Identical to MTH 470.) Prerequisites: MTH 190 Pre-Calculus Mathematics, and CIS 130 Programming the Personal Computer, or equivalent.

**CIS 475 Field Experience**

1-3 hours. Supervised experience with an off-campus industry, business or institution, using computer science or data processing. For upper-division computer information science majors only.

**CIS 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.

3 hours. Offered 1998-99. The theory and practice of international trade, economic cooperation, foreign exchange, and international finance and financial institutions. (Identical to INS 350.) Prerequisites: ECO 201 Principles of Microeconomics and ECO 202 Principles of Macroeconomics.

**ECO 360 G**

**EDU 375 Student Teaching I**

1 hour. A laboratory experience consisting of general and specific assigned tasks managing and instructing pupils and assisting teachers in classrooms; 70-90 hours of field work.

**EDU 380 Integrated Methods: Science and Social Studies**

4 hours. Advanced methods including development and teaching of a work sample. Focus on reading, with additional attention to the specialized methods for science, social studies and math.

Measurement, use of media and curriculum development. EDU 375 Student Teaching I must be taken concurrently.

**EDU 390 Integrated Methods for Secondary Teachers**

5 hours. (2 hours for home economics, music and physical education teaching majors.) Methods Secondary is a course which acquaints the student with generic methods of teaching, including objectives, lesson plans, units of instruction and assessment of pupil learning as applied in teaching; discipline-specific methods. Students will also be introduced to the method teaching of a Work Sample. Field experience will be a major component of this course. EDU 375 Student Teaching I must be taken concurrently.

**EDU 401 Integrated Methods: Literature and Language**

4 hours. Survey of children's literature genre and uses. Methods and materials of language arts teaching in the areas of listening and speaking and of spelling and handwriting instruction.

**EDU 402 Integrated Methods: Literature and Literacy**

4 hours. Methods and materials for language arts teaching in the areas of reading and writing, with an emphasis on the use of children's literature.

**EDU 410 Teaching Physical Education K-12**

3 hours. Competence development in teaching physical education for the physical education major. Emphasis on physical education for the physical education major.

# UNDERGRADUA

**ESL 070 ESL Freshman Experience**

2 hours. Offered fall semester. An introduction to life at George Fox University.

Through various group activities, beginning/low intermediate-level students learn about life on campus, Christianity and chapel, study skills, 71612 -792/lo

**FAMILY AND CONSUMER  
SCIENCES**

**FCS 370 Patter**

**FRE 310 Introduction to French Literature**

3 hours. Offered 1998-99. A one-semester introduction to French literature. This course will introduce students to selected masters and periods of French literature. Taught in French. Prerequisite: FRE 202 Second-Year French, or instructor's consent.

**FRE 350 French Culture and Civilization**

3 hours. Offered 1998-99. An introduction to the culture and civilization of France. Areas of study may include history, art, music, intellectual schools, current events, etc. Taught in French. Prerequisite: FRE 202 Second-Year French, or instructor's consent.

**FRE 495 Individual Research or Field Work**

1-4 hours. Individual study under the guidance of a faculty member, as determined by student needs and faculty availability. Students must have permission of the faculty member to enroll.

**GENERAL EDUCATION**

*The following list includes both required general education courses and cross-disciplinary elective courses that serve particular purposes.*

**GED 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.

**GED 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 and to the tools useful in biblical study. The major religious themes of the Bible and their literary forms also will constitute an important part of the year's work. Freshmen are required to take this course, or a three-hour lower-division Bible elective given a superior placement examination.

**GED 110 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.

**GED 130 Freshman Seminar**

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 a faculty 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.

**GED 271, 272 Sophomore Honors Colloquium**

**GED 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: Consent of instructors and the Intensified Studies Committee.

**GED 210A Career Alternatives**

1 hour, 1/2 semester. This course is designed to provide a basis for lifelong career decision making. Completing self-awareness instruments, researching and analyzing career options, and exploring the meaning of work and trends in the workplace will enable the student to set career goals and more confidently select a major field of study.

**GED 210B Employment Strategies**

1 hour, 1/2 semester. This course is designed to solidify the basis for lifelong career decision making. A career identity, including talents, values and interests, will be reaffirmed, and a specific career direction established. Job placement strategies, such as résumé writing, interviewing, job search, and making a transition, are addressed.

**GED 220 Survey of Art**

2 hours. A survey of the elements and concepts of art theory and practice as reflected in culturally and historically significant painting, sculpture, architecture, and other art forms. Recommended for the sophomore year or above.



**GED 240 Perspectives in Education**

2 hours. An overview of history and social issues in education and an exploration of teaching as a career. Introduction to the teacher education program at George Fox University. Includes 30 class hours of field experience. Sophomore or junior standing required. Required for elementary and secondary teaching majors.

**GED 375 Cultural Experience**

Maximum 12 hours. Supervised experience in a cultural setting that con



**HST 320 History of the Middle East**  
3 hours. Offered 1997-98. Explores the political, economic, social and religious developments in the Middle East from the ancient to the modern era, with emphasis on the latter period.

**HST 330 The American West**  
3 hours. Offered 1998-99. Examines the relationship of the American West to the rest of the nation through its exploration, settlement and development. Special attention is given to the Pacific Northwest and to the Native American experience.

**HST 331 England to 1688**  
3 hours. Offered 1997-98. The growth of the English nation from Roman times to the Glorious Revolution, with special attention given to constitutional and religious development.

**HST 332 England Since 1688**  
3 hours. Offered 1997-98. England in the modern age, emphasizing the response of its institutions to its rapidly changing role in the European and world communities.

**HST 350 Latin America**  
3 hours. Offered 1998-99. Latin American countries from colonial times to the present, with an emphasis on the conditions that have led to the crises of recent years.

**HST 360 Modern Russia**  
3 hours. Offered 1997-98. A study of 20th-century Russia and other former Soviet republics, with emphasis on their current significance in the world and the factors in their history that brought the Revolution of 1917 and the collapse of the Soviet Union.

**HST 370 Far East**  
3 hours. Offered 1997-98. Political and cultural developments of China and Japan.

**HST 380 The African-American Experience in the United States**  
3 hours. A study of Africans in an America dominated by those of European descent.

**HST 390 Peace Research**  
1-3 hours. Directed research on peace subjects, both current and historical. Students will normally write a major research paper. (Identical to PSC 390.)

**HST 401 Christianity in History**  
3 hours. Offered 1997-98. 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 REL 401.)

**HST 402 Christianity in History**  
3 hours. Offered 1997-98. Christianity's development from the dawn of the Protestant Reformation through its global spread during the modern era, observing its historical context and relationship to the surrounding cultures. (Identical to REL 402.)

**HST 421 Europe 1789-1890**  
3 hours each term. Offered 1998-99. European political, economic, cultural and intellectual developments from the French Revolution to the fall of Bismarck.

**HST 422 Europe 1890-Present**  
3 hours. Offered 1998-99. Europe in the 20th century, with emphasis on the upheavals of the two world wars and the status of the European states today.

**HST 430 The Vietnam Experience**  
3 hours. Offered 1998-99. A study of the culture and counterculture of the 1960s and early 1970s, particularly as impacted by the war in Vietnam; a study of patriotism and protest.

**HST 440 History of Africa**  
3 hours. Offered 1997-98. A study of the history and culture of Africa from the 15th century to the present, with emphasis on the last 200 years. Native cultures are examined, as is the role of European and Middle Eastern imperialism in the shaping of modern Africa.

**HST 458 The Making of the American Republic, 1754-1825**  
3 hours. Offered 1998-99. Studies the world of the Founders. Emphasis is placed on the ideological, social and political milieu which gave birth to the American Revolution and Constitution. The course also considers the radical changes in American society the revolution set in motion.

**HST 459 The Era of the Civil War, 1825-1898**  
3 hours. Offered 1998-99. 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 conflict some historians call "the crossroads of our being."

**HST 468 America in the Time of the Two World Wars, 1898-1945**  
3 hours. Offered 1997-98. Considers how economic growth and then depression challenged the American government and people to redefine the American Dream and to discover new avenues for achieving it. At the same time, Europe confronted America with two world wars which also changed the nature of American society and the role of the U.S. in the world.

**HST 469 Recent America, 1945 to the Present**  
3 hours. Offered 1997-98. Studies America as the leader of the western world during the Cold War and how that role impacted the social, economic, intellectual and political currents in American life. This course also examines the rise of interest groups, the increased political prominence of ethnic and women's groups, and the impact of these groups on American culture.

**HST 470 The Reformation Era**

3 hours. Offered 1998-99. The political, social and religious life of Europe from the beginning of the Renaissance to the Peace of Westphalia, with emphasis on the various reform movements and their impact on the modern world.

**HST 475 Field Experience**

2-10 hours. Supervised experiences in museums, historical societies and government agencies. For upper-division history majors only, by permission.

**HST 485 Selected Topics**

3 hours. Occasional special courses scheduled to fit the interests of students and faculty and the needs of a shifting society. A course in presidential elections is offered in presidential-election years.

**HST 490 History Seminar**

3 hours. Required of history and social studies teaching majors. The course examines the methods professional historians use in writing history and the main currents in American historiography through the reading of America's most influential historians. Working closely with the instructor, students are required to write a research paper based on primary sources. The paper will be permanently retained by the history faculty.

**HST 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 history majors only, by permission.

**HUMAN PERFORMANCE**

*Additional courses are listed under Health Education.*

**HHP 200 History and Principles of Physical Education**

2 hours. Offered 1998-99. A survey of the history and development of physical education and athletics in America. The course will also emphasize fundamental principles of physical education and sport.

**HHP 221 Basketball/Golf**

1 hour. Offered 1998-99. Intermediate to advanced instruction in skills, teaching techniques, rules and strategy for basketball and golf.

**HHP 222 Field Sports**

1 hour. Offered 1998-99. Intermediate to advanced instruction in skills, teaching techniques, rules and strategy. Flag football, soccer, speedball and korfbal are emphasized.

**HHP 223 Tumbling/Gymnastics**

1 hour. Offered 1997-98. Intermediate to advanced instruction in skills, teaching techniques, spotting and safety factors involved in tumbling and gymnastics.

**HHP 226 Tennis/Volleyball**

1 hour. Offered 1997-98. Intermediate to advanced skills and techniques, with emphasis on learning how to teach basic skills and drills. Tournament organization and game administration are included.

**HHP 227A Aquatics: Lifeguarding**

1 hour. Advanced skills in water safety, rescue and stroke technique. Red Cross Lifeguarding Certification is offered. Prerequisite: Instructor approval.

**HHP 227B Aquatics: Water Safety Instruction**

2 hours. Advanced skills in water safety and stroke instruction techniques. Red Cross Certification is offered. Prerequisites: Current CPR, First Aid, Basic Water Safety, Emergency Water Safety, and instructor's approval.

**HHP 228 Conditioning/Body Mechanics and Aerobics**

1 hour. Offered 1997-98. Instruction in concepts related to developing and maintaining physical fitness and movement skills.

**HHP 229 Folk and Western Dance**

1 hour. Instruction in basic and intermediate skills in rhythmic activities, international folk dance and Western dance.

**HHP 231 Developmental Activities, Games and Stunts**

1 hour. Emphasis on teaching and development of mechanics of movement, games of low organization, fundamental sports skills, stunts and tumbling, and self-testing activities.

**HHP 232 Recreational Games, Badminton and Archery**

1 hour. Offered 1998-99. Intermediate to advanced instruction in skills, teaching techniques, rules and strategy for archery, badminton and recreational games.

**HHP 295 Special Study**

1-3 hours. Individual research under the guidance of the faculty. Prerequisite: Consent of the instructor.

**HHP 300 Coaching Theory and Practice**

2 hours. Offered 1998-99. The development of a philosophy of coaching. Emphasizes the psychological, sociological and technical aspects of athletic participation.

**HHP 310 Coaching Basketball**

2 hours. Offered 1997-98. An analysis of systems of play, principles of offense and defense, and strategies of the game. The organization of practice sessions, administration of games, and tech-

**HHP 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.

**HHP 480 Tests and Measurements in Physical Education**

2 hours. Offered 1998-99. Emphasis is given to methods of evaluation in programs of physical education. Testing procedures, standard tests, physical examinations and evaluation activities are discussed.

**HHP 485 Selected Topics**

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

**HHP 490 Senior Seminar**

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

**HHP 495 Special Study**

1-3 hours. Individual research under the guidance of the faculty. Prerequisite: Consent of the instructor.

**HPA 100-139/300-339 Human Performance Activities**

1 hour. Three hours of credit required for graduation. (One hour of health education may be applied to the required three hours.) Instruction in fundamental skills, rules and strategy. Personal selection may be made from a variety of sports, recreational and leisure-time activities as they are scheduled each semester.

**HPA 125 Adapted Activities**

1 hour. Three hours of credit required for graduation. Offered to those students who are unable to participate in regular physical education activities because of physical limitations. A statement from the student's physician is required.

**HPA 145/345 Intercollegiate Athletics**

1 hour. Two credits toward the physical education general education requirement may be earned in athletics, but no more than one hour in any one sport may be counted toward the requirement.

**INTERNATIONAL STUDIES**

**INS 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 GEO 200.)

**INS 310 Cultural Anthropology**

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

**INS 330 Introduction to the World Christian Movement**

3 hours. Offered 1998-99. The biblical basis and history of missions are considered, with a special focus upon the modern missionary movement of the last 200 years. (Identical to REL 330.)

**INS 340 International Relations**

3 hours. Offered 1998-99. Introduction to the principles and study of interstate rela- INS 200 0281160

## JAPANESE

### **JPN 101, 102 First-Year Japanese**

3 hours each semester. A study of the structures of the Japanese language, with practice in listening, speaking, reading and writing. The culture of Japan is presented as an integral component of language study.

### **JPN 201, 202 Second-Year Japanese**

3 hours each semester. A thorough review of Japanese language structures, with intensive practice in reading, speaking and writing. Language lab listening and interaction are required. Prerequisite: JPN 102 First-Year Japanese, or two years of high school Japanese, or by testing.

## LEADERSHIP STUDIES

### **LDR 475 Leadership Experience**

1-2 hours. Designed to provide students with an opportunity to develop their leadership skills through work or volunteer experience. All leadership experience proposals subject to the approval of the leadership studies program directors. Possible placements might include leading a church youth group, directing a social concern project, managing the campus radio station, or serving as a member of student government. (Pass/no pass only.)

### **LDR 490 Leadership Seminar**

1 hour per semester/4 semesters total. Integrative seminar linking leadership practicum, course work and readings. Topics include servant leadership, transformational leadership, and leadership development. Occasional retreats and other off-campus activities. Prerequisites: Application, instructor approval, 2.5 GPA. (Pass/no pass only.)

## LITERATURE

### **LIT 100 Introduction to Literature**

3 hours. An introductory course familiarizing students with the major genres, themes and elements of literature.

### **LIT 231 Masterpieces of World Literature, Western**

3 hours. An introduction to selected works in Western literature from the classical to modern periods, stressing those themes and forms that exemplify the ideals and concerns of our shared human condition.

### **LIT 232 Masterpieces of World Literature, Non-Western**

3 hours. An introduction to selected works in non-Western literature, stressing those themes and forms that exemplify the ideals and concerns of our shared human condition.

### **LIT 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 symbolic form. Primary focus is on literary values, with attention also given to the constraints and interpretations embodied in the stag

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**LIT 340 Poetry**

3 hours. A study of poetry as a distinct literary form, including the major genres of poetry and the strategies for reading and analyzing poems, including the use of figurative language, scansion and symbolism. The course will explore the interaction of form and content and the relationship of text to context. Prerequisite: LIT 100 Introduction to Literature, or consent of the instructor.

**LIT 350 Literary Criticism**

3 hours. A course that provides students with background information about schools of literary criticism. Students will practice using different critical approaches to writing about literature. Recommended for sophomores and juniors. Prerequisite: Six hours of literature courses or permission of the instructor. Prerequisite: LIT 100 Introduction to Literature, or consent of the instructor.

**LIT 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. Prerequisite: LIT 100 Introduction to Literature, or consent of the instructor.

**LIT 385 Major Authors**

3 hours. A course that 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: LIT 100 Introduction to Literature, or consent of the instructor.

**LIT 431 English Literature to 1785**

3 hours. A selective look at the literature of the British Isles from Anglo-Saxon times to 1785. Themes, movements and genres will be discussed. Prerequisite: LIT 100 Introduction to Literature, or consent of the instructor.

**LIT 432 English Literature, 1785 to Present**

3 hours. A selective look at the literature of the British Isles from 1785 through the present. Themes, movements and genres will be discussed. Prerequisite: LIT 100 Introduction to Literature, or consent of the instructor.

**LIT 440 A Study of the Modern Novel**

3 hours. An examination of the modern novel as a distinct literary form. Discussions of such issues as the relationship between novelistic structure and ideology, of social conventions, and conventions of fiction combined with the analysis of important world writers.

**LIT 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.

**MANAGEMENT OF HUMAN RESOURCES**

**MHR 401 Dynamics of Group and Organizational Behavior**

3 hours. Course content focuses on group behavior and how group functioning affects organizational effectiveness. Emphasis is placed on effective decision making and managing and resolving conflict in groups. Students learn strategies for developing high-quality and effective groups. (Identical to MOL 401.)



**MHR 404 O**

**MOL 405B Survey Research Methods**  
3 hours. Methods for defining, researching, analyzing and evaluating problems are emphasized. Course content includes identifying and measuring objectives, questionnaire construction, and applying descriptive statistical procedures associated with data collection and analysis. (Identical to MHR 405B.)

**MOL 406 Principles of Management and Supervision**  
3 hours. This course provides an overview of management and leadership theory and examines the roles of first-line managers in fulfilling the mission and goals of an organization. A master simulation exercise places students in a managerial position throughout the course. Students are expected to apply management theory as they make decisions to solve organizational problems during this simulation. Students examine their own management and leadership skills through reflective exercises. The course examines the important role managers play in fulfilling the human resource function in an organization.

**MOL 407 Christian Faith and Thought**  
3 hours. The roots and origins of the Christian faith are investigated, with specific focus on how it relates to one's personal values system. The course also focuses on the history of Christianity, the influence of Christianity upon society, and how the Christian faith relates to managing people. (Identical to MHR 407.)

**MOL 409 Values and Ethics in the Workplace**  
3 hours. Ethical theory and personal values are used to examine case studies from a variety of organizational settings. Accountability in government, human rights, and business are covered in readings and classroom discussions.

**MOL 410 Fiscal and Operational Management**  
3 hours. This course examines fiscal information for managerial purposes. The focus is on fiscal and operational functions and their interrelationship within an organization. Course content includes control tools and techniques, as well as discussion and

application of the manager's role in setting standards and controlling organizational outcomes.

**MOL 485 Saturday Seminars (6)**  
3 hours. Contemporary trends and themes of special interest in management or the liberal arts are discussed. Leadership comes from the George Fox University faculty, business and industry, and public leaders. Themes include personal growth and fulfillment, advances in science and technology, conflict resolution in a competitive world, community service by persons and corporations, and Christian responses to current issues. (Identical to MHR 485.)

**MOL 495 Senior Research Project**  
3 hours. Throughout the Management and Organizational Leadership program, students plan, implement and report on a survey research project. The project examines an organizational problem in the student's occupation or environment. Results are published and presented at the conclusion of the program.

## MATHEMATICS

**MTH 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 non-mathematics and non-science 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.

**MTH 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.

**MTH 190 Pre-Calculus 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: MTH 120 Intermediate Algebra, or its equivalent.

**MTH 195 Calculus for Teachers**  
3 hours. A nontheoretical course designed to give an overview of the nature and power of the calculus. An introduction to differential and integral calculus, with particular reference to the relationship between secondary math and its use in the calculus. This course fulfills part of the requirements leading to a basic endorsement in mathematics for teaching mathematics through Algebra I.

**MTH 201, 202, 301 Calculus I, II, III**  
4 hours each semester for MTH 201, 202; 3 hours for MTH 301. A study of differential and integral calculus, including functions of more than one variable. Additional topics include vector geometry, infinite series and applications. Prerequisite: MTH 190 Pre-Calculus Mathematics, or equivalent.

**MTH 211 Innovations in Teaching Basic Mathematics**  
3 hours. A study of arithmetic structures of mathematics, statistics, probability, inference, and data analysis.

**MTH 240 Statistical Procedures**

3 hours. Statistical procedures for the social sciences. Emphasis on the development of a basic knowledge of the statistical tools available for the analysis of problems and issues in the social sciences. (Identical to PSY 340 and SOC 340.)

Prerequisite: High school algebra or equivalent.

**MTH 290 Mathematical Logic**

3 hours. Offered 1997-98. This course is intended to facilitate a smooth transition from lower-level

**MUA 105/305 Applied Strings**

1 or 2 hours. Instruction on violin, viola, cello and string bass. Basic fundamentals, posture, bow and arm technique 37 729.571stur

**♦ THEORY AND LITERATURE**

*The World of Music is offered under GED 110.*

**MUS 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.

**MUS 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.

**MUS 111, 112 Introduction to Music Literature**

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

**MUS 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.

**MUS 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.

**MUS 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 MUS 121, 122 Theory I, which should be taken concurrently.

**MUS 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. It is required of all music majors who have not yet met the piano proficiency skill level. 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.

**MUS 140 O**

**MUS 285 Selected Topics**

1-2 hours. Subjects are offered reflecting music faculty expertise on topics of interest to students.

**MUS 310 Counterpoint**

2 hours. Offered on demand. Principles of 18th-century polyphony. Detailed study of the works of J. S. Bach and his contemporaries. Original composition required. Prerequisites: MUS 221, 222 Theory II.

**MUS 311, 312 Music History**

3 hours each semester. A study of the development of music from antiquity through the 20th century. Comparisons are made to the development of the other arts. Concentrated study of music literatur

**PHL 380 History of Philosophy**

4 hours. Offered 1998-99. As a study of the philosophical systems in their historical development, particularly in the civilization of the West, this course encompasses the ongoing dialogue between religious and secular pursuits of truth. Prerequisite: PHL 210 Introduction to Philosophy.

**PHL 485 Selected Topics**

2 hours. A seminar on a topic chosen by the professor. Open to upper-division majors and others by permission.

**PHL 495 Special Study**

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

**PHYSICS****PHY 150 Physics of Everyday Life**

3 hours. A relevant and practical introduction to everyday physical phenomena through a conceptual survey of various physics topics, including motion, energy, sound, light, electricity and relativity. No mathematical background is required. This course meets the general education requirement and is designed for non-science majors. Two lectures and one laboratory period per week.

**PHY 201, 202 General Physics**

4 hours each semester. Mechanics, thermodynamics, electricity and magnetism, wave motion and optics, and modern physics, using algebraic methods for analysis. Prerequisite: MTH 190 Pre-Calculus Mathematics.

**PHY 211, 212 General Physics with Calculus**

4 hours each semester. Mechanics, thermodynamics, electricity and magnetism, wave motion and optics, and modern physics, using calculus methods for analysis. Prerequisite: MTH 201 Calculus I.

**POLITICAL SCIENCE****PSC 210 American Government**

3 hours. Offered 1998-99. The theory and practice of the federal government and the study of key issues in government in general.

**PSC 220/420 War and Conscience in the United States**

3 hours. Offered 1997-98. 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, and the world wars; 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 HST 220/420.)

**PSC 240 State and Local Government**

3 hours. Offered 1998-99. The origins, evolution, structure and present functions of state, county and city government, with

**PSC 410 Community Mediation**

3 hours. Offered 1997-98. A study of mediation skills and their uses in community disputes, including neighborhood conflicts, public policy issues, and as court-annexed alternatives to litigation. Students also will examine the impact of mediation on democratic political theory, on the theory underlying our adversarial legal system, and on Christian views of conflict in the public arena.

**PSC 475 Field Experience**

2-12 hours. Supervised experiences in varied government agencies. For upper-division students only, by permission.

**PSYCHOLOGY**

**PSY 150 General Psychology**

3 hours. An introduction to the scientific study of human behavior. Major topics include the biological bases of behavior, sensation, perception, thinking, learning, memory, emotion, motivation, personality, social interaction, and abnormal behavior. One section

of the course will be available for Saking -15.76.294 TD ( syst.1 -1.2 fu94 per)Tlio -14.781 -1n5.yij 8.088 0 TD (10.8 0 0 1r topics)yemotion (-)Tj -16.548 0



**PSY 400 Psychometrics**

3 hours. Students will develop skills in understanding and critically evaluating educational and psychological tests (measures of ability, achievement, personality and vocational interest). Also, modern principles of "psychometrics"—data-based analysis of test items, scores and interpretations—will be emphasized, particularly the reliability and validity of items and scales. Students will have hands-on experience with various tests and will computer-analyze sample data from test development projects. Prerequisites: PSY 340 Statistical Procedures and PSY 390 Research Methods.

**PSY 410 Sensation and Perception**

4 hours. Offered 1997-98. Using psychophysical techniques, students will study sensory systems, including vision, audition, olfaction, taste, touch and kinesis. Students will measure sensory thresholds, as well as study perceptual phenomena such as illusions and the impact of experience and values on perception.

Classic

and current theories of perception and sensation will be discussed. Three lectures and one two-hour laboratory per week. Prerequisite: PSY 150 General Psychology. Recommended: PSY 340 Statistical Procedures, PSY 390 Research Methods.

**PSY 420 Abnormal Psychology**

3 hours. Offered 1998-99. A study of the nature, causation and treatment of the major psychiatric and behavioral disorders. Prerequisite: PSY 150 General Psychology.

**PSY 440 Psychology of Religion**

3 hours. This course will cover topics such as the human experience of the Divine, the psychology of religious development, the psychology of dogmatic beliefs, ritual religious psychopathology, the psychology of conversion, and the psychology of faith. The course will also discuss and critique the body of research on religious behaviors. Prerequisite: PSY 150 General Psychology.

**PSY 450 Systems of Psychology**

3 hours. The history of the various schools of psychology, their origins, distinguishing characteristics, major contributions, theoretical positions and contemporary issues

**REL 360 Cross-Cultural  
Christian Outreach**

3 hours. Offered 1997-98. Cross-

and ethnically diverse populations. Prerequisites: PSY 150 General Psychology, SOC 150 Principles of Sociology, SWK 180 Social Work Introduction, PSY 310 Lifespan Human Development. Required for majors.

**SWK 361 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. Prerequisites: SWK 180 Social Work Introduction, SOC 200 Social Problems, PSC 210 American Government or PSC 240 State and Local Government. Required for majors.

**SWK 362 Social Policy II**

3 hours. This course provides an in-depth analysis of how human needs and values are translated into social policy on both the national and international levels. Special attention is given to the ways in which values and power interests influence the creation of social policy. Examination of selected policies and programs in the areas of income, health, housing, human rights, employment, education, etc. Special attention is given to affirmative action, homelessness, feminization of poverty, and policy analysis and formulation both at the state and federal levels. Implications for generalist social work services will be explored via interactions with the state political system, trips to the state capital, etc. Prerequisites: SWK 361 Social Policy I. Required for majors.

**SWK 391 Social Work Practice I**

3 hours. A study of the micro-level skills that are needed for the generalist-practice social worker. This course

will cover theory and technique of person-centered counseling. The course is designed to teach basic theoretical postulates and to focus on effective intervention skills for those anticipating future work in Christian ministries, teaching, or mental health settings.

A prerequisite for field experience/practicum I (SWK 475). Prerequisite: PSY 150 General Psychology. Recommended: PSY 330 Personality Theories. Required for majors. This class is open to declared social work majors only.

**SWK 392 Social Work Practice II**

3 hours. A thorough consideration of principles underlying the social work profession and social welfare institutions in the U.S. Principles, policies and settings of both public and private agencies will be considered, with particular emphasis upon mezzo-level generalist social work. Prerequisites: SWK 180 Social Work Introduction, SOC 200 Social Problems, SWK 391 Social Work Practice I. Required for majors. This class is open to declared social work majors only.

**SWK 393 Social Work Practice III**

3 hours. An overview of methods of practicing generalist social work with macro-level groups and communities, with particular emphasis on expectations, goals and strategies. Appropriate simulated and actual experiential learning will be used. Prerequisite: SWK 392 Social Work Practice II. Required for majors. This class is open to declared social work majors only.

**SWK 400 Child Welfare Services**

3 hours. Offered 1997-98. Basic principles of child welfare, with emphasis upon the services needed and available for families and children needing various types of support. Focus is on developing a knowledge and understanding of child welfare and supporting services. Prerequisites: SOC 200 Social Problems and SWK 180 Social Work Introduction.

**SWK 475 Field Experience/ Practicum I**

3 hours (150 practicum hours in the agency). Recommended either fall or spring of the junior year. The first course of the field experience/practicum sequence will emphasize micro-practice concepts and address orientation to the agency environment; student roles and responsibilities; agency roles and responsibilities; confidentiality issues; nature and

process of supervision; establishing goals and objectives; models of integrating classroom learning with the field practicum; person-in-environment; interviewing techniques; identification of research and policy issues; work with special populations and injustices; process recordings; research methods in the agency; and ethical conduct/NASW code of ethics. Prerequisite: SWK 391 Social Work Practice I. Required for majors. This class is open to declared social work majors only.

**SWK 476 Field Experience/ Practicum II**

3 hours (150 practicum hours in the agency). Ideally, SWK 476 and 477 will occur in a full-year practicum during the student's senior year. The second course in the field experience/practicum sequence will build upon knowledge and experience acquired in SWK 475 and emphasize mezzo-practice concepts. Course topics will include work with small groups, families; integrating research and evaluation methods in the field experience/practicum; agency evaluation and analysis; referral processes; work with special populations/injustices; ethical dilemmas; ethical conduct/NASW code of ethics; agency recording process; and development of a student portfolio of practicum projects and skills. Prerequisites: SWK 475 Field Experience/Practicum I, SWK 392 Social Work Practice II, and SOC 340 Statistical Procedures. Required for majors. This class is open to declared social work majors only.

**SWK 477 Field Experience/ Practicum III**

3 hours (150 practicum hours in the agency). Ideally, SWK 476 and 477 will occur in a full-year practicum during the student's senior year. The third course in the field experience/practicum sequence will provide further depth and integration of theory, classroom learning and experience within the student's field experience/practicum, building on concepts developed in SWK 476 and emphasizing macro-practice concepts. Additional topics will include work with agency

boards, communities, governmental systems; implementation of a research project in the agency; community analysis; termination with clients and the agency; addressing social inequities in the student's field experience/practicum; work with special populations and injustices; policy issues; and ethical conduct/NASW code of ethics.

Prerequisites: SWK 476 Field Experience/Practicum II, SWK 393 Social Work Practice III, and SOC 390 Research Seminar. Required for majors. This class is open to declared social work majors only.

**SWK 485 Selected Topics**

1-3 hours. A special-interest class that addresses a relevant subject in the field of social work. Previous and projected subjects include, but are not limited to, administration and community planning; cognitive and behavioral theories; crisis and trauma recovery; current issues in social work; human behavior in the social environment; medical and mental health services; systemic and ecologic theories; social policy; and treating addictive behaviors. Limited to upper-division majors. Prerequisites: SOC 200 Social Problems and SWK 180 Social Work Introduction.

**SWK 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 macro-levels, and 5) methods of scientific inquir

**SOC 350 Social Psychology**

3 hours. Offered 1997-98. A study of the social and psychological processes of human interaction. Major topics to be covered include conformity, aggression, self-justification, persuasion, prejudice, attraction and interpersonal communication. (Identical to PSY 350.) Prerequisite: SOC 150 Principles of Sociology, or permission of the instructor.

**SOC 360 Prisons, Probation and Parole**

3 hours. Offered 1998-99. An introduction to the study of criminology, including theoretical paradigms and research. This is followed by a study of correctional institutions, including prisons, probation, parole and community corrections.

**SOC 380 Race, Ethnicity, Gender, and Class I**

3 hours. Offered 1997-98. An interdisciplinary study of the history, problems and present status, social attitudes, and generalist practice issues involved in working with persons of differing racial, ethnic, gender and class backgrounds in the United States. Prerequisites: SOC 150 Principles of Sociology, or by permission.

**SOC 390 Research Seminar**

3 hours. Emphasis is given to the development of research skills applied in the survey, community survey, and/or program evaluation research design. Students will complete a research project. Prerequisites: SOC 150 Principles of Sociology, SOC 260 Sociological Theory, SOC 340 Statistical Procedures. Required for sociology and social work majors.

**SOC 410 Juvenile Delinquency**

3 hours. Offered 1998-99. A study of the causes and nature of juvenile delinquency, the development of the juvenile court, probation and other rehabilitative programs. Prerequisite: SOC 150 Principles of Sociology, or permission of the instructor.

**SOC 450 Gerontology**

3 hours. A study of the aging process in its diverse social, psychological and physiological dimensions. An exploration of the aging network and its various services and programs will be a secondary focus of study. Prerequisite: SOC 150 Principles of Sociology, or permission of the instructor.

**SOC 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 SOC 475 Field Experience is required of majors. By permission.

**SOC 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. Limited to upper-division majors. Previous offerings

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**SPN 340 Spanish Culture  
and Civilization**

3 hours. Offered 1997-98. A one-semester introduction to the culture and civilization of the Spanish peninsula. Areas of study may include history, art, music, intellectual schools, current events, etc. Taught in Spanish. Prerequisite: SPN 202 Second-Year Spanish, or instructor's consent.

**THE 320 Advanced Approaches  
to Acting**

3 hours. Offered 1998-99. 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: Permission of the instructor.

**THE 340 Theatre as Ministry**

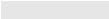
3 hours. Offered 1998-99. A consideration of theatre skills as tools for meeting human needs in essentially non-theatrical environments. Focus on drama as a service medium rather than as strictly an entertainment vehicle.

**THE 495 Individual Resear**









## **MASTER OF ARTS IN MARRIAGE AND FAMILY THERAPY (M.A.)**

The Master of Arts in Marriage and Family Therapy program of Western Evangelical Seminary provides the special training and expertise required for working effectively with couples and families. Graduates are prepared to become Licensed Marriage and Family Therapists, clinical members of the American Association for Marriage and Family Therapy and of the American Counseling Association's Specialization in Marriage and Family Counseling, as well as Licensed Professional Counselors.

The program is designed to help students understand persons as spiritual-psychological-physical-relational beings; to understand and articulate the core dynamics of marital and family systems in concert with sound biblical and theological principles; to acquire, refine and demonstrate appropriate master's-level clinical skills used in working with couples, families, and other relationship systems; to become aware of and able to use the various approaches to marital and family systems therapy in a manner that is commensurate with master's-level training, while at the same time to begin developing their own clinical home base and style; to begin the development of a professional identity as marriage and family therapists; and to work knowledgeably and with facility in a variety of clinical settings, such as private, institutional, community, ecclesiastical, and cross-cultural.

## **SEMINARY CERTIFICATE PROGRAMS**

### **Certificate in Marriage and Family Therapy**

Because the vast array of persons in the helping professions are faced with the need for expertise in their service to couples and families, the WES Graduate Department of Counseling offers training in services to enhance marital and family life, as well as therapy to intervene with couples and families in crisis. Helping professionals (licensed professional counselors, clinical psychologists, social workers, parole officers, pastors, youth workers, nurses, physicians, school counselors, attorneys, plus marriage and family therapists) who want and need to be more effective in their service to parents, couples and families can take advantage of a variety of educational and training opportunities at WES.

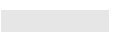
They may either take an occasional continuing education offering, or they may wish to enroll in the Certificate in Marriage and Family Therapy program that includes not only essential seminars and course work, but also a supervised clinical experience in marriage and family therapy in one or more community settings. Licensed Professional Counselors and others who hold at least a master's degree in counseling or a closely related field may qualify to pursue becoming a full clinical member of the American Association for Marriage and Family Therapy and an Oregon Licensed Marriage and Family Therapist. In addition, courses are available that lead to certification with the Association for Couples in Marriage Enrichment and Interpersonal Communication Programs, Inc.

### **Certificate in Spiritual Formation and Discipleship**

The purpose of the Spiritual Formation and Discipleship program is to provide for the intentional spiritual formation of students in an academic setting and to train discerning and gifted persons as spiritual guides in the Christian tradition. The program will foster in the student: the maturation of God's fullness within the individual; the habits of authentic disciplines for living in Christ's presence; the life of power in the Spirit and in communion with all God's people; the biblical, theological, psychological and historical foundations of spirituality; and the development of skills for individual spiritual direction and group spiritual formation.

### **Certificate for Spouses/Partners in Ministry**

The purpose of the Certificate for Spouses/Partners in Ministry program is to equip the spouse of a Western Evangelical Seminary student to be an effective partner in ministry; to assist the spouse in his or her own self development; and to acquaint the spouse with the expectations and stresses of ministry. The spouse of any degree-seeking student at Western Evangelical Seminary may participate. A bachelor's degree is not required. Courses are subject to a space-available basis, and scholarships are available to participants, but limited to the courses which make up the program.





## CLASSIFICATION OF STUDENTS

Classification is based upon the student's academic standing in terms of hours and grade points at the beginning of the semester. New students will be classified as regular or provisional students when entrance requirements have been met and official transcripts have been received and evaluated.

### Full-Time Students

Full-time students are enrolled for a minimum of 12 hours in a standard semester for the undergraduate program. Only full-time students may represent the University in an official capacity, may hold a major office in an organization, or may live in University housing.

### Regular Students

Students who have satisfied entrance requirements and are following a program leading to a degree are called regular students. They are classified as follows:

- Freshmen: Students who have completed fewer than 31 semester hours
- Sophomores: Students who have completed 31 semester hours
- Juniors: Students who have completed 62 semester hours
- Seniors: Students who have completed 93 semester hours

### Special Students

This classification includes degree and non-degree students generally enrolled for less than 12 semester hours. Any special student wishing to enter a degree program must fulfill regular admissions requirements.

### Probation and Provisional Students

A student whose cumulative grade point average falls below the level established for academic progress (See "Academic Progress and Eligibility," page 107) will be classified as a 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. All provisional undergraduate students are required to participate in the George Fox University Academic Success Program (see page 24).

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 WRI 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.

### AUDITORS

Subject to instructor approval, any regular or special student may audit courses from which he or she wishes to derive benefit without fulfilling credit requirements. This must be established with the Registrar at time of registration. Class attendance standards are to be met.

### REGISTRATION

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 the title "Course Numbering System" on page 30.

### ACADEMIC ADVISING

New freshmen may have received initial academic advisement by an admissions counselor. However, all new freshmen are assigned a freshman advisor as part of the Freshman Seminar Program. This advisor will serve as the academic advisor for the freshman year and will also teach a section of the Freshman Seminar course. Freshmen will select or be assigned a faculty advisor in their area of interest prior to pre-registration for the following year.

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

<i>Academic Load</i>	<i>Work</i>
15-17 semester hours	Not more than 18 hours
12-14 semester hours	Not more than 24 hours
10-12 semester hours	Not more than 30 hours

FRESHMEN: All freshmen are expected to register for WRI 110 Freshman Composition, in the first year. In addition, all freshmen are expected to register for GED 101, 102 Literature of the Old and New Testaments, physical education, and a general education sequence in the first year.

A common "rule of thumb" is to anticipate two hours of study for each hour of class. Classes that meet more frequently per week than the credit given will demand less outside study.

## COURSE ADDITIONS

- After classes begin, a late 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.

## COURSE WITHDRAWALS

- A student wanting to drop or 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, though not for complete withdrawal from the University.

- 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 calendar in this Catalog.

## THE GRADING SYSTEM

Semester grades are determined by the instructor's 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:

<i>Letter Grade</i>	<i>Meaning</i>	<i>Points Per Semester Hour</i>
A	Superior	4
A-		3.7
B+		3.3
B	Good	3
B-		2.7
C		

**Pass/No Pass Policy**

A student who has a cumulative GPA of 2.00 or better and who has completed 62 semester hours may choose to take one course per semester on a pass/no pass basis from elective courses outside his or her major and the University's general education requirements. An application form must be filed with the Registrar no later than the published deadline for exercising the pass/no pass option.

The teacher submits a regular grade to the Registrar, who converts the regular grade of "C" or above into "pass." A grade below "C" becomes a "no pass," and the course must be repeated on a satisfactory level to receive credit.

Courses offered only on a pass/no pass basis are field experience (e.g., 275/475); WRI 095 English Skills; THE 165/365 George Fox University Players; EDU 375/475 Student Teaching I, II; Juniors Abroad; and GED 130 Freshman Seminar.

Field experience and Honors Colloquium (GED 271, 272, 371, 372) may be pass/no pass at department option, or in absence of department policy, at the student's option. All other courses in the University receive grades.

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**ACADEMIC PROGRESS  
AND ELIGIBILITY**

A student on regular, probation or provisional status is considered to be making reasonable academic progress. The student's semester grades, with a semester GPA and a new cumulative GPA, are posted on the grade report given to the student within two weeks following the close of each semester. The GPs7987 0;2









## ADMISSION PROCEDURES AND POLICIES FOR TRANSFER STUDENTS

### Procedures

1. Write to the Office of Undergraduate Admissions, George Fox University, 414 N. Meridian, Newberg, Oregon 97132, for information and admissions forms.
2. Complete the Application for Admission and return it to the Admissions Office. Include a non-refundable application fee of \$30.
3. Request an official transcript from each college where previously registered. An applicant may also be asked to furnish a high school transcript.
4. Have the two recommendation forms in the application packet completed and sent to the Admissions Office.

*Soon after the admissions file is completed, the applicant is notified of the Admissions Committee's decision.*

5. Transfer students applying for admission during the first year out of high school should submit entrance examination scores. The Scholastic Aptitude Test (SAT) or American College Test (ACT) will be accepted.
6. By June 15, 1998, a tuition deposit of \$150 must be submitted by each new full-time student. This deposit reserves housing and a place in the registration sequence. Until May 1, \$130 is refundable by written request to the TD hj 6.562 0 T (tion -1.ft2.06n 1if6t8 91.908 71am61j 6.56. )Tj T[i94 TdD i9Lm3 J

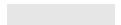
## **INTERNATIONAL STUDENTS**

George Fox University is authorized under federal law to enroll non-immigrant alien students. Prospective students who are not United States citizens are encouraged to apply early.

To be considered for admission, an international student must complete all general admissions procedures required of American students and submit a Declaration

# ADMISSIONS EARL







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 college 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.

**COSTS**

Estimated Cash Outlay for Typical Entering Undergraduate Student, 1997-98 (two semesters)

	<i>Fall Semester</i>	<i>Spring Semester</i>	<i>Total</i>
Tuition (12 to 18 hours)	\$7,625	\$7,625	\$15,250
Student Body Fee	90	90	180
Activities Fee	10	10	20
Health Fee	35	35	70
Continuing Deposit	100	—	100
<b>Total</b>	<b>\$7,860</b>	<b>\$7,760</b>	<b>\$15,620</b>
Board and Room (Complete food service and residence hall room, double occupancy)	<u>\$2,460</u>	<u>\$2,460</u>	<u>\$4,920</u>
<b>Total, resident students</b>	<b>\$10,320</b>	<b>\$10,220</b>	<b>\$20,540</b>

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.

**TUITION, FEES AND EXPENSES (1997-98)**

**Tuition — Undergraduate**

- 1 to 1½ credit hours per semester..... \$475 per hour
- 12 to 18 credit hours per semester..... \$7,625  
per semester
- More than 18 credit hours per  
semester, for each additional hour ..... \$420
- May Term, per credit hour ..... \$238
- Early admission ..... \$35 per credit hour
- Older adults (62 and older) ..... \$20  
service fee per semester
- ESL students (20-hr. maximum) ..... \$5,450 per semester

**Student Body Membership**

Students registered for 12 hours or more  
each semester ..... \$90 per semester

Students registered for 5-11 hours  
each semester ..... \$33 per semester

The full membership covers student activities, class dues, social events, the Student Union Building, and subscriptions to Associated Student Community publications.

**Activities Fee**

All students registered for 5 hours  
or more each semester (graduate  
students – 4 hours or more) ..... \$10 per semester

Entitles students to attend basketball games and some drama/music theatre events free of charge.

**Deposits and Admission Fees for 1997-98**

Application Fee (nonrefundable, submitted  
with application for admission) ..... \$30

Tuition Deposit (required of all new full-time  
students, this deposit insures housing priority  
and registration privileges based on date of  
receipt; used as credit on first-semester bill) ..... \$150

Continuing Deposit (required of all full-time  
students; charged on first-semester bill and  
held on deposit until departure) ..... \$100

**Registration, Records and Graduation Fees**

Late Registration Fee (applicable if registration is not made prior to the first day of classes each semester) .....	\$25
Change of Registration Fee, per change form after second week of semester .....	\$10
Examination Fee, for credit by examination, challenge, or exemption from specific requirement.....	\$40 per course
Graduation Fee.....	\$100
Transcripts, per copy (student account must be paid in full).....	\$3
Placement File Setup Fee .....	\$10
Placement File, per set.....	\$7
Additional sets with same order.....	\$3

**Departmental Fees**

Chemistry Fee .....	\$10-30
Communication/video production courses.....	\$10-50
Off-campus physical education activity, per semester* .....	\$20-370
Private music lessons, per semester (includes one half-hour lesson per week and use of practice room) .....	\$215

Other: Several classes require an extra fee to cover special facilities, equipment, transportation, etc., ranging from \$10 to \$50 per class, although some specific courses may be higher. Class fees are printed in the course schedule book.

*\*Students pay a fee of \$20-\$300 to cover costs of facilities, equipment, and tr*

## **SCHEDULE OF REQUIRED DEPOSITS**

New full-time students are required to pay a \$150 tuition deposit by June 15. This deposit will be applied against the first-semester tuition.

All new full-time students are required to pay a continuing deposit of \$100 at registration. This deposit is designed to cover student-caused damage, fines, etc., and will be permanently maintained at that balance so long as the student is enrolled. Upon withdrawal, any remaining balance will be refunded to the student as explained under "Refund Policy" on this page.

### **Housing Deposit for Returning Students**

1. All students, except graduating seniors, who will live in University-owned housing during the upcoming year will be required to pay a \$100 housing deposit to secure their housing assignment.
2. This deposit will be payable to the Student Accounts Office during the first week in March. (Students will be notified of the date by the Student Life Office.)
3. The deposit will not be refundable. In the case that a student returns to George Fox in the fall and occupies University-owned housing, the deposit will be credited toward his or her account for the fall semester. In the case that a student does not return to George Fox and/or does not occupy University-owned housing, the deposit will be forfeited.

At the time the housing deposit is paid, students must be current on their existing

accounts to be eligible to participate in housing sign-ups for the following year. Please see the Student Accounts Office if you have questions about your account.

## **FINANCIAL ARRANGEMENTS**

All charges made by the University are due prior to the beginning of each semester or may be made on an installment basis by either annual or semester plans. Students receiving scholarships, grants or loans must complete all necessary arrangements well in advance of registration. Students who are securing a loan from financial institutions or agencies (e.g., a federally insured bank loan) that may still be pending at the time of registration must have a letter of commitment from the lender acceptable to the University

Day two through the first 10% of the semester.....	90%
After 10% through 25% of the semester .....	50%
After 25% through 50% of the semester .....	25%
After 50% of the semester .....	0%

For first-time George Fox University students who receive financial aid and withdraw before 60 percent of the semester has passed, refunds will be calculated according to *federal statutory pro rata* requirements. The percentage used for calculation is equal to the percentage of remaining weeks in the semester. To determine this percentage, divide the weeks remaining by the total weeks in the enrollment period.

For *medical* or *hardship withdraws*, restrictions apply and special application is required. Students will need to submit documentation that can be verified. For those granted a medical or hardship withdraw, the percentage to be used in the refund calculation will be determined based on documentation provided.

Housing costs and meals are prorated according to the number of weeks the student was on campus.

For all withdraws, please note:

- Refunds for student body membership fees will be made by the Student Government.
- Refunds of departmental fees will be determined by the department. All refunds will be applied to the student's account.
- Refunds for school insurance fees will be made only if the withdrawal takes place prior to the sending of the insurance premium. Thereafter, no refund will be given.
- Financial aid awarded will be adjusted according to federal guidelines for students who withdraw or reduce their course load to less than full time.
- No refund of tuition, room and board will be made to students who have been dismissed, except as may be required by federal regulations.

## FINANCIAL AID

### Basis of Student Aid

Each family should expect to make every reasonable financial adjustment to provide as much support as possible for college expenses. Financial aid to supplement the family's efforts will be offered under three basic conditions: (1) in consideration of the student's/family's financial need as demonstrated by a uniform method of analysis; (2) in consideration of a student's academic potential, personal interests and abilities, and promise for future leadership; and (3) availability of University funds.

With few exceptions, students must be enrolled full time (at least 12 credits per semester) to receive financial aid. They must also meet eligibility requirements of the programs from which they receive assistance. Such requirements include maintaining satisfactory academic progress toward a degree, maintaining a minimum grade point average, having financial need, and other specific conditions of federal, state or University regulations.

### Awards Based Upon Financial Need

Financial need is determined by a uniform method of analysis of information the family provides on the Free Application for Federal Student Aid (FAFSA). The need analysis helps the University determine the contribution the family is expected to make. The difference between this family

◆ **UNIVERSITY GRANTS**

The University awards funds to needy stu-

tional assistance for students from those churches in the Yearly Meeting that participate in the Church/University Match Program. The gifts must be an official act of the church rather than from individual church members. The deadline is October 1. Applications will be supplied upon request.

#### ♦ TRAVEL GRANTS AND FAMILY DISCOUNTS

Any student who is not from the Northwest may be eligible for a travel grant. The amount of the grant is \$200 and is credited to a student's spring semester account.

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

#### ♦ OTHER 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. Apply through the department the award is listed under.

##### Admissions Office

The **Austin Scholarship** is intended for academically superior students from Newberg. The \$1,350 stipend is renewable if the student is active in college programs and leadership and maintains a 3.0 GPA. Financial need is not required.

The **Richard H. Beebe Memorial Scholarship** provides \$600 for a graduate of Crow High School (Eugene, Oregon). Students from Eugene Friends Church may also be considered. Recipients must have a 2.5 GPA. Financial need is considered.

The **W.B. Brandenburgh Memorial Scholarship**, with a stipend of \$300, is for a student who regularly attends a Newberg-area Friends Church and has a minimum 3.0 GPA.

The **Mona Hadley Teaching Scholarship** of \$150 is offered to an education major with a GPA of at least 3.0. Need is considered. May be renewable. 5.0 5c70783114c11500A011j77E2331F11240

**Financial Aid Office**

The **David P. Earhart Memorial Scholarships** range from \$100 to \$500. Students must be members of, or regularly attend, a Friends church or hold pacifist beliefs similar to the Quakers.

The **Hal Hockett Memorial Pre-medical Scholarship** of \$150 is awarded annually from funds contributed by the Richard Johnson family. The recipient must be a senior student living in one of the Northwest states, including Alaska. The recipient must be preparing for a health-related profession. Financial need is required.

The **Science Scholar Award** will provide an annual award of \$850 to students majoring in the sciences, preferably in pre-medicine. The recipient must be a junior or senior with at least a 3.0 GPA.

**Department of Biology and Chemistry**

The **John and Esther Brougher Memorial Pre-medical Scholarship** of \$500 is provided to a student majoring in a pre-medical professional program. Financial need is not required.

The **M. Lowell and Margaret W. Edwards Health Science Scholar-ships** ranging from \$500 to \$2,000 are awarded annually to students majoring in science. Preference will be given to students with a minimum GPA of 3.4 who are preparing for health-related professions. Financial need may be considered.

The **Haisch Family Natural Science Scholarship** of \$500 is awarded annually to seniors who are members of the Friends Church and who are training for a profession in natural science. Minimum GPA of 2.5 is required. Financial need is not required.

The **J. Stewart Carrick Memorial Scholarship** is an award of \$500 to a student majoring in music.

The **Alfred and Pauline Dixon Memorial Music Scholarships** of \$300 to \$1,000 assist students majoring in music. Financial need is not required.

The **Allen Hadley Memorial Scholarship** of \$200 is awarded annually to a junior or senior Quaker student from Northwest Yearly Meeting of Friends who plans to major in music or social services. Financial need and a minimum GPA of 3.0 is required. Apply through the Department of Fine Arts in odd-numbered years (1997-98) and through the Department of Sociology/Social Work in even-numbered years (1998-99).

The **Erma Martin Hockett Memorial Scholarship** of \$150 is awarded annually from funds contributed by the Richard Johnson family. The recipient must be a junior or senior student majoring in music education or preparing for a career in church music ministry. Financial need is not required.

The **Joe and Pearl Reece Memorial Scholarship** provides \$150 to assist a freshman Friends student studying vocal music.

The **Richard Tippin Memorial Music Scholarship** of \$150 is awarded annually to a member of the Friends Church (preferably of the East Whittier Friends M



The **Glen Rinard M**

The **Arthur and Gwen Winters Scholarship** of \$650 is awarded annually to a Quaker student from Northwest Yearly Meeting of Friends Church. Financial need is required.

The **Ezra and Amanda Woodward Scholarship** provides \$600 for an elementary education major with special needs. Financial need is considered.

The **Glenn Zurcher Scholarship Fund** provides tuition assistance to a financially disadvantaged student with a high degree of scholastic aptitude and achievement. The total amount awarded is \$11,000.

### Department of Writing/Literature

The **Ed Kidd Memorial Scholarship** of \$700 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 odd-numbered years (1997-98) and through the Department of Religious Studies in even-numbered years (1998-99).

The **Language Arts Teaching Scholarship** of \$1,200 is awarded annually to a student majoring in language arts teaching. Financial need is required.

The **Henry A. Nagl and Eddie Daniel Memorial Scholarship Fund** of \$900 is awarded annually to help deserving students meet college costs. Financial need must be considered.

The **William Penn Writing Scholarship** of \$400 is awarded annually to an upper-division student majoring in writing/literature or communication arts. Financial need may be considered. Submit a portfolio of published/unpublished writing to the department.

### Miscellaneous

The **J. Vernon Rice and Maude R. Rice Scholarships** of \$100 to \$600 are awarded to a limited number of students with financial need. Primary consideration is given to Idaho students who attend Idaho Friends churches participating in the Church/University Fellowship Program.

### ♦ DESIGNATED

Friends of the University give generously to provide additional scholarships. The following scholarships and grants are funded in this manner. Except as noted, these scholarships are awarded to returning students only. The amounts of the awards may vary according to the annual gifts of the donors. Applications are accepted by the department the award is listed under.

### Admissions Office

The **Chevron Merit Award** is an \$8,000 scholarship distributed equally over four years. Academic achievement, leadership potential, and school or community involvement are factors taken into consideration in awarding the scholarship. A student must plan to major in business or the sciences to be eligible. A statement of educational purpose, three references, and a history of the student's employment become part of the application. Only high school seniors are eligible to apply. Applications are available through high schools. Financial need is not required. Available every other year (next new applicants: 1997-98).

### The Minthorne Family Grant of

\$1,000 is awarded annually to a student who has become a member of the church. Applications are available through the Admissions Office. Financial need is not required. Available every other year (next new applicants: 1997-98).

### Department of Health and Human Performance

The **Scott Ball Scholarship** of \$200 is awarded annually to a freshman or sophomore with a minimum high school GPA of 3.25.

The **Physical Education Grant** of \$600 is awarded annually to an upper-division student planning to teach physical education or serve in the recreation field. A 3.0 minimum GPA is required. Financial need may be considered.

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

The **Farmers' Insurance Group Scholarships** are awarded annually to upper-division students preparing for careers in insurance, mathematics, business, personnel, or computer science. Recipients must prepare a brief biographical sketch for Farmers' Insurance. Financial need may be considered.

### 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. Financial need is required.

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. Financial need is required. May be renewed for a second year.

### Department of Sociology/Social Work

The **Allen Scholarship and Social Science Award** for \$500 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. Financial need is considered.

The **Gordon-Ball Sociology Scholarship** of \$200 is awarded to a sophomore sociology/social work major who has a GPA of at least 3.0. Financial need may be considered.

### 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 program.

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 the Financial Aid Office based on demonstrated need and availability of funds. Because of the limited funds, this is usually awarded to those students who have exceptional need.

The University participates in the Federal Direct Student Loan program for the Federal Stafford Loan, the Federal Unsubsidized Stafford and the Federal Parents Loan for Undergraduate Students (PLUS). Eligibility for the Stafford and the Unsubsidized Stafford is determined by filling out the Free Application for Federal Student Aid, as well as by student status. Parents wishing to borrow through the PLUS program may request an application through the Financial Aid Office.

When other funds are not available, loans place the responsibility for financing higher education on the student or parent. Families are encouraged to be cautious when applying for loans but to consider the value of receiving financial assistance when needed and of paying some of the cost of education later when they are better able to do so. The University

expects loans to be a significant part of the usual financial aid award, but the family must decide whether the loans are necessary based upon their financial situation.

### ♦ EMPLOYMENT

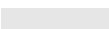
On-campus employment constitutes a significant resource for students who have documented financial need. Work-study is offered by the Financial Aid Office based mostly on need and the availability of funds. Most student employment is subsidized through the Federal College Work-Study Program.

If eligible, a student must submit a work-study application supplied by the Human Resources Office. The University is required to spend some of its federal subsidy for off-campus community service positions. This is coordinated through the Human Resources Office and selected academic departments. A limited number of employment positions are given to students who do not qualify for federal funds. These positions usually go to returning students who have been specifically requested by their supervisor.

### ♦ GOVERNMENTAL FUNDS AND PROVISIONS

Prospective and enrolled students may request and receive information from the financial aid staff concerning available financial assistance and student consumer information.

Financial resources are supplied by the federal government through Title IV of the Higher Education Act of 1965 as amended. This aid includes the Federal Pell Grants, Federal Supplementary Educational Opportunity Grants, the Federal Perkins Loan/Direct Loan Program, the Federal Guaranteed Student Loan Program, Federal Parents Loan for Undergraduate Students, and the Federal College Work-Study Program. Other grants are contributed by the state of Oregon for eligible residents and by the University through its general fund and private donors. Students may inquire about eligibility for aid, criteria for selection, award amounts, and rights and responsibilities.



# COMPLIANCE WITH FEDERAL LAW AND REGULATIONS

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## COMPLIANCE WITH FEDERAL LAWS AND REGULATIONS

The University does not discriminate on the basis of age, sex, race, color, national origin, or handicap in its educational programs or activities, including employment, and is required by federal law not to discriminate in such a manner.

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