

Rochester College  
COURSE CATALOG  
2008-2009





Course Catalog  
2008-2009

800 West Avon Road  
Rochester Hills, Michigan 48307

248.218.2000 • 800.521.6010 • [www.rc.edu](http://www.rc.edu)

# COLLEGE CALENDAR

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## FALL SEMESTER 2008

CEL Fall Session A Begins .....	August 15
Jump Start (New Student Orientation) .....	August 15-17
Transfer Student Orientation .....	August 17
Residence Halls Open - Returning Students .....	August 18
Classes Begin, Traditional Program .....	August 19
Convocation .....	August 19
Late Registration Deadline, Traditional Program.....	August 26
Labor Day (no classes).....	September 1
Mid-Term Examinations, Traditional Program.....	October 6-10
CEL Fall Session A Ends .....	October 9
CEL Fall Session B Begins .....	October 10
Fall Break, Traditional Program.....	October 13-14
Registration Opens for Spring 2009 (Traditional Program)....	October 20
Last Day for Class Withdrawal, Traditional Program .....	October 27
Homecoming .....	November 1
CEL Thanksgiving Break.....	November 24-30
Thanksgiving Break, Traditional Program .....	November 26-30
Classes End, Traditional Program .....	December 5
Winter Banquet .....	December 6
CEL Fall Session B Ends .....	December 11
Final Examinations, Traditional Program .....	December 8-12
Deans' Breakfast.....	December 13
Winter Commencement .....	December 13
Residence Halls Close .....	December 13
Grades Due, Traditional Program.....	December 15

## SPRING SEMESTER 2009

Residence Halls Open .....	January 4
CEL Spring Session A Begins.....	January 5
Classes Begin, Traditional Program .....	January 5
Late Registration Deadline (Traditional Program) .....	January 13
Martin Luther King Day (no classes, Traditional Program).....	January 19
CEL Spring Session A Ends .....	February 28
CEL Spring Session B Begins.....	March 2
Mid-Term Examinations, Traditional Program.....	February 23-27

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Spring Break, Traditional Program (Residence Halls Closed) ..	March 2-6
Last Day for Class Withdrawal, Traditional Program .....	March 24
<i>Celebration</i> .....	March 27-28
Registration Opens for Fall 2009 (Traditional Program) .....	March 30
Good Friday (no classes, Traditional Program).....	April 10
Easter Holiday (no classes, Traditional Program) .....	April 13
Academic Symposium (trad classes suspended April 22).....	April 21-23
Classes End, Traditional Program .....	April 24
CEL Spring Session B Ends .....	April 25
RC/CEL Summer Session A Begins .....	April 27
Final Examinations, Traditional Program .....	April 27-May 1
Deans' Breakfast.....	May 2
Spring Commencement .....	May 2
Residence Halls Close .....	May 2
Grades Due, Traditional Program.....	May 4

## SUMMER 2009

Maymester .....	May 4-23
Memorial Day (no classes).....	May 25
RC/CEL Summer Session A Ends .....	June 20
RC/CEL Summer Session B Begins .....	June 22
RC/CEL Summer Session B Ends .....	August 15

*These dates are subject to change—please refer to the Rochester College website ([www.rc.edu](http://www.rc.edu)) for the latest event information.*

# Business Ethics



Maths Help is Available!



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# Introduction to Rochester College

The mission of Rochester College is to engage students in a vigorous Liberal Arts education within a Christian community for a life of study and service.

## WE AFFIRM:

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- A quality education stresses excellence and trains students to perform scholarly research, to write and speak with elegant simplicity, and to think critically and creatively.
- An educated person reveres God and is committed to truth and justice.
- An educated person is able to coherently connect the spiritual truths of God with the wisdom of humanity embodied in the arts and the sciences.
- A Christian education demonstrates that a vibrant faith compels a life of private virtue and of social responsibility.
- An educated person possesses a lifelong desire to grow intellectually and spiritually.
- An educated person views a vocation as an opportunity for service and stewardship, rather than a passport to privilege.
- This community and its professors nurture and incarnate a Christian worldview.

## HERITAGE

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In 1954, members of the Church of Christ formed a Board of Trustees to establish a college in the north central United States. The new Board purchased land near rural Rochester, Michigan and the first students arrived at North Central Christian College in 1959. Several years later, NCCC became Michigan Christian College. In 1997, the Board adopted the name Rochester College. That year, the Board reaffirmed the founders' dedication to the task of leading students toward high academic achievement and the development of Christian ideals.

Over the years, the campus of Rochester College has grown, and the college leaders have continued to develop and modify programs that meet the changing needs of our students. In 2004, the college adopted a new strategic plan, Target 2K, designed to direct our resources and efforts toward achieving our goals in our Academic Vision.

In a typical year, students arrive from more than a dozen states and about ten different nations. Alumni are scattered in many places around the nation and the world.

Since its inception, Rochester College has emphasized the importance of combining academic excellence with Christian ideals. While the College admits students of all races and religions and carefully explains varying worldviews in relevant courses, it employs only those professors and instructors who understand, practice, and teach the Christian faith. Regardless of their discipline, faculty members routinely relate their subject matter to relevant principles and concepts of Christianity.

## THE CAMPUS

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Rochester College is located on 81 acres of suburban woodlands dotted with lakes and woodlands and bordered by the Clinton River. It is part of Rochester Hills, an area that has developed into one of the most popular residential communities of southeastern Michigan. The area's unique mixture of country charm and modern development has caused the city's population to pass 70,000.

Upscale shopping centers, theaters, and popular restaurants offer many options for recreation. There are numerous job and internship opportunities since over 50% of Fortune 500 corporations have operations in the area. The greater Detroit area also features museums and professional sports teams. Canada is accessible by bridge or tunnel, less than an hour away.



## ADMINISTRATIVE AND ACADEMIC FACILITIES

### **Associates Campus Center**

Campus Center is home to several state-of-the-art classrooms, a 16-terminal computer lab with Internet access, Student Development, faculty offices, Information Technology offices, and the Center for Extended Learning.

### **Gallaher Center**

Gallaher Center houses the business, financial aid and the admissions offices as well as the Alumni Music Center, which is located on the upper and lower levels of west Gallaher Center.

### **Gatehouse**

The upper level houses the Counseling Center, while the lower level hosts a small music ensemble rehearsal room.

### **Ennis and Nancy Ham Library**

In 2003 the library was named in honor of Ennis and Nancy Ham. The library offers electronic, print and audio-visual materials to traditional students, CEL students, faculty and guests. Users have remote and on-campus access to indexing and full-text articles in over 60 electronic periodical databases. The library's holdings can be found through the online catalog at [www.rc.edu/lib](http://www.rc.edu/lib). The library home page contains information on electronic resources, Internet resources, contact information and library news.

The librarians, support staff, and student library assistants work cooperatively to select, acquire, process, and organize the library's materials. Librarians are available to help individual students in research in the library as well as assist faculty in classroom instruction. The library is open and staffed by librarians 75 hours per week.

Computers, study carrels, study rooms and lounge furniture create a comfortable and friendly environment in which students study, collaborate, and research. Interlibrary loan through a large library network allows students and faculty opportunities to borrow from other state and national libraries.

Ham Library has membership in (ALA) American Library Association, (CCL) Christian College Librarians, (DALNET) Detroit Area Library Network, and (MLC) Michigan Library Consortium.

### **Muirhead Center**

Home to the library from 1965-2003, Muirhead Center now accommodates faculty offices, academic services, alumni relations, and the department of marketing and design.

**Richardson Center**

This is the newest addition to the campus. This building features the Utley-McCauley student center, classrooms, a theatre, state-of-the-art science laboratories, and administrative offices.

**Development Building**

Once home to Rochester College's science labs, this building now houses classrooms, an athletic training room, administrative offices, and the Office of Development.

## RESIDENCE HALLS

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**Barbier Hall**

This men's residence hall features carpeted rooms with beds, wardrobes, dressers, desks with hutches, chairs, and community baths. Each room comes with Internet, cable, and phone hookups. The building also has a laundry room and kitchenette.

**Ferndale Hall**

Constructed in 1997, this women's residence hall offers suite-style living with private baths and Internet access in each room. All rooms are furnished with tile flooring, wardrobes, dressers, beds, desks, and chairs. Phone hookups and cable are also available. Residents may use Ferndale's central kitchen and Dearborn Commons for laundry.

**Gatewood Hall**

This student residence hall offers suite style living with private baths and Internet access in each room. All rooms are furnished with beds, wardrobes or closets, dressers, desks with hutches or shelves, and chairs. Phone hookups and cable are also available. Both men and women each have access to a laundry room and kitchenette.

**Hoggatt Hall**

Constructed in 1997, this men's residence hall offers suite style living with private baths and Internet access in each room. All rooms are furnished with tile flooring, beds, wardrobes, dressers, desks, and chairs. Phone hookups and cable are also available. Residents who live in Hoggatt Hall are also permitted to use Hoggatt's central kitchen and Dearborn Commons for laundry.

**Palmer Hall**

Available to students 25 years and older, or married students, each room features carpeting, a private bath, walk-in closet, outside entrance, and hookups for phone, cable and Internet. Some rooms include a kitchenette. Palmer Hall is also the headquarters for the Housekeeping Department.

## OTHER COLLEGE FACILITIES

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### **Dearborn Commons**

Proximity to men's and women's residence halls makes this a popular campus gathering place. The Commons features a TV lounge, computer terminals, and coed laundry facilities.

### **Fletcher Center**

The campus cafeteria, the Fletcher Center, overlooks the campus lake and is equipped with wireless Internet. Food service for the college is provided by Chartwells.

### **Gymnasium**

Regulation college basketball court is the site of physical education classes and intramural athletics competition.

### **Isom Atrium**

Home of the Solid Rock Cafe, the Atrium is a place where students and faculty can grab a cup of coffee or a bite to eat, sit and chat, connect to wireless Internet, or meet with friends.

### **Rochester College Preschool**

The preschool, housed in the neighboring facilities of the Rochester Church of Christ, provides opportunities for education students who want to work with children.

### **Utley Center**

The Utley center is home to the Rochester College Bookstore. Located adjacent to Isom Atrium, Westside-Central Auditorium, and the Fletcher Center (cafeteria), the Utley Center is an ideal location for students and off-campus customers to shop for books and Rochester College merchandise.

### **Utley-McCauley Student Center**

The newly constructed Utley-McCauley Student Center is a place where students, whether residential or commuters, can meet. The student center houses three different sections. One section has tables and chairs for students to study, read, and relax. The middle section has a large screen TV with DVD/VCR capability, while the last section is a game area with a pool table, foosball table, air hockey, and a dart board.

### **Westside Central Auditorium**

Westside Central Auditorium is the place where Rochester College students meet for daily Chapel. The auditorium also hosts lectures, classes, theatre, music performances, and other special programs.

**Theatre**

The Theatre in the Richardson Center is used for choral practices, drama productions, Celebration in Song, our annual musical variety show, and many special events such as college and community sponsored seminars/conferences.

**Computer Labs**

Computer Labs are available in both the Associates Campus Center and the first floor of the Ham Library buildings. These labs are open for use when classes in these rooms are not in session.

# Student Life

Rochester College offers a wealth of extracurricular activities that appeal to a variety of interests. The intimate size of the student body makes it easy for anyone to participate in leadership or social activities.

## STUDENT LIFE

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### EVENTS

#### **Student Programming**

Each year, campus organizations and departments sponsor trips for faculty, staff, and students to area attractions such as museums, plays, and sporting events.

#### **Homecoming**

Hosted by Student Government and the Alumni Association each fall, the day is led with activities for students and alumni, including an alumni men's basketball game, intercollegiate basketball game and the crowning of the Homecoming king and queen.

#### ***Celebration***

A centerpiece on campus each spring, *Celebration* is led by a director and presented as a student collaboration and features our campus social clubs. The show is a kaleidoscope of music, singing, acting, and choreography.

#### **Academic Symposium**

The annual Academic Symposium celebrates the academic achievements and capstone projects of selected senior students. Diverse arrays of subjects are presented each year, ranging from executive simulations to scholarly papers to musical recitals.

## STUDENT GROUPS

#### **Student Government**

Each year the student body selects a president, vice president of student activities, vice president of community life, vice president of public rela-

tions, and vice president of finance and fundraising. These officers work to develop the quality of student body life by planning activities and responding to student concerns. Each officer receives a scholarship.

### **Residence Life**

A student staff of 12-16 members is selected each year to lead their peers in the residence halls. These students are responsible for building community by planning social, spiritual and educational activities and governing the halls. Each student gets a scholarship and/or weekly pay.

### **Music Ensembles**

Each spring students may audition for one or more of the vocal, instrumental, or theatrical groups featured by Rochester College. Students who have an interest in singing may join the A Cappella Chorus, which performs at local, regional, and national events, or the Rochester Community Chorus, which performs frequently with the Rochester Symphony Orchestra. Students also have the opportunity to audition for Autumn which performs contemporary Christian music for a variety of audiences. Students with instrumental skills may audition for the concert band or string ensemble.

### **Theatre**

Students may audition for frequent on-campus theatre productions, Company, a theatre troupe that performs for teen audiences, or Pied Pipers, an improvisational children's theatre troupe.

### **Student Publications**

Students may join the staff of The Shield, the campus newspaper that reports on the pulse of Rochester College student life, or Areios, the year-book publication. Another student publication, Blackberry Winter, is a collection of student works composed of written and visual art.

### **Ex Libris**

This writers' group meets once per week to share ideas and to support their common interest. Rochester College's creative writing journal, *Blackberry Winter*, is published from this group.

### **Social Clubs**

Students may pledge a social club that engages in social activities, competes in intramural athletics, and performs community service projects. Social clubs also perform original dance/music numbers at the annual production, *Celebration*.

### **Departmental Organizations and Honor Societies**

Qualified students may be invited to join Alpha Chi, a national honor society, Psi Chi, a national honor society for psychology students, or Alpha Psi Omega, a national honorary theatre fraternity.

## ATHLETIC ACTIVITIES

### Intercollegiate

Rochester College competes in the United States Collegiate Athletic Association. Men's sports include JV and varsity basketball, baseball, cross-country, golf, and soccer. Women's varsity sports include basketball, volleyball, softball, cross-country, golf, and soccer. Rochester College boasts a tradition of athletic excellence, winning national titles in men's basketball (1989, 1997, 2004, 2005), men's cross-country (1989, 1990), men's soccer (1996, 2006), and women's volleyball (1998, 1999).

### Intramural

Intramural teams compete in volleyball, basketball, flag football, wiffleball, dodge ball, coed soccer, disc golf and pickle ball.

## CAMPUS MINISTRY

### Daily Chapel

Daily Chapel provides a time for students and employees of the college to participate in programs that reinforce the spiritual, academic, and community values of the college. The programs, led by faculty/staff, off-campus guests and students, are designed to develop the whole person. Full-time students are required to attend.

### The Offering

Students help lead this weekly contemporary Christian worship service. Attendance is voluntary.

### Devotionals

Student-initiated informal worship gatherings occur on campus each week. Attendance is voluntary.

### IMAGE

Students interested in missions and evangelism may wish to join IMAGE (International Missions Apprenticeship for God's Evangelists). Each year, IMAGE members lead and/or participate in domestic and international mission campaigns. IMAGE also sponsors local community service projects.

## COMMUNICATION METHODS

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Rochester College may communicate with students via several methods, including (but not limited to) U.S. Mail, phone, fax, or e-mail. It is important to inform the college whenever a change is made to the student's contact information. An official RC e-mail address is issued to each student at the time he or she is admitted to RC. This official RC e-mail address takes the form of a person's first initial and last name, followed by

“@rc.edu” (e.g., jcollege@rc.edu). This is the only e-mail address that will be used for sending official communications to students.

Students are responsible for activating their RC e-mail account; this may be accomplished on the Warriornet web site at <https://warriornet.rc.edu>. Students must check e-mail regularly in order to read important messages and notifications. Certain communications may be time-sensitive. Failure to read official RC communications sent to the students’ official RC e-mail addresses does not absolve students from knowing and complying with the content of those communications.

Use of e-mail for official communications with students will comply with other applicable RC policies and business practices.

## **SOCIAL REGULATIONS**

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Rochester College is committed to building a campus culture that harmonizes with Christian values. Students are personally responsible for campus and community conduct. Rochester College encourages good character; therefore, immodest or inappropriate attire, dishonesty, profanity, sexual promiscuity, gambling, property abuse, on campus or underage use or possession of alcoholic beverages, illegal drugs, or tobacco are not permitted. Mandatory campus curfew for freshmen and all residents of Alma Gatewood and Barbier Halls provides ample time for students to enjoy the recreational and part-time job opportunities of the city. The Student Handbook, available at student orientation or from the Student Development Office, describes additional policies. Violation of college regulations or civil law may lead to dismissal. Enrollment at Rochester College serves as the student’s agreement to abide by the college’s standards of conduct. Students may not agree with all college standards but are nonetheless expected to demonstrate responsibility as well as character through honorable adherence to the policies. All students are expected to observe common courtesy and cooperation with others in this community.

## **RESIDENCE HALLS**

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Rochester College provides room and board for single students 25 years of age or younger taking at least nine hours. Residential policies promote a close-knit campus culture that features social and spiritual aspects to be enjoyed by campus residents. Housing for married students or students 25 years or older is available on a student-by-student basis and is not guaranteed. Boarding students in traditional halls and in apartments without a kitchenette must obtain cafeteria meal services. Each resident is financially responsible for room damages. Off-campus housing is al-



lowed for students who are at least 21 years old and of junior status, or for married students, or for students who live with relatives over the age of 25. Institutional Aid may not be available to students who live off-campus. Exceptions may be considered at the end of the academic year in which the student turns 23 years old or when residence halls are at capacity.

## PSYCHOLOGY & COUNSELING CLINIC

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The role of the Psychology and Counseling Clinic is to help meet the psychological and developmental needs of young adults who face major life transitions and adjustments while they are in school. Psychological services can provide coping mechanisms to help students succeed both academically and personally. Professional psychological counseling services provided to Rochester College students at the clinic include individual psychotherapy, marriage and family psychotherapy, and psychological and neuropsychological assessments to identify learning challenges. The current professional staff includes a psychologist and a psychotherapist who are licensed by the State of Michigan in their professions.

The Psychology and Counseling Clinic is located in the Gatehouse on the far west end of campus. The Rochester College Psychology Department oversees the clinic. Appointments can be made by calling Dr. Gordon MacKinnon, Director of the Psychology and Counseling Clinic at 248.218.2122.

## HEALTH INSURANCE AND SERVICES

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All residential students and full-time commuter students are required to provide proof of health insurance coverage and sign an exemption form declining the school's policy because of such coverage. Students with no coverage or failure to provide proof of coverage in a timely manner must purchase a non-refundable policy (\$439 annual cost). Brochures outlining coverage details are available in the Business Office. Specific coverage questions should be addressed to the insurance provider directly at 800.431.1270. See the student accounts manager for more details.

Nearby Henry Ford and Mercy Care Medical Centers prescribe medication and offer treatment for minor ailments (a complete list of health services is available in the student handbook). Emergency care is available at nearby Crittenton Hospital. Students may choose a local physician at their own discretion, and are obligated to pay for services and medication.

## CAREER SERVICES

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The Career Services office is here to assist students at every stage of college life in relating personal interest, skills, and values to academic pursuits and career goals. As part of the Freshmen Year Experience program, all freshmen go through an orientation with Career Services. They are then given the tools to begin a career planning process that will take them through graduation and into either job search assistance or graduate school. Another resource for freshmen is guidance in selecting a major and learning about its career options. For students further along in college who may be trying to make their goals a reality, Career Services can help refine job search skills and put students in touch with the employment community, as well as assist students in locating part-time and full-time employment by maintaining a job database available on the college web site.

The Career Services office maintains a career and job search library, administers career assessments, and provides individual career counseling. Resume and interview assistance, as well as job fairs, offer students valuable information to get the employment opportunities they desire.

# Admissions

A benefit of attending Rochester College is its commitment to focus on the whole person, spiritually, academically, and socially. Future students should consider RC's vigorous education and Christian environment as a means to achieve their goals and to be challenged in those areas.

## ADMISSIONS PROCEDURE

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Complete each of the following steps to apply for the traditional undergraduate program at Rochester College. For those who seek financial aid, it is important to complete these steps as early as possible. See the Center for Extended Learning section for enrollment procedures for CEL programs (page 122).

1. Submit a completed application for undergraduate admission to the Admissions Office along with a non-refundable application fee of \$35 (\$100 USD application fee for international students). Application forms may be downloaded or submitted online at [www.rc.edu](http://www.rc.edu). Applications are also available from the Admissions Office upon request. The application fee is required before an admissions decision will be made. Payment may be made online after the application is complete, you can call the admissions office to pay by credit card over the phone, or you can mail a check made out to Rochester College to the admissions office.
2. Give the transcript request form to either a guidance counselor or registrar, and ask him or her to send a transcript to Rochester College. Transcripts are required before an admissions decision will be made. All students graduating from high school must make arrangements to have a final transcript sent to Rochester College after graduation. Students who have completed college work must submit a final high school transcript and an official college transcript. GED graduates must submit an official copy of their GED scores to the Admissions Office.
3. Students who are entering college for the first time and students who are transferring less than 15 credit hours from an accredited college or university are required to submit ACT or SAT scores to Rochester College. Scores noted on a high school transcript are acceptable. If your score is not on your transcript, ACT scores can be requested at

www.actstudent.org. Rochester College's ACT code is 2072. SAT scores can be requested at www.collegeboard.com. Rochester College's SAT code is 1516.

4. Students planning to live on campus must submit a room reservation form and fee of \$200; \$25 will apply to the non-refundable reservation fee, \$170 will apply to the security deposit, and \$5 will apply to the mailbox key deposit. Deposits, less any outstanding charges, will be returned at the end of the academic year. The \$175 deposits are required for on-campus housing and are fully refundable if requested in writing to the Admissions Office prior to May 1. Housing assignments are made on a first-come, first-served basis once application, room reservation fees and deposits are paid.

## ADMISSION DECISIONS

Rochester College seeks students who desire to excel academically, spiritually, and socially, and who are likely to contribute to the campus culture. Acceptance is partly determined by high school or college grade point average (GPA) and college entrance examination composite and component scores. Additional consideration is given to students who lead or participate in school, community, and church activities. Approval is granted on a rolling basis once all required credentials are received and deposits are paid.

## RESIDENCE REQUIREMENT

Campus residence is required of all students (unless married) who are under the age of 21 and junior status, or who are not living with a parent or relative over the age of 25.

## FIRST TIME IN COLLEGE

High school graduates with less than 15 semester hours of college credit are required to meet the following criteria for unconditional admission to Rochester College: a minimum 2.25 high school GPA, and a minimum ACT composite score of 18 or a minimum SAT total of 880. Additional consideration may be given to component scores on each test. Students who did not graduate from high school may be admitted unconditionally if they earned a minimum GED score of 550 and meet the minimum ACT or SAT score.

## TRANSFER STUDENT

Transfer students from other colleges or universities must provide a transcript from each institution and complete the steps listed on page 18. ACT or SAT scores are not required of students who have earned 15 or

more college credit hours. Transfer students must have earned a minimum 2.25 cumulative GPA for admission to Rochester College.

Rochester College grants credit for courses completed with a grade of C- (1.7 on a four-point scale) or higher at regionally accredited colleges, schools accredited by The Association of Biblical Higher Education, or a select list of voluntarily unaccredited institutions (standards within individual majors may be higher). Up to 30 hours of lower division credit might also be transferred from other unaccredited programs; these are subject to validation by the relevant academic department(s) at Rochester College and by a probationary semester of full-time, C (2.0 on a four-point scale) or higher coursework.

Students whose prior academic experience includes coursework completed outside the United States or Canada must provide an evaluation from the World Education Services ([midwest@wes.org](mailto:midwest@wes.org)). Credit received on a basis other than the semester unit will be converted to semester hours. Transfer credit counts as upper-level credit only if the course has junior or senior status at the institution where it was taken. All work transferred from a junior college is considered lower-level credit except for 300-level courses taken in the third year of an approved third-year program.

Transfer credit may apply toward a traditional degree, but is limited to no more than 34 semester hours toward the Associate degree and 98 hours toward the Bachelor degree. At least 50% of a student's major core requirements must be earned at Rochester College. See page 123 for Center for Extended Learning limits. Transfer credit is not applied to Rochester College GPA.

Under the MACRAO Articulation Agreement, transferees from participating Michigan colleges or universities usually meet all general education requirements for the Bachelor degree at Rochester College, except the Christian Values Requirement and general education courses or prerequisites required for a major. However, if the transfer credits do not include a literature course or math course equal to MAT 1103 or higher, the student must complete these courses before a degree will be awarded. Transcripts must specifically confirm that all MACRAO requirements are met. For more information, contact the Academic Services Office.

Transferees who hold the Bachelor degree from another accredited college or university are exempt from all general education requirements, except the Christian Values Requirement (page 46) and any specific general education courses or prerequisites required for a major.

## EARLY ADMISSION

High school students are eligible for early admission as full-time students at Rochester College based on the following criteria: completion of junior

year of high school, high school GPA of 3.00 or higher, and ACT score of 21 or more. Early admission students may make arrangements with their home school district to earn their high school diploma, or earn a satisfactory score on the General Equivalency Diploma (GED).

## RE-ENROLLMENT

To return to Rochester College after an absence of one or more semesters, students must notify the Academic Services Office. Students suspended or dismissed for academic reasons must appeal to the Academic Life Committee. Students dismissed or suspended for social reasons must request re-enrollment through the Student Development Office. Students who re-enroll following Academic Suspension or dismissal may be required to receive tutoring and related learning resources through the Academic Center for Excellence. Students who re-enroll after an absence of 12 months or more may only be re-admitted under the latest degree plan offered for the degree and major being pursued.

## INTERNATIONAL STUDENTS

Students who receive their education outside of the United States must demonstrate their ability to perform college level work in the US by submitting official academic credentials from the country where they received their education. Students, whose native language is not English, must score at least 109 in an ELS Language Center, take the ACT test, take the SAT test, or take the Test of English as a Foreign Language (TOEFL). International students who take the ACT or SAT may be eligible for an academic scholarship. A native language is that language acquired naturally during childhood and is spoken in the home. Scores must be sent directly from the testing organization. Photocopies are not acceptable. The minimum TOEFL scores are: 520 (paper-based test), or 190 (computer-based), or 68 (internet-based test). A list of cities and specific details for the TOEFL is available on the TOEFL website at [www.ets.org/toefl](http://www.ets.org/toefl). The minimum ACT score is 18 and participating countries can be found at [www.actstudent.org](http://www.actstudent.org). The minimum SAT test score is 840 and students can register for the test at [www.collegebound.com](http://www.collegebound.com). All test scores and transcripts must be submitted by May 1 for fall enrollment or October 1 for spring enrollment.

All students educated outside the United States or Canada will enter Rochester College on academic alert (see page 44 for information concerning “alert” status). Issuance of an I-20, as a citizen of another country, requires a notarized bank certification that funds are available to pay for at least the first year of college. A Rochester College Financial Worksheet must be filled out, signed and submitted, along with your first payment. The first payment amount and payment schedule for the rest of the year

will be outlined in the Financial Worksheet. The bank certification, Financial Worksheet, and initial payment must be received by the college by June 1 for fall enrollment and November 1 for spring enrollment, to ensure adequate processing time related to issuance of a student visa. The payment, credited to the student's account, may be refunded if the student does not attend Rochester College.

*\*Additional documentation may be required after the first year of study.*

## SPECIAL STUDENTS

Students who are non-degree seeking or are taking less than six hours per semester do not have to apply for admission. This applies to classes taken for audit and classes taken for regular credit. Students in a degree program or enrolled in more than six hours per semester must apply for admission.

## HOME SCHOOLED STUDENTS

Like special students, home schooled students do not have to apply for admission if they are non-degree seeking or taking less than six hours per semester. This applies to classes taken for audit and classes taken for regular credit.

Home schooled students who enroll at Rochester College while still in the home school curriculum may be granted a fifty percent (50%) tuition discount on any classes (maximum of two classes per semester) in which they enroll, for up to three semesters prior to the time they complete the home school requirements for their diploma. Students are enrolled in traditional college classes within the discipline of their choice for which they are adequately prepared. Students may enroll in courses numbered up to 2500. Classes may be taken in fall or spring semester. This program provides a great opportunity to experience the college environment while still working in a family routine.

Home schooled students are encouraged to at least be entering the second semester of their junior year of high school. The following are also required:

- Verification of home school status and course work
- Admissions information form

## GUEST STUDENTS

Students from other colleges or universities may attend Rochester College to receive credit for specific courses. Guest students must pay normal tuition and fees, and must request that grades and credits be sent to their home college or university. To apply, submit a Michigan Uniform Undergraduate Guest Application to the Rochester College Registrar.

## COMPUTERS

Rochester College is the first college in the state of Michigan to offer all new incoming freshmen a state-of-the-art Apple MacBook absolutely free. Transfer students who enter Rochester College with less than 30 semester credit hours will also be eligible to receive a free MacBook.

It is one of the goals of the college to be sure that students are involved with the latest technology during their studies. Education and technology has developed over the years and Rochester College is on course with the more progressive colleges in the country. In creating a campus-wide wireless environment, Rochester College achieved one of its primary educational technology goals. This creates possibilities for laptop use in the classroom, library, grounds—virtually anywhere. In time, as the technology becomes more tailored for faculty and student interaction, Rochester College will continue to enhance the laptop program.

This is the student's laptop. The warranty is in the student's name, and it will not need to be returned after graduation. Each student will be required to sign a laptop program agreement. If the student remains enrolled full-time at Rochester College for at least 6 full semesters, (excluding summer semesters) no charge will be made for the laptop. If the student leaves before 6 full semesters the student will pay a prorated charge for the MacBook.

The specifications are as follows:

- 13" white MacBook
- Mac OS X 10.5 Leopard
- 2.1 GHz Intel Core 2 Duo
- 1 GB Memory
- 120 GB Hard drive
- Combo Drive
- 3 year AppleCare Protection Plan
- Microsoft Office 2008 for Mac



# Financial Information

Rochester College strives to limit its costs and to provide generous financial aid for each eligible student. Tuition only covers about 70% of the overall educational services provided at the College; the balance is provided by other sources of income.

## BASIC EXPENSES

The following charges are for traditional students enrolled in the College of Arts and Sciences or the College of Business and Professional Studies.

*Basic expenses for a full-time student for the 2008-2009 year are:*

<b>Tuition (12-18 hours)</b>	1 semester	2 semesters
	\$7,520	\$15,040
<b>Student Support Fees<sup>1</sup></b>	1 semester	2 semesters
Boarding Student	\$785	\$1,570
Commuting Student	\$446	\$892

<sup>1</sup> Covers admission evaluation, academic advising, library services, student activities, telecommunication service, use of the campus computer network, security and parking, intramural athletics, and campus newspaper. Full-time students receive a yearbook. Full-time residential students receive a membership to Lifetime Fitness.

## SCHEDULE OF CHARGES

### **Traditional Program, Tuition and Special Fees (refundable)**

Full-time Block (per semester, 12-18 hours) .....	\$7,520
Outside Block (per semester hour over 18 or under 12) .....	\$488
Maymester and Summer Session (per semester hour) .....	\$350
Audit Fee (per course).....	\$125

**Course Fees (refundable, charged per course unless otherwise noted)**

All science lab courses, ENG 4213, 4223, 4233.....	\$45
ART 1413, 1423, 2443 .....	\$90
BIO 4603, ENG 4603, HIS 4503, 4603, MAT 4503, 4603, MUS 4423, 4433, NSC 4503, RDG 4503 .....	\$75
BUS 4823.....	\$25
EDU 2201, 2241, 3221, HIS 3603, MUS 2403, PSY 3313, 4403....	\$50
EDU 2303 .....	\$60
EDU 3271, 4728, 4828 .....	\$135
GEO.....	\$95
MAT 2213, 2223, PSY 3323 .....	\$40
MUS 1100, 1101 .....	\$100
PED 1011, PHI 3923 .....	\$80
Private Music Lesson Fee (all levels, per credit hour).....	\$400
SMG 4253.....	\$30

**Residential Fees and Deposits**

Housing and Meal Plans (refundable)

Room Options

Ferndale or Hoggatt.....	\$1,890
Barbier or Gatewood.....	\$1,740

Board Options

Option A - 19 meals/week (\$100 on swipe card).....	\$1,620
Option B <sup>1</sup> - 14 meals/week (\$75 on swipe card) .....	\$1,510
Option C <sup>2</sup> -10 meals per week.....	\$1,200
Option D <sup>3</sup> - 5 meals per week.....	\$500

Studio Apartment Housing <sup>4</sup> (as available, first year)

Back Units (per month).....	\$325
Front Units (with kitchenette, per month).....	\$375

Maymester and Summer Session Room Rates

Maymester only .....	\$300
Session A / Maymester (concurrent) .....	\$438
Session B .....	\$500

Room Security Deposit (any residential location)..... \$170

Mailbox Key Deposit .....

Mailbox Key Deposit .....	\$5
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Private Room Fee (nonrefundable, as available, per semester)..... \$750

**Other Charges and Fees (nonrefundable)**

CLEP & DANTES Administrative Fee .....	\$35
CLEP & DANTES Testing Fee (per examination).....	\$70
DANTES Speech Testing Fee (per examination) .....	\$110
CLEP and DANTES Credit Recording Fee (per credit hour).....	\$25
Course Change Fee (per change form) .....	\$25
Graduation Application fee - Bachelor's or Graduate degree.....	\$125
Graduation Application fee - Associate degree.....	\$50
Health Insurance (minimal secondary coverage, per year) .....	TBD
Late Registration Fee (returning students) .....	\$488
Late Payment Fee .....	\$35
Lifetime Fitness (Commuters, per semester -price subject to change) .....	\$225
Lock Replacement Fee.....	\$75
Myers-Briggs Type Indicator.....	\$15
New Student Orientation Fee.....	\$175
Online Course Fee.....	\$30
Payment Plan Fee (per semester) .....	\$60
Returned Check Fee (NSF, per check).....	\$35
Room Change Fee (per room change) .....	\$60
Room Reservation Fee .....	\$25
Strong Interest Inventory .....	\$15
Student Identification Card Replacement.....	\$30
Student Support Fee	
Boarding Students (per semester) .....	\$785
Commuting Students (12 hours or more, per semester) .....	\$446
Commuting Students (less than 12 hours, per semester) .....	\$250
Transcript Fee (per copy).....	\$5
Vehicle Violation Fines (each violation) .....	\$30

**GENERAL PAYMENT INFORMATION**

Rochester College's continued success in its mission and growth depends on the timeliness of the student's payment. Rochester College expects accounts to be paid on time, according to one of the payment options listed below. All fees are assessed and payable in US Dollars.

**Cash, Check, or Money Order**

Checks and money orders should be made payable to Rochester College and brought or mailed to the Business Office.

**Credit Card**

Credit card payments may be made in person or called in directly to the cashier at 248.218.2051. An automatic charge may be established for the semester payment plan; for this, a form must be completed and given to the Business Office.

## PAYMENT OPTIONS

### Payment at Registration

Prior to the close of registration, students may pay all remaining charges after financial aid awards to avoid service charges and late fees.

Students with prior balances on their account will not be able to complete the registration process. These students will be unofficially registered until their account is paid in full (on or before the payment due date prior to the beginning of the semester, or the first installment of the payment plan is made on or before the due date before the beginning of the semester). Once the payment has been made a student will be officially registered. A student will not be able to attend class or receive credit on their transcripts for the course until they are officially registered.

	Fall Semester	Spring Semester
Initial Payment	August 15	January 5
Installment 2	September 15	February 15
Installment 3	October 15	March 15
Installment 4	November 15	April 15

### Semester Payment Plan

Students unable to pay the full amount at the time of registration may use the semester payment plan. They pay one-third of the total semester cost (minus financial aid credits) at registration, and the remaining two-thirds are paid in three equal monthly payments due on or before the dates listed above. There is a \$60 fee per semester for use of the payment plan. Students may be charged a \$35 late fee if payments arrive after the due date. The payment plan may be unavailable to students with a history of late payments or a previous Rochester College account passed to a collection agency.

## DELINQUENT ACCOUNTS

### Past Due Accounts

The College will not release transcripts if there is a Business Office hold on the student's account. Students with delinquent accounts (past due 20 days or more) may not be allowed to register for subsequent semesters. A finance charge of 1.5% (18% APR) is applied monthly to delinquent accounts. Nonpayment of delinquent accounts may result in suspension or placement of the account with a collection agency.

## Collection Agency Placements

Accounts placed with a collection agency will be charged collection costs, and possible legal fees. The student becomes responsible to the collection agency for all contact and payment arrangements. Readmission to the College will not be permitted until the amount in collections is paid in full. A list of collection agencies used by the College may be found on the Rochester College website.

## REFUNDS AND CREDITS

### Withdrawal from College

In case of voluntary withdrawal, refunds for tuition, room, board, and certain fees are calculated according to Academic, Housing, and Federal refund policies. Tuition refunds will not be granted if a student withdraws after 5 weeks into the semester. Students who withdraw early may be responsible for remaining charges on their account due to even though the semester was not completed. Consult the Financial Aid Office and the Business Office for more information about the possible consequences of withdrawal.

Refund Schedule 2008-2009		
Fall Semester	Spring Semester	
August 18	January 5	100%
August 19 - August 26	January 6 - January 13	90%
August 27 - September 2	January 14 - January 20	80%
September 4 - September 10	January 21 - January 27	60%
September 11 - September 17	January 28- February 3	40%
September 18 - September 24	February 4 - February 10	20%
September 25 to the last day to withdraw	February 11 to the last day to withdraw	0%

### Course Refunds

Traditional enrollees who drop a course but remain enrolled in one or more courses will receive a refund for the dropped course(s) based on the chart above. Refund policies for the Center for Extended Learning are described on page 130-131. Students will not receive a refund if a dropped class does not result in a change in the tuition block (12 to 18 hours). Any drop or add that does not result in a net change in course load also will not be subject to a refund. Changes in course load may adversely affect a student's financial aid awards. Students should consult the Financial Aid Office and the Business Office prior to dropping a course.

## General Refund Policies

Tuition refunds for Maymester are based on the number of class periods. Students who choose to commute or withdraw between the first and last day of classes receive a refund of room and board charges calculated on a prorated basis. No refunds are granted for previous unused meals. Special fees may not be refunded. Room security deposits are refunded only when checkout procedures are completed within seven days of the date that residence halls close and keys have been returned.

The date withdrawal forms are submitted is the date used to calculate refunds (see above). In the case a request to withdraw is made by phone and the completed forms arrive at the College within one week of the request, the date of withdrawal is the date the forms are requested. Rochester College has no obligation to refund any charges if withdrawals or dismissals are due to misbehavior. Students involved in disciplinary situations may be required to repay college-funded awards.

Refunds may require up to 30 days for processing. Financial aid funds refunded to issuing programs are allocated in the following order: Stafford Loan, PLUS Loan, Perkins Loan, Pell Grant, Supplemental Educational Opportunity Grant, and institutional aid.

Students will receive a \$100.00 credit on their swipe card for 19-meal board plan and \$75.00 credit for 14-meal board plan. This credit can be used for cafeteria and café purchases, laundry expenses and making copies in the library. This credit carries over each semester a student is enrolled. This is a use it or lose it plan; students will lose this credit at the time they are no longer enrolled at the college. Any funds added to the card by the student may be returned to the student at the end of the semester, if the student requests it.

Military reservists called to active duty while a semester is in progress are encouraged to complete any partial semester work. If completion is not possible or takes longer than two calendar years after the time of activation, reservists will receive withdrawal grades for incomplete course work and tuition vouchers for the number of incomplete credit hours previously paid by the student and government-funded aid. The tuition voucher may be used at Rochester College for the same number of credit hours in any subsequent semester even if tuition rates are higher. Room and board charges are refunded on a prorated basis. Students with circumstances that warrant exceptions to refund policies should address a written appeal to the Controller.

## WITHDRAWAL FROM COLLEGE

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To withdraw from the College, obtain a withdrawal form from the Student Development Office and follow the steps below. Remote students may call the Student Development Office to obtain necessary forms. Withdrawals are considered official on the date of a phone call only if all forms are completed and returned within one week. Failure to complete this process may result in a grade of F in all classes and no refunds on accounts.

1. Visit the Dean of Students. Residents must also turn in room and mailbox keys and ID card, and leave a forwarding address for mail.
2. Return all outstanding materials to the library. Have librarian post any charges to the withdrawal form.
3. Visit the Academic Services office to be withdrawn from your courses.
4. Have a personal exit interview with the Financial Aid Director to assess whether additional financial aid may be available to cover current obligations, and to discuss loan repayment obligations.
5. Have a personal exit interview with the Student Accounts Manager in the Business Office. Refunds (room deposit etc.) will be calculated after 30 days when all charges and adjustments have cleared the Business Office.

### WITHDRAWAL POLICY

#### **Summary of the Requirements of 34 CFR 668.22**

**(provided to students as part of consumer information)**

#### **Treatment of Title IV Aid When a Student Withdraws After Beginning Attendance**

The law specifies how your school must determine the amount of Title IV program assistance that you earn if you withdraw from school. The Title IV programs that are covered by this law are: Federal Pell Grants, Academic Competitiveness Grants, National SMART grants, Stafford Loans, PLUS Loans, Federal Supplemental Educational Opportunity Grants (FSEOGs), and Federal Perkins Loans.

When you withdraw during your payment period or period of enrollment (your school can define these for you and tell you which one applies) the amount of Title IV program assistance that you have earned up to that point is determined by a specific formula. If you received (or your school or parent received on your behalf) less assistance than the amount that you earned, you may be able to receive those additional funds. If you received more assistance than you earned, the excess funds must be returned by the school and/or you.

The amount of assistance that you have earned is determined on a pro-rata basis. For example, if you completed 30% of your payment period or period of enrollment, you earn 30% of the assistance you were origi-

nally scheduled to receive. Once you have completed more than 60% of the payment period or period of enrollment, you earn all the assistance that you were scheduled to receive for that period.

If you did not receive all of the funds that you earned, you may be due a post-withdrawal disbursement. If the post-withdrawal disbursement includes loan funds, your school must get your permission before it can disburse them. You may choose to decline some or all of the loan funds so that you don't incur additional debt. Your school may automatically use all or a portion of your post-withdrawal disbursement (including loan funds, if you accept them) for tuition, fees, and room and board charges (as contracted with the school). For all other school charges, the school needs your permission to use the post-withdrawal disbursement. If you do not give your permission (which some schools ask for when you enroll), you will be offered the funds. However, it may be in your best interest to allow the school to keep the funds to reduce your debt at the school.

Your school must also get your permission before it can disburse directly to you any Title IV grant funds that are part of a post-withdrawal disbursement.

There are some Title IV funds that you were scheduled to receive that cannot be disbursed to you once you withdraw because of other eligibility requirements. For example, if you are a first-time, first-year undergraduate student and you have not completed the first 30 days of your program before you withdraw, you will not receive any FFEL or Direct loan funds that you would have received had you remained enrolled past the 30th day.

If you receive (or your school or parent receive on your behalf) excess Title IV program funds that must be returned, your school must return a portion of the excess equal to the lesser of:

1. your institutional charges multiplied by the unearned percentage of your funds, or
2. the entire amount of excess funds.

The school must return this amount even if it didn't keep this amount of your Title IV program funds.

If your school is not required to return all of the excess funds, you must return the remaining amount. Any loan funds that you must return, you (or your parent for a PLUS Loan) repay in accordance with the terms of the promissory note. That is, you make scheduled payments to the holder of the loan over a period of time.

Any amount of unearned grant funds that you must return is called an overpayment. The amount of a grant overpayment that you must repay is half of the grant funds you received or were scheduled to receive. You



must make arrangements with your school or the Department of Education to return the unearned grant funds.

The requirements for Title IV program funds when you withdraw are separate from any refund policy that your school may have. Therefore, you may still owe funds to the school to cover unpaid institutional charges. Your school may also charge you for any Title IV program funds that the school was required to return. If you don't already know what your school's refund policy is, you can ask your school for a copy. Your school can also provide you with the requirements and procedures for officially withdrawing from school.

If you have questions about your Title IV program funds, you can call the Federal Student Aid Information Center at 1-800-4-FEDAID (1-800-433-3243). TTY users may call 1-800-730-8913. Information is also available on Student Aid on the Web at [www.studentaid.ed.gov](http://www.studentaid.ed.gov).

# Financial Aid

There are many resources available to help meet the challenge of paying for college. Financial assistance is available from government, institutional, and many third party sources. Our commitment is to assist you in obtaining all aid for which you are eligible, while funds are available. Aid may be awarded based on academic merit, financial need, and/or campus involvement.

Rochester College participates in a variety of financial aid programs for the benefit of students. Students must meet the eligibility requirements of these programs in order to participate. Rochester College administers its financial aid programs in accordance with prevailing federal and state laws and its own institutional policies. Students are responsible for providing all requested documentation in a timely manner. Failure to do so could jeopardize the student's financial aid eligibility. In order to remain eligible for financial aid, a student must maintain satisfactory academic progress as defined in this catalog. More information about aid sources can be accessed from [www.finaid.org](http://www.finaid.org), [www.fastweb.com](http://www.fastweb.com), or [www.collegequest.com](http://www.collegequest.com).

Rochester College recommends that students apply for financial aid as early as possible in order to allow sufficient time for application processing. Financial aid must be accepted and approved, and all necessary documentation completed before the financial aid can be applied towards tuition and fees. Financial aid is awarded on an academic year basis; therefore, it is necessary to re-apply for financial aid for each academic year. Students may have to apply for financial aid more than once a year, depending on their date of enrollment. Students who need additional information and guidance should contact the Financial Aid Office.

Rochester College awards some institutional aid to qualified applicants enrolled full-time regardless of family income under the Traditional Program. Institutional aid will be adjusted according to the amount of Federal or State aid a student receives. Recipients of the Trustee Scholarship are not eligible to receive additional institutional aid. Failure to comply

with minimum grade requirements or College regulations may result in a loss of institutional awards.

The Financial Aid Office provides detailed descriptions of programs, qualifications, and minimum renewal requirements for institutional and government aid. The Financial Aid Office also designs financial aid packages which combine scholarships, grants, loans, and part-time employment to meet students' financial needs. Some institutional aid may not be available to students who live off-campus. See page 15 for residency requirements that affect financial aid. Exceptions may be considered when the residence halls are at capacity.

## HOW TO APPLY FOR MAXIMUM AID

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1. Complete the Rochester College Scholarship Application and return it to us as soon as possible during your senior year in high school. You must submit an "Application for Undergraduate Admissions" (accompanied by the \$35 fee) before you will be considered for RC scholarships.
2. Apply for a Federal PIN number at [www.pin.ed.gov](http://www.pin.ed.gov). Be sure to submit your email address as you should receive your pin within 72 hours. Parents of dependent students must also apply for a pin.
3. After you have received your pin number, and your parent receives his/hers (DEPENDENT STUDENTS ONLY), complete the Free Application for Federal Student Aid (FAFSA) at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). You may complete the FAFSA as early as January 1 of your senior year. To ensure you qualify for the maximum amount of financial aid, you should complete your FAFSA by March 1. Please be sure to list Rochester College as your first school choice in step 6 of the form. Our federal school code is 002288.
4. Shortly after your FAFSA has been processed, you will receive a Student Aid Report (SAR) in the mail. Please read it carefully. If everything is correct, simply retain the SAR for your records. If there are any errors or corrections that need to be made, please make them on-line at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). and then click the "Make Corrections to a Processed FAFSA" link. You will need your Federal Pin number in order to make the necessary corrections.
5. Once we receive your SAR from the government, if selected for verification, our office will contact you and inform you of the proper course of action. If you are not selected for verification we will send you an "offered" award letter listing all scholarships, state grants (if applicable) and federal aid (grants, work-study, and loans) for which you qualify.
6. Upon receiving the financial aid award letter, review the information carefully. Please initial the awards where indicated to "accept" or "deny"

and return it to the Financial Aid Office by the deadline (a postage-paid envelope will be included for this purpose). If additional information has been requested please submit it at this time also.

*\*Please note that award letters are based on information you supply; so are subject to change and require a response within 30 days, as we are continually seeking eligible students. A renewal FAFSA application must be completed for subsequent years.*

You may contact the Financial Aid office by phone at 800.521.6010, opt. 2, by fax at 248.218.2065, or by email at fa@rc.edu.

## ROCHESTER COLLEGE SATISFACTORY ACADEMIC PROGRESS POLICY FOR FINANCIAL AID RECIPIENTS

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Federal Law requires that financial aid recipients maintain satisfactory academic progress in a program of study that leads to a degree, certification or transfer program.

The following minimum requirements are used to measure a student's Satisfactory Academic Progress (SAP) towards the completion of a degree or certificate. These minimum requirements are:

- Cumulative Grade Point Average (CGPA) consistent with graduation requirements: 2.0
- Cumulative Completion Rate (CCR) of 67%, determined as follows:

Cumulative Credits Completed

Cumulative Credits Attempted

The following will not be considered as credits successfully completed: "F" Failing, "W" Withdrawal, and "I" Incomplete. In addition, remedial courses are not included in the maximum number of credit hours attempted or successfully completed toward completion of the degree when assessing satisfactory progress.

- Duration of eligibility, which is up to 150% of the program's length

A student must complete the requirements for the degree within 150% of the time it normally takes to complete the degree. Once a student has attempted 150% of the minimum credits required to graduate they are no longer eligible for financial aid.

Example: 128 credits required for a degree X 150% = 192 credit hours a student may attempt while working on the degree.

CEL: 120 credits required for a degree X 150% = 180 credit hours  
a student may attempt while working on the degree.

## MONITORING THE MINIMUM SAP REQUIREMENTS

(Due to the accelerated nature of the CEL program the academic actions process differs from the traditional by also being accelerated.)

### A. Cumulative Grade Point Average (CGPA)

At the end of each semester, the Registrar's office will review the student's file to determine if the student is maintaining the required minimum 2.0 CGPA.

Failing to maintain the required minimum 2.0 CGPA will result in the following sequential academic actions: Students will be notified in writing that an academic action has been taken. Academic action notices will be distributed after final grades are reported for the semester. Copies of academic suspension notices will be forwarded to the Financial Aid office.

1. Academic Alert: (Step 1 only for Traditional Students with less than 12 credits completed). Students not meeting the minimum CGPA requirement of 2.0 must spend a minimum of 6 hours per week in the ACE lab, take no more than 15 credit hours, and participation in extra-curricular activities will be suspended (the exception being activities supplemented with established academic support), and if employed by Rochester College the student will not work until cleared of academic actions.

To be reinstated, students must earn a CGPA of 2.0 or higher.

2. Academic Probation: (Step 2 for Traditional Students with less than 12 credits completed, Step 1 for all other Students). Students who do not meet the minimum CGPA requirement of 2.0 the semester after being placed on Alert are placed on Probation. Traditional students must log a minimum of 6 hours per week in the ACE lab, take no more than 12 credit hours, participation in extra-curricular activities will be suspended (the exception being activities supplemented with established academic support), and if employed by Rochester College the student will not work until cleared of academic actions.

To be reinstated students must earn a CGPA of 2.0 or higher.

3. Academic Suspension (Final Step for all Students). Students who do not meet the minimum CGPA requirement of 2.0 the semester after being placed on academic probation are placed on academic suspension. Students (regardless of academic standing) who do not pass any hours in a given semester are automatically suspended.

Students who are academically suspended may enroll for up to 6 hours of credit during the suspension semester; however, they are not eligible for financial aid from government or college sources.

To be reinstated students must earn a CGPA of 2.0 or higher.

## **B. Cumulative Completion Rate (CCR)**

In addition to maintaining the required minimum CGPA of 2.0 a student must also maintain a minimum completion rate of hours attempted of 67%. After the spring semester of each academic year, the Financial Aid office will determine the CCR for each student.

Failing to maintain the required minimum CCR of 67% will result in the following sequential CCR actions: Students will be notified in writing when a CCR action has been taken. CCR action notices will be distributed after final grades are reported for the spring semester. Copies of CCR suspension notices will be forwarded to the Academic Services office.

1. CCR Probation: If the student's CCR is below the required minimum of 67% the student will be placed on CCR probation until the following spring semester.
2. CCR Suspension: If the student's CCR is below the required minimum of 67% at the end of the following spring semester, the student will be placed on CCR suspension and will not be eligible for federal financial aid the following semester. The student will be notified by the Financial Aid office in writing that s/he is ineligible for federal financial aid.

Students will remain ineligible until they meet the required minimum CCR of 67%. The suspension notice will inform the student what s/he must achieve and the number of credits that must be successfully completed by the end of the following spring semester in order to meet the SAP requirements.

## **C. Duration of Eligibility—150% of the program's length**

A student must complete the requirements for the degree within 150% of the time it normally takes to complete the degree. Once a student has attempted 150% of the minimum credits required to graduate they are no longer eligible for financial aid. However, if there are extenuating circumstance the student may file an appeal.

Example: 128 semester hours required for a degree X 150% = 192 semester hours a student may attempt while working on the degree.

CEL: 120 semester hours required for a degree X 150% = 180 semester hours a student may attempt while working on the degree.

## APPEAL PROCESS

Students who have been placed on probation, suspension, or have exceeded the 150% limit may file an appeal if they have extenuating circumstances. Appeals may only be granted for the following: death of a relative, injury or illness of the student, or other special circumstances.

### **APPEAL MUST BE SUBMITTED TO THE APPROPRIATE OFFICE OR IT WILL NOT BE PROCESSED!**

Appealing the **CGPA** determination: Academic Services Office

Appealing the **CCR** determination: Financial Aid Office

Appealing the **150% limit**: Financial Aid Office

Students must submit to the following documentation to the appropriate office within 2 weeks of notification:

1. A letter of explanation for appeal
2. Third party documentation supporting the reason for your appeal

The documentation will be reviewed and students will receive written notification of the result of their appeal within two weeks from submission of their documentation. If the appeal is granted, the student will be able to receive aid for the term(s) listed in the notification; however, for financial aid eligibility to continue, students must meet the SAP requirements by the end of the term specified in the notification. All decisions are final.

## REPEATED COURSES

Courses that are repeated for which the student previously received a grade of "F" or "W" will count in the calculation of hours attempted. The first grade will not be included in calculating the CGPA.

## CHANGE OF DEGREE PLAN

Students wishing to change their degree plan should notify the Financial Aid Office on making a determination of eligibility for the new program of study. The SAP determination for the new degree will include the grades and credits attempted/earned that can be transferred into the new degree.

## ADDITIONAL DEGREE

Students wishing to change their degree plan should notify the Financial Aid Office, after receiving new degree approval from Academic Services, about making a determination of eligibility for the additional program of

study. The SAP determination for the additional degree will include the and credits attempted/earned that can be transferred into the new degree.

## TRANSFER CREDITS

Transfer credits earned at another institution that are accepted at RC toward the degree or certificate a student is currently pursuing shall be used in computing the total credits attempted and earned but will not be used in determining the CGPA.

Transfer credit may apply toward a traditional, degree, but is limited to no more than 34 semester hours toward the Associate degree and 98 hours toward the Bachelor degree. In the Center for Extended Learning, up to 47 semester hours may transfer toward an Associate degree, and up to 90 semester hours may be transferred toward the Bachelor degree completion program. For any degree, at least 50% of a student's major core must be earned at Rochester College.

## NON-SCHOLARSHIP METHODS OF FUNDING SPECIAL DISCOUNTS

### **Family Tuition Discount**

Two or more dependent children of the same immediate family concurrently enrolled full-time in a traditional program at Rochester College are each eligible for a fifteen percent (15%) tuition discount on the block rate. Students must be full-time boarding student unless living with parent.

### **Tuition Guarantee Discount**

Guarantee for interested students, that tuition increases will not exceed 2% per year over a five-year period from the first date of enrollment. Students must be full-time boarding student from first date of enrollment and maintain a minimum of 3.0 GPA .

## LOANS

### **Federal Perkins Loan**

Amounts awarded are based on annual legislation. Repayment and interest begins six months after last date of attendance, or when the student drops below half-time status. Payments may be extended over a ten-year period. Application is made directly to Rochester College by submitting the FAFSA form.

### **Federal Direct Stafford Loan**

Federal Direct Stafford loans are low interest loans. The loan must be used to pay for direct and/ or indirect educational expenses. Subsidized Stafford loans are need based while unsubsidized loans are not. Repay-



ment begins six months after the student graduates, withdrawals from school, or falls below half-time enrollment status.

### **Federal Direct PLUS Loan**

Federal Direct Plus loan is available to parents of dependent undergraduate students. These loans are not based on need but when combined with other resources cannot exceed the student's cost of attendance. A credit check is required and either or both parents may borrow through this program. Repayment begins within 60 days of final disbursement.

## **SPECIAL SOURCES OF AID**

### **Private Funds**

Churches, civic clubs, employers, and unions offer financial awards which are included in the total financial aid package when determining eligibility for government and some private assistance.

### **Veteran's Benefits**

Military veterans or immediate family of veterans, deceased or permanently disabled as the result of service, may qualify for assistance. For information, contact a Veterans Administration Office. Students may receive credit for training in the armed services or previous course work by sending an official transcript from each institution to the Academic Services Office. Academic Services must receive transcripts by the end of the first semester of enrollment. Some general education requirements may be waived based upon age, number of hours completed, and appropriate work experience. Records of academic work completed at Rochester College may be released to other institutions and agencies only upon written request. Students who are certified for Veterans Administration benefits but who fail to obtain the minimum cumulative GPA within one semester after being placed on academic alert may not be recertified until their cumulative GPA meets the minimum standards identified in the Academic Alert and Academic Progress Statements. Rochester College informs the Veterans Administration when students are not recertified due to lack of academic progress. While this policy does not affect the College's policies regarding academic probation and suspension, those policies do affect certification for veteran's benefits. The standards of progress and alert policies are found on page 44. Students within one semester (12 hours) of graduation may continue to be certified for veterans' benefits only with a cumulative GPA of 2.00 or higher, which meets requirements for both the Bachelor and Associate degrees. The above policies regarding certification for veteran's benefits supersede any and all previous statements of these policies.

## EMPLOYMENT

### Federal Work Study

This Federal aid program provides campus work for students with financial need. A similar program exists for Michigan residents. Students are encouraged to sign a form to apply all earnings directly to their student account. Student Payroll Deduction forms are located in the Business Office.

### Off Campus Employment

Area businesses often seek Rochester College students for part-time jobs. Full-time students are encouraged to work no more than 20 hours per week. Students on academic probation or academic alert are restricted to a maximum of 12 hours per week.

## INSTITUTIONAL DISCOUNTS AND SCHOLARSHIPS

Students must be enrolled full-time to receive institutional discounts and scholarships and may also be required to be campus residents. All discounts and scholarships are for a maximum of 10 traditional semesters (excluding Maymester) and a maximum of 18 hours per semester, unless otherwise indicated.

### Academic Achievement Scholarship

Applicants with a composite score of 21 or higher on the ACT (SAT 970) can qualify for an Academic Achievement Scholarship, based on the values in the following chart:

ACT Score	SAT Score	Annual Award	ACT Score	SAT Score	Annual Award
36	1600	9,000	28	1240-1270	3,000
35	1560-1590	9,000	27 <sup>2</sup>	1210-1230	3,000
34	1510-1550	9,000	26	1170-1200	2,500
33	1460-1500	6,000	25	1130-1160	2,500
32	1410-1450	6,000	24	1090-1120	2,000
31	1360-1400	5,000	23	1060-1080	2,000
30	1320-1350	4,000	22	1010-1050	1,000
29 <sup>1</sup>	1280-1310	4,000	21	970-1000	1,000

1 Trustee Scholarship Candidate

2 Presidential Scholarship Candidate

### Academic Achievement Scholarship—Transfer

Applicants transferring from other colleges or universities with at least a 2.75 college GPA and 17 or more college semester hours that applies to the general education core, can qualify for an Academic Achievement Scholarship, based on the values in the following chart:

College transfer GPA	Annual Award
3.75	4,000
3.5	3,000
3.25	2,500
3.0	2,000
2.75	1,500

### SCHOLARSHIP INFORMATION

Please check with our financial aid office for scholarship availability and requirements. All financial aid awarded will be based on available funding. Rochester College reserves the right to revise awards according to government regulations.

You may contact the Financial Aid office by phone at 800.521.6010, opt. 2, by fax at 248.218.2065, or by email at [fa@rc.edu](mailto:fa@rc.edu).

For a complete listing of current institutional scholarships, please visit the [www.rc.edu/getfinancialaid](http://www.rc.edu/getfinancialaid).

# Academics

Rochester College is dedicated entirely to the encouragement, support, and patronage of learning through academic research, excellent teaching, and definitive scholarship in the liberal arts. The College seeks to provide a climate where intellectual pursuit is exercised in the most favorable circumstances, where academic freedom is fully respected, and where inquiry, dialogue, and discernment are foundational. All professors are deeply committed to Christian faith and practice, and to the central educational task of expanding and enabling the life of the mind.

## ACADEMIC ACCREDITATION

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Rochester College is accredited by the Higher Learning Commission and is a member of the North Central Association (30 North LaSalle, Suite 2400, Chicago, Illinois, 60602. Phone 312.263.0456). The college is also a signatory of the MACRAO Articulation Agreement and the Universal Transfer Agreement, which facilitates the transferability of credits between this and other Michigan institutions.

## ACADEMIC CENTER FOR EXCELLENCE

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The Academic Center for Excellence (ACE) has been instituted to facilitate a successful college experience for each student. The ACE staff is responsible for tracking students' attendance, course progress, and a wide variety of special needs. The ACE lab, staffed by trained tutors and assistants, is located in room 121 of the Richardson Center. Students under academic alert, probation, or suspension will be required to seek assistance from the lab; this facility, however, is also available on a voluntary basis for students of normal academic standing. Students who experience difficulty in their course work should express these concerns to their instructor, but the ACE lab exists to help them.

The college also provides Supplemental Instruction for select courses, including optional study sessions led by students with a high degree of success in each course. For more information, contact the ACE Lab at 248.218.2173 or email [ACELab@rc.edu](mailto:ACELab@rc.edu).

## ACADEMIC STATUS

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### **Academic Alert**

Students who are admitted to Rochester College as FTIAC and do not meet the minimum acceptance standards will be placed on academic alert. Students on alert must spend a minimum of six hours per week in the ACE lab. They will also reduce their load to no more than 15 credit hours, and all participation in extra-curricular activities (scholarshipped or not) will be suspended until the student is off academic actions. It is recommended that students on alert reduce their employment to a maximum of 12 hours per week. Exceptions may be made, at the discretion of the academic dean, for extra-curricular activities that are complemented with established forms of academic support. To clear alert status, students must earn a cumulative GPA higher than the levels indicated above during the first semester after being placed on alert.

### **Academic Probation**

Students whose cumulative GPA drops below 2.0 are put on academic probation. They must log a minimum of six hours per week with the ACE lab. They may not take more than 12 credit hours. It is recommended that employment be reduced to no more than 9 hours, and all participation in extra-curricular activities (scholarshipped or not) will be suspended until the student is off academic actions. They must work closely with their instructors and advisors, and the academic dean may mandate a structured system of progress reporting.

### **Academic Suspension**

Students who do not meet the above minimum standards the semester after being placed on academic probation are placed on academic suspension. Students who do not pass any hours in a given semester are automatically suspended.

Students who are academically suspended may enroll for up to six hours of credit during the suspension semester, but are not eligible for financial aid from government or college sources. If a 2.0 GPA is attained during that semester, suspended students may then appeal to recover full-time status.

In order to be removed from academic suspension, the student's cumulative GPA must be at least 2.0. Written appeals to return at the end of the suspension must follow a specific format. The Academic Life Committee makes the final decision to accept or reject the appeal. Further details can be obtained from the Academic Services Office or on [warrior.net.rc.edu](http://warrior.net.rc.edu). Written appeals must be submitted to the Registrar.

### **Appeals**

Disputes regarding course grades, class policies, or other issues should be discussed with the appropriate instructor. If the instructor does not

resolve the matter, complaints should be directed to the Department Chair and the Faculty Affairs Committee (in that order). A written appeal, detailing the complaint, must be sent to the Faculty Affairs Committee within one semester of the incident or grade report. Two copies of the complaint must be submitted in person to the Dean of the appropriate college. The Faculty Affairs Committee issues a final decision.

## COURSE INFORMATION

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### ATTENDANCE POLICY

Rochester College expects regular and punctual attendance, which is checked by each instructor and may affect final course grades. Students are responsible for reading the attendance policy explained in each class syllabus. Students accumulating more than three weeks of absences in any one course will not be able to pass the course. **It is the responsibility of the student to withdraw from the course before the last day to withdraw** (October 27 for fall 2008 semester, March 24 for spring 2009 semester). If a student accumulates more than three weeks of absences during the semester, and does not withdraw by the last day to withdraw, the student will receive a grade of F for the course. **Note:** Students who do not attend the **first three weeks** of any class will be administratively dropped from the class, and charged a \$25 drop fee.

One week of institution-approved absences per course may be added for College-sponsored activities that require frequent travel. Students are normally not allowed to accumulate more than the equivalent of three weeks of class absences. Students may request an incomplete grade from the Registrar if absences result from unavoidable reasons such as extended illness that is documented by a doctor. Minor illnesses and other personal needs, however, are to be covered by the number of personal absences allowed by the instructor. To drop a class, students must submit a drop form (available in Academic Services) to the Registrar prior to the class drop deadline. Each drop form incurs a \$25 drop fee.

Instructors do not have to allow makeup of daily in-class work regardless of excuse. Major assignments and examinations may be made up for doctor-documented illnesses and institutionally-approved absences granted by the Academic Services Office. Students must request a makeup within one week of the absence, or the instructor is not obligated to allow the makeup work. For institutionally approved absences, students must make arrangements with the instructor prior to the absence.

### AUDIT

For a reduced fee, students may take a specific course without being re-

sponsible for class assignments and tests. Faculty, however, may choose not to grade assignments completed on an audit basis. Traditional and nontraditional students may take advantage of the audit option. If space in a particular class is limited, matriculating students have enrollment priority over students auditing the course.

## CHRISTIAN VALUES REQUIREMENT

The Christian Values Requirement of the general education core (see page 55) consists of 15 semester hours for students pursuing the Bachelor degree and 9 hours for those pursuing the Associate degree. Transfer students in the Bachelor degree program must complete the requirements at the right. The credits transferred must be applicable to the chosen degree program.

Credits Transferred	Religion Requirement
1-15	15
16-47	12
48+	9
Students who only need 12 hours are exempted from the "Any other Religion" requirement; students who only need 9 hours are exempted from "Any other Religion" and "BIB Textual" requirements.	

## CLASSIFICATION

Classification is based on total credit hours completed by the end of the semester. Transfer students are unclassified until prior credits are posted to their Rochester College transcript. Thirty hours are required for sophomore status, sixty hours for junior status, and ninety hours for senior status.

## CONCURRENT ENROLLMENT

Certain courses offered by other local colleges and universities are available to Rochester College students who make use of the guest enrollment option. Students are responsible for tuition and fees at other institutions. See the Academic Services Office for details and an application. Students receiving financial aid should also confer with the Financial Aid office, since guest enrollment may affect financial aid eligibility. Students who wish to take courses from both the Center for Extended Learning and one of the traditional colleges should refer to the policies outlined on page 125.

## COURSE CHANGES

Students may add or drop courses until the end of the first week of classes each semester, after which full-term courses may not be added and withdrawals are noted as "W" on transcripts. Withdrawals are not allowed after the date published on the college calendar. The Academic Services Office provides drop dates for classes that meet less than the full term.

## COURSE LOAD

A full-time load is considered to be 12 or more credit hours per semester, and an average load is 16 hours. Heavy loads of 19 or more hours must be approved by the academic dean. Nine to 11 hours constitute a three-quarters-time load, and 6 to 8 hours constitute a half-time load.

## DISABILITY ACCOMMODATIONS

It is the policy of Rochester College to comply with Section 504 of the Rehabilitation Act of 1973 and with the Americans with Disabilities Act of 1990 in providing reasonable accommodations to qualified students with disabilities. The College also regards these accommodations to be an essential and logical consequence of its stated Christian orientation.

A qualified student with a disability is a person who meets the academic and nonacademic admission criteria essential to participate in the program in question and who, with or without reasonable accommodation, can perform the essential functions of the program or course requirements.

Human Resources facilitates reasonable accommodations and support services for any qualified student with a properly documented disability. A disability is a physical or mental impairment that substantially limits one or more major life activities. Written documentation from an appropriate professional is required. For a complete description of the policies and procedures associated with disability accommodations, please refer to the Human Resources office.

## WRITING PROFICIENCY REQUIREMENT

As explained on page 53, one of the general requirements for graduation is demonstrating college-level proficiency in writing by one of the following methods:

1. Completing ENG 1123 (Composition B) at Rochester College with a grade of C or better.
2. If a grade of C or better is not earned in Composition B, the student may elect to satisfy the requirement by taking the COMPASS E-write exam. The cost of the exam is the responsibility of the student. Student must achieve a satisfactory score on the COMPASS E-write exam in order to satisfy the English proficiency requirement.
3. Taking and satisfactorily completing ENG 1133 Fundamentals of Composition with a C or above, a third required composition course for those who do not achieve a satisfactory score on the COMPASS E-write or for those who elect to take this class in lieu of taking the COMPASS.
4. Passing English 4523 with a grade of C or above.



The COMPASS E-write exam **MUST** be taken before a student's last semester at Rochester College. If the student fails to meet the English requirement before his or her last semester, he or she must be enrolled in ENG 1123 or ENG 1133 during that final semester and pass with a C or better.

## INDEPENDENT STUDY

Instructors may sometimes offer courses through independent study. These courses do not meet on a structured basis but do include regular meetings with the instructor. These courses do not fulfill general education requirements unless approved by the academic dean. Eligible students for independent study courses must not be on academic alert or probation, must not be enrolled in their first term, and must receive permission from the instructor and the academic dean.

## INCOMPLETES

Students are eligible for incomplete grades only when they cannot complete a course for unavoidable reasons such as extended illness. Applications for one or more incompletes are obtained at the Academic Services Office and should be submitted to the instructor(s) and the Registrar prior to the end of the term in which the incomplete(s) are requested. The instructor(s) will specify the requirements needed to complete the course. Students will be notified of approval or disapproval. An incomplete grade (I) is changed to F if the student does not complete the course within three months of the close of the semester.

## DUAL DEGREE

Students are permitted to earn a second Bachelor degree by completing at least 32 hours beyond the first degree. Students must meet all requirements for the second degree.

## DUAL MAJOR

Students who wish to complete a dual major may do so by completing at least 27 hours of course work related to the additional major and beyond the requirements of the first degree. Students must meet all requirements of the two major programs within the same degree.

## FINAL EXAMS

Students are expected to take final examinations on the announced dates and not before that time. Subject to instructor approval, special circumstances may allow for late completion of final examinations.

## FRESHMAN SEMINAR

Since the fall of 2003, Rochester College has required a seminar for first-time freshmen. While experiencing a variety of disciplines, students will ground themselves in the fundamental skills necessary for success in a collegiate atmosphere. Students who received a grade of 'F' in SEM 1002 Freshman Seminar are required to complete PSY 1012 Life Learning Skills.

## REPEATING COURSES

Students may improve final course grades by repeating courses. All grades appear on a permanent academic record but only the last grade for a repeated course is counted toward graduation requirements and cumulative GPA. Repeated courses incur a regular tuition charge.

## SPECIAL COURSES

With approval of the academic dean, instructors may offer special courses not listed in the College catalog. These courses meet regular hours and carry requirements similar to courses in the regular curriculum. Qualified students may enroll without normal independent study limitations.

## GLOBAL EDUCATIONAL OPPORTUNITIES

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In a world rapidly shrinking through expanding telecommunications and intercontinental travel, an important component of post-secondary education involves studying in other countries and cultures. Rochester College students are offered numerous opportunities for such experiential learning. They may participate in a fifteen-week fall study-abroad program in Europe with the base site located in Vienna, Austria. Between 12 and 18 hours of general education core credits in language, literature, art, history, religion and culture may be taken. Other short-term (two to four week) programs are offered over the winter break and in the summer. Sites in consideration include the Holy Lands, Turkey, China, and Italy. For more information about GEO, contact program director David Keller at [dkeller@rc.edu](mailto:dkeller@rc.edu).

## GRADES

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Grades for academic work appear as follows on reports and transcripts:

Grade	Percentage	Quality Points
A	93-100%	4.0
A-	90-92.9%	3.7
B+	87-89.9%	3.3
B	83-86.9%	3.0
B-	80-82.9%	2.7
C+	77-79.9%	2.3
C	73-76.9%	2.0
C-	70-72.9%	1.7
D+	67-69.9%	1.3
D	63-66.9%	1.0
D-	60-62.9%	0.7
F	59.9% and below	0.0

In addition, the following marks may be used on an academic record:

- I** (Incomplete)—must be completed within three months or grade is changed to F
- P** (Passing)—not calculated in GPA
- R** (Repeat)—most recent grade used in GPA, all entries remain part of permanent record
- W** (Withdrawal)<sup>1</sup>—not calculated in GPA
- AU** (Audit)—not calculated in GPA

Grades will be available on [warrior.net.rc.edu](http://warrior.net.rc.edu) 24 hours after they have been posted. Students who need a printed report may request a copy from Academic Services.

<sup>1</sup> Withdrawals are noted as W on transcripts after the first week of classes.

## GRADUATION

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Rochester College holds commencement in December and May. Attendance is recommended but not required to graduate. A student may not participate in the commencement ceremony if any degree requirements remain outstanding. If a student is uncertain about meeting graduation requirements, he or she should contact the registrar the semester preceding his or her final term.

Each semester, students review their academic progress with their academic advisor. Students starting their final semester must submit a graduation application to Academic Services and pay the graduation fee. Application deadlines for December and May commencement are November

1 and March 1, respectively. The registrar must receive transcripts from other institutions by the application deadline. If they have not been received by the appropriate date, the student may participate in a subsequent commencement provided all documentation has been received. Exceptions may be made for Technical and Professional Studies and Mass Communication/Broadcasting majors. Requests for graduation requirement waivers or course substitutions must be submitted in writing to the Registrar by no later than October 15 for a fall commencement, or February 15 for a spring commencement. **All financial obligations to the college must be fulfilled prior to receipt of transcript or diploma.**

## HONORS

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Dean's List requirements per semester are at least 12 credit hours, a minimum 3.30 GPA, no grade below a C, and no incompletes. Rochester College graduation honors are: Summa Cum Laude (at least 3.85 GPA), Magna Cum Laude (3.60), or Cum Laude (3.30). Honors are based on all college work at Rochester College. Forty-five or more semester hours of course work at Rochester College are required for honors at graduation. Honors are not available for A.A. or A.S. graduates.

## NONTRADITIONAL CREDIT

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### FORMS OF NONTRADITIONAL CREDIT

Some students may take advantage of nontraditional opportunities to receive credit for prior training that equates to college-level learning. Testing services (64 hours maximum) and professional schools and training (30 hours maximum) may be counted toward college credit, but not toward the 30-hour residency requirement. A combined maximum of 32 hours toward the Associate degree or 64 hours toward the Bachelor degree may be available through nontraditional avenues.

#### **Advanced Placement**

High school students may take Advanced Placement (AP) Examinations. The college awards credit for some freshman courses based on AP scores of three, four, or five. Rochester College does not assess grades or fees on Advanced Placement credit. Contact the Academic Services Office in the Muirhead Center for equivalencies.

#### **College Level Examination Program (CLEP)**

Rochester College offers credit for successful completion of certain CLEP exams. Students must attain the CLEP standard passing score to receive credit. In addition to the standard testing service fee, the College charges a fee for posting qualifying scores. Students may not seek

CLEP credit for courses which they failed in regular attendance or by examination. CLEP tests must be taken during the first two semesters a student is enrolled at Rochester College; however, a student may not receive credit for a test taken during his or her final semester. Students may take CLEP exams at other testing centers. Contact the Director of Career Services in Campus Center for appointments, deadlines for testing, and course equivalencies.

### **DANTES Subject Standardized Testing Program (DSST)**

The college also offers credit for successful completion of selected DSST exams. Students must attain the DSST standard passing score to receive credit. In addition to the standard testing service fee, the college charges a fee for posting qualifying scores. Students may not seek DSST credit for courses already failed in regular attendance or by examination. Contact the Director of Career Services in the Campus Center for information.

## **REGISTRATION**

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Students are expected to register for classes before the semester registration deadline. A student's registration may be considered void if he or she does not attend one of the first two meetings of class. Late registration is permitted through the end of the first week of classes each semester. Satisfactory payment arrangements are required to complete the registration process.

## **TRANSCRIPTS**

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Each transcript request incurs a \$5 fee. Transcripts will not be released unless student accounts are paid in full and the Business Office grants approval. Government student loan authorities may place liens against transcripts for students who fail to comply with requirements. Students must sign a written authorization for transcript releases.

# Degree Information

Each student is personally responsible for understanding and completing the requirements listed in his or her degree plan. Academic advisors are assigned by the College to help each student manage this responsibility.

## DEGREE PLANNING

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Students may choose a degree plan from any Rochester College catalog published during their most recent enrollment. Students who re-enroll after an absence of 12 months or more may only be re-admitted under the latest degree plan offered for the degree and major being pursued. Students who plan to transfer to another college to complete a major not offered at Rochester College should provide their academic advisors with a catalog from the other institution. They should do this early in the advising process. The student is solely responsible for knowing all degree requirements for both schools.

## GENERAL REQUIREMENTS

To earn a degree, students must meet the following requirements in addition to the courses required by the Bachelor degree program:

1. Complete a minimum 128 semester hours, including at least 36 hours of upper-division work.
2. Achieve a minimum 2.00 cumulative GPA.
3. Achieve a minimum 2.00 GPA in chosen major or higher if required for a specific major.
4. Complete at least 24 of their last 36 hours at Rochester College (12 of the last 18 for an Associate degree).
5. Demonstrate college-level writing proficiency by completing one of the following: ENG 1123 (at RC) with a grade C or above; pass the COMPASS E-write exam\* with a satisfactory score after completing ENG 1113 and 1123; or ENG 1133 with a C or above; or ENG 4523 with a C or above. \*Cost of testing is the responsibility of the student.

## BACHELOR DEGREE OPTIONS

<b>Associate of Arts (AA)</b> .....	56
<b>Associate of Science (AS)</b> .....	57
<b>Bachelor of Arts (BA)</b>	
Biology.....	101
Communication.....	66
English.....	72
History .....	76
Interdisciplinary Studies.....	85
Interdisciplinary Studies with Honors .....	87
Interdisciplinary Studies—Pre-Med.....	84
Music .....	80
<b>Bachelor of Business Administration (BBA)</b>	
Accounting.....	108
Management .....	110
Marketing.....	111
Sports Management.....	112
<b>Bachelor of Science (BS)</b>	
Behavioral Science .....	62
Biblical Studies.....	96
Biology.....	101
Christian Ministry .....	97
Communication.....	66
Education, Elementary .....	116
English Education.....	73
History Education .....	77
Integrated Science Education .....	103
Language Arts Education .....	74
Mathematics Education.....	104
Social Studies Education .....	78
Education, Secondary .....	117
Biology Education.....	102
English Education.....	73
History Education .....	77
Mathematics Education.....	105
English.....	72
History .....	76
Interdisciplinary Studies.....	85
Mass Communication.....	66
Music .....	80
Psychology .....	61
Technical and Professional Studies .....	119
Youth and Family Ministry .....	98

## GENERAL EDUCATION

To receive the BA or BS degree, students must complete the General Education core. Alternate standards are listed on page 19 for transfer students holding the Associate degree. Transfer student variations in the Christian Values Requirement are listed on page 46.

REQUIREMENTS FOR THE GENERAL EDUCATION CORE		
Christian Values		15
REL 1003 Introduction to the Christian Faith	3	
REL 1013 Survey of Biblical Literature	3	
BIB 2000 (or higher) textual	3	
Any other Religion (including PHI) 2000 or 3000 level or ENG 2013	3	
PHI 2013 Introduction to Philosophy OR PHI 2933 Introduction to Ethics	3	
Communication		9
COM 1013 Communication Basics	3	
ENG 1113 Composition A	3	
ENG 1123 Composition B	3	
Humanities		6
Fine Arts Appreciation (from ART 2003; FLM 2013, 2423; MUS 2303, 3333; THE 2003)	3	
Literature (from ENG 2013, 2413, 3213, 3223, 3313, 3323)	3	
Physical Education		2
Any PED activity course <sup>1</sup>	2	
Science and Mathematics		9
Natural Science (must include one lab course)	6	
MAT 1103 or above <sup>2</sup>	3	
Social Science		9
Any HIS	3	
Any POS	3	
From BUS 2403, 2413; COM 3533; GEO 1013, 3113; any HIS; any PHI; any POS; PSY 2013, 2113, 2223; SOC 2013, 2023, 2033, 2453; SWK 2013	3	
<b>TOTAL GENERAL EDUCATION CORE</b>		<b>50</b>

<sup>1</sup> Veterans may satisfy this requirement through basic training.

<sup>2</sup> Waived for Math ACT score of 25 or above and replaced with electives.



## ASSOCIATE OF ARTS DEGREE

The Associate of Arts (AA) degree is available for students who do not intend to complete a four-year program. The AA requires completion of at least 64 hours (with at least 15 hours taken at Rochester College), including divisional requirements, and a 2.00 minimum cumulative GPA.

REQUIREMENTS FOR THE ASSOCIATE OF ARTS DEGREE		
Christian Values		9
BIB 2000 (or above) Textual	3	
REL 1003 Introduction to the Christian Faith	3	
REL 1013 Survey of Biblical Literature	3	
Communication		9
COM 1013 Communication Basics	3	
ENG 1113 Composition A	3	
ENG 1123 Composition B	3	
Humanities		6
Fine Arts Appreciation (from ART 2003; FLM 2013, 2423; MUS 2303, 3333; THE 2003)	3	
Literature (from ENG 2013, 2413, 3213, 3223, 3313, 3323)	3	
Physical Education		2
Any PED activity course <sup>1</sup>	2	
Science and Mathematics		9
Natural Science (must include one lab course)	6	
MAT 1103 or above <sup>2</sup>	3	
Social Science		9
Any HIS	3	
Any POS	3	
From BUS 2403, 2413; COM 3533; GEO 1013, 3113; any HIS; any PHI; any POS; PSY 2013, 2113, 2223; SOC 2013, 2023, 2033, 2453; SWK 2013	3	
Electives		20
<b>TOTAL FOR ASSOCIATE OF ARTS DEGREE</b>		<b>64</b>

1 Veterans may satisfy this requirement through basic training.

2 Waived for Math ACT score of 25 or above and replaced with electives.

## ASSOCIATE OF SCIENCE DEGREE

The Associate of Science (AS) degree is available for students who intend to transfer to another college or university to complete a pre-professional program not offered by Rochester College. The AS requires completion of at least 64 hours (with at least 15 hours taken at Rochester College), including divisional requirements, and a 2.00 minimum cumulative GPA.

REQUIREMENTS FOR THE ASSOCIATE OF SCIENCE DEGREE		
Christian Values		9
BIB 2000 (or above) Textual	3	
REL 1003 Introduction to the Christian Faith	3	
REL 1013 Survey of Biblical Literature	3	
Communication		9
COM 1013 Communication Basics	3	
ENG 1113 Composition A	3	
ENG 1123 Composition B	3	
Humanities		6
Fine Arts Appreciation (from ART 2003; FLM 2013, 2423; MUS 2303, 3333; THE 2003)	3	
Literature (from ENG 2013, 2413, 3213, 3223, 3313, 3323)	3	
Physical Education		2
Any PED activity course <sup>1</sup>	2	
Science and Mathematics		11
Laboratory Science Sequence	8	
MAT 1103 or above <sup>2</sup>	3	
Social Science		9
Any HIS	3	
Any POS	3	
Any Social Science (as defined in the AA plan)	3	
Additional Science		14
From BIO; CHE; MAT 1334 or above; and/or NSC; PHS		
Electives		4
<b>TOTAL FOR ASSOCIATE OF SCIENCE DEGREE</b>		<b>64</b>

1 Veterans may satisfy this requirement through basic training.

2 Waived for Math ACT score of 25 or above and replaced with electives.

# College of Arts and Sciences

Jeffery Simmons, *Dean*  
John Barton, *Associate Dean*

## Department of Behavioral Sciences

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(PSY, SOC, SWK)

Gordon MacKinnon (Chair), Sarah Reddick,  
Robyn Siegel-Hinson, Brian Stogner

### **MISSION STATEMENT**

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The Department of Behavioral Sciences supports majors designed for the student planning for graduate work in psychology and other related fields. The curriculum is designed to develop strong skills in the theory and practice of the science of psychology, with an emphasis on dealing with the emotional, mental, social, and spiritual needs of others. Courses in social work are designed to prepare students for graduate work in the field of social service. Courses place an emphasis on the Christian model of service.

### **ACADEMIC OPPORTUNITIES**

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Rochester College offers the Bachelor of Science degree with a Psychology major or a Behavioral Science major with a track in Social Work. Interdisciplinary studies majors may choose a psychology concentration as part of the Bachelor of Arts or Bachelor of Science degree. Minors are available in behavioral science and psychology.

## CAREER OPPORTUNITIES

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A major in Psychology or Behavioral Science may lead to entry-level jobs in crisis intervention centers, counseling clinics, community service agencies, or other social agencies. These majors are primarily designed to be used in preparation for graduate studies in psychology, psychotherapy, professional counseling, or social work. The psychology major also supports graduate work in experimental, applied, academic, theoretical, or professional psychology (clinical, counseling, or school psychology, or marriage and family therapy). Psychology graduates are also often sought by employees in sales, public relations, or other human services and resources.

## ADMISSION TO THE BEHAVIORAL SCIENCES PROGRAM

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All students seeking a degree with a major in Psychology or Behavioral Science must apply for and be admitted to the Behavioral Science Program or the Psychology Program prior to enrolling for any upper-level courses offered by the Behavioral Science Department. This process is in addition to the general admittance to Rochester College.

### ADMISSION CRITERIA

The following must be documented at the time of application:

- Minimum cumulative GPA of 2.50.
- Completion of 30 hours, including the following core courses:
  - ENG 1113 English Comp A
  - ENG 1123 English Comp B
  - MAT 1103 Intermediate Algebra (or any higher level MAT)
  - PSY 2013 General Psychology
  - PSY 2223 Lifespan Development / PSY 2113 Psych. of Adjustment
- Must complete lower level Psychology/Social Work Core courses with a grade of C or higher.
- Complete the Autobiographical and Professional/Career Goals Statement for the Behavioral Sciences Department.

## APPLICATION PROCESS

1. Obtain from Academic Services and complete an Application for Admission to the Department of Behavioral Sciences for either Psychology or Behavioral Science–Social Work.
2. Return the application to the Chair of the Department of Behavioral Sciences prior to the established deadlines for application:  
**Fall**—Monday after Thanksgiving; **Spring**—Second Monday of April
3. The Department of Behavioral Sciences will review applications of all candidates for both Psychology and Social Work. All applicants will be notified of their admission status by letter from the Department of Behavioral Sciences.

## PSI CHI—National Honor Society in Psychology

The Behavioral Sciences Department is a sponsor for Psi Chi, The National Honor Society in Psychology, which offers opportunities for students who excel in their academic coursework in their respective Behavioral Sciences programs. Psi Chi was founded in 1929 for the purposes of encouraging, stimulating, and maintaining excellence in scholarship, and advancing the science of psychology. Rochester College became a local chapter in 1997. Membership is open to undergraduate students in both the Traditional college and the Center for Extended Learning. Students invited to join Psi Chi have shown a significant interest in Psychology and must meet the minimum requirements for undergraduate students:

- Must be enrolled as a student at Rochester College.
- Must have established a GPA by completing at least two semesters at Rochester College.
- Must be at least a second-semester sophomore.
- Must be enrolled as a major or minor in a psychology program or a program psychological in nature that is equivalent to a psychology major.
- Completion of 9 semester hours (3 courses) or 14 quarter hours of psychology.
- Undergraduates who are elected to Psi Chi must have an overall cumulative GPA of 3.00 (on a 4.00 scale) and rank in the upper 35 percent of their class in general scholarship. They must also demonstrate superior scholarship in psychology, earning a minimum GPA in psychology courses of 3.00 (on a 4.00 scale).
- Psi Chi accepts the policy of the institution regarding grades.
- High standards of personal behavior.

Undergraduate students who have transferred to a new institution and are interested in becoming a Psi Chi member must meet the requirements listed above, plus complete two semesters at the new institution to establish a GPA and complete 9 hours of psychology courses at the new institution. See Psi Chi's website at [www.psiichi.org](http://www.psiichi.org) for additional information.

# DEGREE REQUIREMENTS

## BS with Psychology Major

Presents a broad study of human behavior and insight into psychology as a scientific discipline and professional career. Graduate work is required to certify for practice in most agencies and for licensure as a private therapist.

REQUIREMENTS FOR THE BS IN PSYCHOLOGY		
General Education Core		50
PSY 2013 General Psychology (part of social science req.)	3	
Psychology Major		35
PSY 3303 Statistics for the Behavioral Sciences	3	
PSY 3323 Research Methods in the Social Sciences	3	
PSY 4893 Psychology Seminar	3	
PSY 4942 Ethics in Behavioral Science	2	
Non-laboratory Core: choose 9 hours PSY 2113 Psychology of Adjustment PSY 2223 Life Span Development PSY 3013 Psychology of Personality PSY 3033 Abnormal Psychology PSY 3043 Brain and Behavior PSY 3053 Health Psychology PSY 3093 History and Systems of Psychology PSY 3123 Social Psychology PSY 3143 Psychology of Religion	9	
Laboratory Core: choose 7 hours PSY 3503 Cognitive Psychology PSY 3514 Learning and Memory PSY 3524 Sensation and Perception	7	
Advanced Core: choose 8 hours PSY 3203 Child Development PSY 3213 Adolescent Development PSY 3223 Psychology of Adulthood and Aging PSY 3313 Introduction to Psychological Assessment PSY 3403 Introduction to Psychotherapy and Counseling PSY 3423 Diversity and Cross-Cultural Psychology PSY 3433 Industrial/Organizational Psychology PSY 4423 Psychology of Group Processes PSY 4911, 4912, or 4913 Directed Research PSY 4921, 4922, or 4923 Directed Readings Other PSY approved by Department Chair	8	
Minor (recommended)		18
Electives		25
<b>TOTAL FOR PSYCHOLOGY MAJOR</b>		<b>128</b>

PROGRAM DESCRIPTIONS

## BS with Behavioral Science Major

This major features a track in social work. It includes a practicum in the student's chosen field of study. Graduate studies normally are required to certify for practice in most agencies and for licensure as a private therapist.

REQUIREMENTS FOR THE BS IN BEHAVIORAL SCIENCE		
General Education Core		50
PSY 2013 General Psychology (part of social science req.)	3	
Behavioral Science Major		23
PSY 2223 Life Span Development	3	
Choose one: PSY 3013 Psychology of Personality PSY 3093 History and Systems of Psychology	3	
PSY 3303 Statistics for the Behavioral Sciences	3	
PSY 3323 Research Methods in the Social Sciences	3	
PSY 3403 Introduction to Psychotherapy and Counseling	3	
PSY 3423 Diversity and Cross-Cultural Psychology	3	
SWK 4893 Field Practicum	3	
PSY 4942 Ethics in Behavioral Science	2	
Track: Social Work		18
PSY 3413 Substance Abuse and Addictive Behaviors or PSY 4423 Psychology of Group Processes SWK 2013 Introduction to Social Work SWK 3003 Human Behavior and the Social Environment SWK 3103 Social Welfare and Public Policy SWK 4403 Social Work Practice I SWK 4413 Social Work Practice II		
Minor (recommended)		18
Electives		19
<b>TOTAL FOR BEHAVIORAL SCIENCE MAJOR</b>		<b>128</b>

## MINORS

**Behavioral Science Minor**—Requires 18 hours of PSY, SOC, SWK 2000 level or above, including six upper-division hours.

**Counseling Minor**—Requires 12 hours of PSY or SOC and six hours from MIN 3613; PSY 3403, 3413, 4403, 4413, 4423; PSY 4493; or SWK 3003.

**Psychology Minor**—Requires 18 hours of PSY, including six upper-division hours, for a psychology minor, and/or SWK 3003.

**Social Work Minor**—Requires six hours of PSY and/or SOC and 12 hours of SWK, including six upper-division hours.

# Department of Communication

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(COM, JRN, MED, RHE)

Kent Hoggatt, Lora Hutson (Chair), Andrew Kronenwetter

## MISSION STATEMENT

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The mission of the Department of Communication is to enable students to think critically and to communicate clearly, effectively and ethically. The department is committed to helping students strive for great thoughts, meaningful interaction and powerful communication. Department courses and programs promote the intersection of faith and learning, acquainting students with the ways modern philosophies and popular thinking coincide and/or conflict with Christian thought.

## ACADEMIC OPPORTUNITIES

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The Bachelor of Arts in Communication offers tracks in Media Studies, Speech, Theatre Promotions and Theatre. Developing excellent communication skills are vital in today's complex society. Communication studies help students explore and understand communication problems and practices in all segments of life from the personal to the professional.

The department also offers the Bachelor of Science in Mass Communication with tracks in Broadcasting, Graphic Design and Public Relations. The Broadcasting and Graphic Design tracks provide students with a unique educational opportunity through a partnership between Rochester College and Specs Howard School of Broadcast Arts.

The Broadcasting track incorporates the technical training in either radio and/or video production at Specs Howard School with in-depth explorations of theory and scholarship in media at Rochester College. The curriculum is designed to help students expand their understanding of communication, and develop essential skills needed to succeed and advance within the media industry. Broadcasting students also gain supervised field experience in a radio or television internship.

The Graphic Design track trains students in the fields of graphic and web design at Specs Howard School combined with thorough study and analysis of media at Rochester College. The curriculum will help students think critically and communicate clearly, effectively and ethically. This unique combination will prepare students for work in graphic



design, which is a growing field with the advent of interactive websites, podcasting, Internet streaming and other cutting edge technologies. At Specs, students learn the theory and history of design combined with typography, branding, packaging, digital imaging, interactive and web design using Adobe Creative Suite. Graphic Design students also gain supervised field experience in an internship.

The Public Relations track prepares graduates for work as communication specialists with businesses and organizations. This program prepares students to skillfully manage the many different tasks that a PR professional handles, ranging from communication strategy, media relations, writing and designing news releases, newsletters and other publications to planning special events. Students who major in PR take selected courses related to media, business and communication. They also gain practical PR experience in PR Campaigns and Strategies class, where they develop and implement a PR plan and portfolio for a real-world client. Students also gain supervised field experience in a PR internship.

Minors are offered in communication, media and public relations. Study in any of these areas is a valuable complement to other academic programs. A concentration in communication is also offered in the Interdisciplinary Studies major.

## CAREER OPPORTUNITIES

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Communication transcends all areas of life both personally and professionally. Communication proficiency is a valuable personal asset, and prepares communication graduates to be attractive candidates for positions in many different professions, including corporate training, law, ministry, human resources, and education. Broadcasting students will be prepared for careers in many areas of the broadcast and communication industries, including on-air talent, producers, writers, editors, camera operators, video technicians, etc. Graphic design students can enter many areas of the design field, including layout artists, prepress managers, web designers, flash designers and multimedia designers. PR graduates will be equipped to work as public relations professionals for a variety of organizations, including corporations, nonprofits and agencies. Students desiring to further their formal education will be well prepared for the rigors of graduate school.

## STUDENT PUBLICATIONS

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Faculty in the Communication Department train and oversee students in preparation and production of *The Shield*, RC's student newspaper, and *Areios*, RC's yearbook. Communication and Mass Communication majors are encouraged to write and design for either the student newspaper or the yearbook. Working on these publications offer students the opportunity to use their creative talents in producing publications while at the same time helping them gain valuable media experience. The publications are prepared in the Rochester College's Journalism Lab, which is equipped with Apple computers and Adobe design and photography software.

### **The Shield**

Joining *The Shield* staff allows students to participate in the complete production of a newspaper. The publication is written, edited and designed by students for the campus community. *The Shield* is printed about five times per semester and has a circulation of 1,000. Communication and Mass Communication majors are encouraged to write and design for the student newspaper, and students from other majors are welcome to participate as well. Scholarships are available to students who work as editors.

### **Areios**

*Areios*, RC's yearbook, is published on an annual basis in magazine format. Students from all majors are encouraged to work on the yearbook. Scholarships are available to students who work as editors.

### **How to get involved:**

Even if students don't have any experience in publication work but they do have an interest in writing, design or photography, they are encouraged to volunteer for *The Shield* or *Areios*. Students will be trained and advised by faculty so that they can obtain these valuable skills. In addition to serving as a campus voice for students, another benefit gained from working on *The Shield* or *Areios* is that students create work for their portfolios, which can be used in the future when applying for internships and jobs. Students can enroll in MED 1101, Newspaper Journalism, or MED 1201, Yearbook Journalism, which are hands-on workshop classes devoted to publishing *The Shield* and *Areios*.

## ACADEMIC CRITERIA

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Communication and Mass Communication majors must earn a C in all required departmental courses. If students earn a C- or below in a required course, they must retake the course.

# DEGREE REQUIREMENTS

## BA/BS with Communication Major

Provides a balanced overview of communication, media, rhetoric, and theatre in the foundational requirements and also allows for the selection of a specialized track in media studies, speech communication, theatre promotions or theatre.

REQUIREMENTS FOR THE BA/BS IN COMMUNICATION		
General Education Core		50
Communication Major		24
COM 2513 Communication Theory	3	
COM 2223 Public Speaking	3	
COM 3513 Small Group Communication	3	
COM 3533 Intercultural Communication	3	
MED 2013 Introduction to Mass Communication	3	
MED 3003 Media and Society	3	
THE 2003 Appreciation of Theatre	3	
THE 3303 Dramatic Criticism	3	
Choose one track		24
<b>Media Studies Track</b>		
MED 2613 Introduction to Public Relations MED 3013 Media Theory MED 3323 Research Methods in Media MED 3633 Media Criticism MED 4113 Media Law MED 4813 Senior Project in Media MED 4943 Media Ethics Three hours from: COM, FLM or MED	24	
<b>Speech Track</b>		
COM 2223 Nonverbal Communication COM 2253 Listening COM 3523 Interpersonal Communication COM 4813 Senior Project COM 4943 Communication Ethics THE 3313 Oral Interpretation of Literature Six hours from: COM, FLM, MED or RHE	24	

*Continued next page*

<b>Theatre Promotions Track</b>		
THE 2113 Technical Theatre THE 3213 Dramatic Literature for Performance THE 3303 History of Western Theatre MED 2513 Media Writing MED 2613 Introduction to Public Relations MED 3513 Public Relations Writing & Visual Design Six hours from: THE or MED	24	
<b>Theatre Track</b>		
THE 1103 Acting I: Beginning Acting THE 2113 Technical Theatre THE 3313 Oral Interpretation of Literature THE 3213 Dramatic Literature for Performance THE 3303 History of Western Theatre THE 4813 Senior Writing Project Six hours from: THE	24	
Foreign Language (BA program only)		8
Minor (recommended)		18
Electives		4-12
<b>TOTAL FOR COMMUNICATION MAJOR</b>		<b>128</b>

### **BS with Mass Communication Major**

Provides students with in-depth explorations of theory and scholarship in media, as well as a choice of a track in either Broadcasting, Graphic Design or Public Relations.

Students pursuing the Bachelor of Science in Mass Communication with the Broadcasting or Graphic Design tracks at Rochester College will take coursework offered by Specs Howard School of Broadcast Arts as part of the curriculum requirements for that degree during either their sophomore or junior year. For broadcast majors, this component of the curriculum includes the Radio and Television Broadcasting course with either the radio or video concentration. Twenty-four semester hours will be awarded by Rochester College to the student for completion of this curriculum component. Students may also pursue the Radio and Television Broadcasting course with both the radio and video concentrations, otherwise referred to as the Comprehensive Course. Thirty-six semester hours will be awarded by Rochester College to the student for completion of this curriculum component. For Graphic Design students, 24 hours will be awarded by Rochester College to the student for completion of this curriculum component, which includes one year of training through Specs Howard in the basics of print and web design utilizing Adobe Creative Suite.

Students must have approval from Rochester College’s business office no less than 15 days prior to enrollment in courses at Specs Howard. The student enrolled at Rochester College is allowed to apply for financial aid only through Rochester College, according to federal guidelines. However, students who have been admitted to Specs Howard School of Broadcast Arts are required to adhere to all conditions, policies, and rules of Specs Howard School.

Students pursuing the Public Relations track will complete all their coursework at Rochester College with courses in public relations, media, communication and business.

<b>REQUIREMENTS FOR THE BS IN MASS COMMUNICATION</b>		
<b>General Education Core</b>		<b>50</b>
<b>Mass Communication Major</b>		<b>27</b>
COM 2223 Public Speaking	3	
MED 2013 Introduction to Mass Communication	3	
MED 2513 Media Writing	3	
MED 3003 Media and Society	3	
MED 3013 Media Theory	3	
MED 3323 Research Methods in Media	3	
MED 4113 Media Law	3	
MED 4893 Internship	3	
MED 4943 Media Ethics	3	
<b>Choose one track:</b>		<b>24</b>
<b>Broadcasting Track (at Specs Howard)</b>		
RTB 1116 Broadcasting I	6	
RTB 1126 Broadcasting II	6	
<b>Choose one production emphasis:</b>		
RTB 1216 Radio Production I	6	
RTB 1226 Radio Production II	6	
or		
RTB 1316 Video Production I	6	
RTB 1326 Video Production II	6	

*Continued next page*

<b>Graphic Design Track (at Specs Howard)</b>		
GFX 1114 Fundamentals of Design/Illustrator	4	
GFX 1214 Perspectives of Design/InDesign	4	
GFX 1314 Branding/Photoshop	4	
GFX 1414 Flash/Dreamweaver/Package Design	4	
GFX 1514 Web Design/Motion Graphics	4	
GFX 1614 Portfolio Design/Compositing	4	
<b>Public Relations Track</b>		
COM 3513 Small Group Communication	3	
COM 3533 Intercultural Communication	3	
MED 2613 Introduction to Public Relations	3	
MED 3513 Public Relations Writing and Visual Design	3	
MED 4323 Public Relations Campaigns and Strategies	3	
MKT 2503 Principles of Marketing	3	
MKT 3533 Consumer Behavior	3	
MKT 3543 Integrated Marketing	3	
Minor (recommended)		18
Electives		9
<b>TOTAL FOR MASS COMMUNICATION MAJOR</b>		<b>128</b>

## MINORS

**Communication Minor**—Requires 18 hours of COM, FLM, MED, or RHE.

**Media Minor**—Requires 18 hours of MED courses, with an option of up to 6 hours of FLM.

**Public Relations Minor**—Requires MED 2513, MED 2613, MED 3513, MED 4323 and 6 additional hours of MED.

# Department of English and Foreign Language

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(ENG, FLM, FRE, GER, SPA)

Pamela Light (Chair), Anne Nichols, Zachary Watson,  
Michael Westerfield

## MISSION STATEMENT

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The goal of the Department of English and Foreign Language is to enable students to develop written communication skills and critical thinking skills which will enhance their success in college and in their careers. Through literature courses, the department seeks to introduce the diversity of existing world views, the continuity of the human experience, and an appreciation for the historical, cultural, and spiritual values present in a study of literature.

The Department also provides instruction in the French, Spanish, and German languages. This coursework is designed to introduce students to the language, culture, and heritage of French, Spanish, and German speaking people.

## ACADEMIC OPPORTUNITIES

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The Bachelor of Science and the Bachelor of Arts degree in English may include tracks in professional writing or literature. The professional writing track includes technical and creative writing, media writing, writing for publications, or writing for personal satisfaction. Students may certify to teach English at the elementary or secondary level. Literature is also an important component in the Language Arts major, which with teacher certification allows graduates to teach at the elementary level. The interdisciplinary studies major features professional writing and literature concentrations. An English minor may also be paired with most majors. Foreign language coursework is a required element in the Bachelor of Arts programs at Rochester College, and is considered part of the General Education core. It is also a valuable complement to other programs.

## CAREER OPPORTUNITIES

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Careers available to graduates with a degree in English include education, journalism, technical writing, business, law, library science, and government service. Many employers value a liberal arts degree as a solid foundation for the world of work. The English major provides a better understanding of human nature and universal issues and truths, and helps exercise critical thinking skills.

In today's world, foreign language qualifications can be a valuable asset. Organizations engaged in global business seek multilingual graduates to fill positions in business, banking, and finance. Multilingual communicators may find jobs as translators or teachers.

## DEGREE REQUIREMENTS

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### **BA/BS with English Major**

Includes a track in Literature or Professional Writing.

*(see chart next page)*



REQUIREMENTS FOR THE BA/BS IN ENGLISH		
General Education Core <sup>1</sup>		50
English Major		28
ENG 2000 level or above	6	
ENG 2413 World Literature Survey	3	
ENG 3213 or 3223 British Writers I or II	3	
ENG 3313 or 3323 American Writers I or II	3	
ENG 3513 Critical Writing and Literary Analysis	3	
ENG 4413 Pluralism in American Literature	3	
ENG 4533 Senior Writing Project	3	
ENG 4811 Senior Seminar	1	
Choose one: ENG 4213 Shakespeare Comedies ENG 4223 Shakespeare Tragedies ENG 4233 Shakespeare Histories ENG 4713 Studies in Genre: Novel ENG 4723 Studies in Genre: Short Story ENG 4733 Studies in Genre: Poetry ENG 4743 Studies in Genre: Drama	3	
English Track: choose one		9
Literature Track		
ENG 3000 level or above Literature	9	
Professional Writing Track		
Choose 9 hours: ENG 3523 Creative Writing ENG 3613 Introduction to Linguistics ENG 4523 Advanced Composition MED 1101 Newspaper Journalism <sup>2</sup> MED 2101 Yearbook Journalism <sup>2</sup> MED 2513 Media Writing	9	
Foreign Language (BA program only)		8
Minor (recommended)		18
Electives		15-23
<b>TOTAL FOR ENGLISH MAJOR</b>		<b>128</b>

1 For the Literature requirement in the general education core, English majors must take ENG 2413.

2 A maximum of three hours of MED 1101 and/or MED 2101 may be applied toward the writing track.

## BS with English Education Major

Students may seek teacher certification at the elementary or secondary level with the English Education major. Elementary Education students will choose the Elementary Ed. minor, while Secondary Ed. students will choose a subject area minor from biology, history, or mathematics.

REQUIREMENTS FOR THE BS IN ENGLISH EDUCATION		
General Education Core		50
English Education Major		43
ENG 2113 Approaches to Grammar	3	
ENG 2413 World Literature Survey	3	
ENG 3513 Critical Writing and Literary Analysis	3	
ENG 3613 Introduction to Linguistics	3	
ENG 4413 Pluralism in American Literature	3	
ENG 4523 Advanced Composition	3	
ENG 4533 Senior Writing Project	3	
ENG 4811 Senior Seminar	1	
ENG 3213 or 3223 British Writers I or II	3	
ENG 3313 or 3323 American Writers I or II	3	
Choose one: ENG 4713 Studies in Genre: Novel ENG 4723 Studies in Genre: Short Story ENG 4733 Studies in Genre: Poetry ENG 4743 Studies in Genre: Drama	3	
ENG 3000 or above Literature	3	
ENG 3000 elective, from any course except ENG 3533	3	
Choose one: RDG 3313 Children's Literature (for Elementary Ed.) RDG 3413 Adolescent Literature (for Secondary Ed.)	3	
Choose one: RDG 4503 Methods and Assessment Strategies in Language Arts Education (for Elementary Education) ENG 4603 Methods and Assessment Strategies in English Education (for Secondary Education)	3	
Minor		22-27
Professional Studies		39
<b>TOTAL FOR ENGLISH EDUCATION MAJOR</b>		<b>154-159</b>

### BS with Language Arts Education Major

Students may seek teacher certification at the elementary level with the Language Arts Education major. Students choose the Elementary Education minor.

REQUIREMENTS FOR THE BS IN LANGUAGE ARTS EDUCATION		
General Education Core		50
Language Arts Education Major		36
COM 2513 Communication Theory	3	
COM 3533 Intercultural Communication	3	
ENG 2113 Approaches to Grammar	3	
ENG 2413 World Literature Survey	3	
ENG 3613 Introduction to Linguistics	3	
ENG 4523 Advanced Composition	3	
MED 3003 Media and Society	3	
RDG 3313 Children's Literature	3	
RDG 3333 Writing Workshop	3	
RDG 3413 Adolescent Literature	3	
RDG 4503 Methods and Assessment Strategies in Language Arts Education	3	
THE 3113 Theatre for Young Audiences	3	
Elementary Education Minor		24
Professional Studies		39
<b>TOTAL FOR LANGUAGE ARTS EDUCATION MAJOR</b>		<b>149</b>

### MINORS

**English Minor**—Requires 12 hours of ENG above the 2000 level, and six hours of upper-division ENG.

**English Education Minor**—Requires ENG 2113, 2413, 3513, 3613, 4413, 4523; three hours from ENG 3213, 3223, 3313, or 3323; and three hours from ENG 4713, 4723, 4733, or 4743.

**Humanities Minor**—Requires six hours from ENG 2413, 3213, 3223, 3313, 3323; six hours from ART 2003, FLM 2013, MUS 2303, or THE 2003; and six upper-division hours of either COM or ENG.

**Professional Writing Minor**—Requires ENG 1123, 2113, 3523, 3613, 4533, and 4523.

# Department of History and Political Science

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(GEO, HIS, POS)

David Greer, Michael Light, John Todd (Chair)

## MISSION STATEMENT

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The department of History and Political Science strives to provide a deeper understanding of the world in which we now live by exploring the political, cultural, social, and economic past of the world's civilizations. It also seeks to enrich students' understanding and knowledge of humanity's various spiritual heritages; in addition, the department offers guidance in historical research, writing skills, and critical thinking.

In Political Science the department seeks to provide credible introductory and upper-division courses, and to create an environment that inspires discussion regarding the morality of public policies and outcomes of the legal system. All of the course offerings emphasize the historical and philosophical foundations of the American government. Legal courses stress the powers of common law courts to make law.

## ACADEMIC OPPORTUNITIES

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The Bachelor of Arts degree and the Bachelor of Science degree may include a major in history, which provides an excellent foundation for graduate training in historical studies, law, political science, journalism, library science, education, and many other fields. History and Social Studies majors may earn teacher certification, allowing graduates to teach at the elementary or secondary level.

A history concentration is available under the Interdisciplinary Studies major, and a history minor may be combined with majors from other academic disciplines. Also, history courses meet social science requirements in the general education core. The general education requirement includes at least one political science course. American legal studies or prelaw minors may be combined with any major. Political science courses can also be used to meet the social studies requirement for teacher certification.

## CAREER OPPORTUNITIES

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The BA or BS with a history major provides an excellent foundation for careers in elementary, secondary, or post-secondary education; law;

governmental service; journalism; library, museum, and archival work; historical research and writing, and many other fields. Preparation for a law career should include a content major (such as history, English, or interdisciplinary studies) and a prelaw or American legal studies minor. Education majors may certify in history and social studies.

## DEGREE REQUIREMENTS

### BA/BS with History Major

REQUIREMENTS FOR THE BA/BS IN HISTORY		
General Education Core		50
History Major		42
HIS 1313 Survey of Western Civilization I	3	
HIS 1323 Survey of Western Civilization II	3	
HIS 2513 United States History I	3	
HIS 2523 United States History II	3	
HIS 3423 Emerging Nations	3	
HIS 3813 Historical Research and Writing	3	
HIS 4813 Senior Project in History	3	
Choose 21 hours: HIS 2113 Michigan History HIS 3313 French Revolution and Napoleonic Era HIS 3323 Nineteenth Century Europe HIS 3513 American Diplomatic History HIS 3523 Colonial and Revolutionary America HIS 3533 The Early American Republic HIS 3543 The Gilded Age and Progressive Era HIS 3553 American in World Crisis HIS 4323 Twentieth Century Europe HIS 4513 American Civil War HIS 4523 Cold War America HIS 4613 Selected Topics in History REL 3703 Survey of Church History	21	
Foreign Language (BA program only)		8
Minor (recommended)		18
Electives		10-18
<b>TOTAL FOR HISTORY MAJOR</b>		<b>128</b>

## BS with History Education Major

Students may seek teacher certification at the elementary or secondary level with the History Education major. Elementary Ed. students will choose the Elementary Education minor, while Secondary Ed. students may choose a subject area minor from biology, English, or mathematics.

REQUIREMENTS FOR THE BS IN HISTORY EDUCATION		
General Education Core		50
History Education Major		42
HIS 1313 Survey of Western Civilization I	3	
HIS 1323 Survey of Western Civilization II	3	
HIS 2113 Michigan History	3	
HIS 2513 United States History I	3	
HIS 2523 United States History II	3	
HIS 3423 Emerging Nations	3	
HIS 3503 Women in American History	3	
HIS 3813 Historical Research and Writing	3	
Choose one: HIS 4503 Methods and Assessment Strategies in Social Studies Education (for Elementary Education) HIS 4603 Methods and Assessment Strategies in History and Social Studies Education (for Secondary Education)	3	
HIS 4813 Senior Project in History	3	
Choose 12 hours: HIS 3313 French Revolution and Napoleonic Era HIS 3323 Nineteenth Century Europe HIS 3513 American Diplomatic History HIS 3523 Colonial and Revolutionary America HIS 3533 The Early American Republic HIS 3543 The Gilded Age and Progressive Era HIS 3553 American in World Crisis HIS 4323 Twentieth Century Europe HIS 4513 American Civil War HIS 4523 Cold War America HIS 4613 Selected Topics in History REL 3703 Survey of Church History	12	
Minor		22-25
Professional Studies		39
<b>TOTAL FOR HISTORY EDUCATION MAJOR</b>		<b>153-156</b>

## BS with Social Studies Education Major

Students may seek elementary teacher certification with the Social Studies Education major. Students choose the Elementary Education minor.

REQUIREMENTS FOR THE BS IN SOCIAL STUDIES EDUCATION		
General Education Core		50
Social Studies Education Major		39
BUS 2403 Macroeconomics	3	
BUS 2413 Microeconomics	3	
GEO 1013 Introduction to Geography	3	
GEO 3113 World Regions	3	
HIS 1313 Survey of Western Civilization I	3	
HIS 1323 Survey of Western Civilization II	3	
HIS 2113 Michigan History	3	
HIS 2513 United States History I	3	
HIS 2523 United States History II	3	
HIS 4503 Methods and Assessment Strategies in Social Studies Education (for Elementary Education)	3	
POS 2013 National Government	3	
POS 2023 Introduction to the American Legal System	3	
POS 3013 The U.S. in the Modern World	3	
Elementary Education Minor		25
Professional Studies		39
<b>TOTAL FOR SOCIAL STUDIES EDUCATION MAJOR</b>		<b>153</b>

## MINORS

**History Minor**—18 hours of HIS, including six hours of upper-division.

**American Studies Minor**—Requires BUS 3303 or 3313; two courses from HIS 3523, 3533, 3543, or 3553; and POS 2023, 2043, and 4013 or 4213.

**History Education Minor**—Requires HIS 1313, 1323, 2113, 2513, 2523, 3423, 3603; and six hours from CHS 3703, HIS 3313, 3323, 3513, 3523, 3533, 3543, 3553, 4323, 4513, 4523, or 4613.

**Pre-Law Minor**—Requires BUS 3303, 3313; plus 12 hours from POS.

**Social Science Minor**—Requires 18 hours, including six hours of upper division credit. Must include at least two of the following: geography, history, political science, psychology, or sociology.

# Department of Music, Theatre, and Visual Arts

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(ART, MUS, THE)

Joe Bentley (Chair), Catherine Parker

## MISSION STATEMENT

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The Department of Music, Theatre, and Visual Arts exists to provide an aesthetic education for all students and to enhance the aesthetic awareness of the college community, its constituency, and the community. The faculty seeks to foster an attitude of service, designing programs to prepare students to serve as professional musicians, actors, artists, and teachers with a Christian perspective, and to prepare them for additional study in conservatories and graduate schools of music.

## ACADEMIC OPPORTUNITIES

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In music, students may pursue the Bachelor of Arts or Bachelor of Science degree in music or music education. There is also a music concentration for the interdisciplinary studies major, or a minor in music which may be elected to complement any Bachelor degree. No more than 8 MUS ensembles or private lessons can be used as electives.

Theatre courses are offered as part of the BA or BS in Communication (see page 66-67).

Art courses serve as a foundation for students pursuing a minor in art and can fulfill elective credit in any degree program. Courses in art help to provide a broader base of experience for the liberal arts degree.

## CAREER OPPORTUNITIES

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Music education students typically certify to become music teachers, choral directors, or band/orchestra directors at elementary and secondary schools. Students who emphasize music ministry in their preparation may become church worship leaders, music ministers, or seek employment in the Christian entertainment industry. Students who concentrate on performance studies in their preparation may pursue a career as a professional musician and/or studio teacher. Professional musicians may find employment in opera, orchestral music, music theatre, professional ensembles, or the armed forces. Graduate study is recommended for



aspiring teachers but advancement in performance and ministry-related fields is often achieved through experience.

Academic preparation in theatre prepares students for careers as performers, theatre managers, stage managers, technical designers, theatre critics, writers, or educators. Theatre training also provides an excellent foundation for a host of other careers including radio and television, music, advertising, marketing, law, public speaking, and ministry.

Graduates who have a background in art are better qualified to pursue occupations in education, art design, interior design, museum administration, art collection directorship, and other specializations in the fine arts.

## DEGREE REQUIREMENTS

### BA/BS with Music Major

REQUIREMENTS FOR THE BA/BS IN MUSIC		
General Education Core		50
Music Major		55
Choose 2 hours: MUS 1101 A Cappella Chorus MUS 1121 Autumn MUS 1151 Opera Workshop MUS 1161 Community Choral Ensemble MUS 1171 Concert Band MUS 1181 String Ensemble MUS 1191 Chamber Ensemble	2	
MUS 1211 Ear Training I and MUS 1213 Theory I	4	
MUS 1221 Ear Training II and MUS 1223 Theory II	4	
MUS 2211 Ear Training III and MUS 2213 Theory III	4	
MUS 2221 Ear Training IV and MUS 2223 Theory IV	4	
MUS 2603 Foreign Language Diction	3	

*Continued next page*

MUS 3213 Form and Analysis	3	
MUS 3313 History of Western Music I	3	
MUS 3323 History of Western Music II	3	
MUS 3333 World Music	3	
MUS 3343 Music in America	3	
MUS 3403 Conducting	3	
Choose one: MUS 4203 Counterpoint MUS 4213 Arranging and Scoring	3	
MUS 4601 Senior Seminar in Music	1	
Major Instrument or Voice	8	
Minor Instrument or Voice	4	
Foreign Language (BA program only)		8
Electives		15-23
<b>TOTAL FOR MUSIC MAJOR</b>		<b>128</b>

## MINOR

**Music Minor**—Requires MUS 1211, 1213, 1221, 1223, and ten hours of MUS, with six upper-division hours and no more than two hours of ensemble.

## REQUIREMENTS IN MUSIC

Before enrolling, music majors must successfully complete a voice or instrument audition and a theory placement examination which includes a keyboard component.

Each semester, music majors must attend scheduled recitals and participate in a music department ensemble. All music majors must pass a keyboard skills/basic piano assessment exam or achieve a grade of B or higher in MUS 3202 to graduate. Most students should take at least four semesters of piano before attempting the exam. The degree includes a senior seminar to be taken in the last semester of residence. All music majors must complete a senior project as part of their degree program. Options include presenting a performance recital, a composition recital, or presenting a scholarly paper. All students taking the music theory and ear training sequence must pass each course with a C or better in order to move on to the next course in the sequence.

Music majors must complete 36 hours of upper-division credit which includes all course work. Students who opt out of a minor should choose

additional music courses or select courses from disciplines such as art, literature, theatre, or foreign languages.

Applied music and ensemble courses may be repeated for credit. No more than six hours of ensemble credit may be applied toward a music degree unless specified in a track. Students who demonstrate sufficient piano skills may take MUS 3202 to fulfill two hours of the applied music requirement.

## REQUIREMENTS IN THEATRE AND VISUAL ART

See page 66-67 for information regarding the theatre core and track for the degree in communication. Students in theatre ensembles and productions may repeat those courses for credit. No more than six credits in these courses may be used towards a degree.

**Theatre Minor**—Students may select 18 hours from the following courses to complete the minor:

**No more than 3 total hours in any combination from the following:**

THE1411 Stagecraft, THE1421 Theatre Workshop, THE1431 Ensemble Acting (Company or Pied Pipers)

**Additional courses:**

THE 1103 Beginning Acting, THE 2003 Appreciation of the Theatre, THE 2113 Technical Theatre, THE 3113 Theatre for Young Audiences, THE 3303 History of Western Theatre, THE 3313 Oral Interpretation of Literature, THE 3603 Dramatic Criticism, THE 4113 Directing, THE 4143 Theatre and Religion, THE 4813 Senior Writing Project, THE 4893 Internship

**Visual Art Courses**

Visual arts courses are open to all students. Advanced placement and enrichment options are built into each course to accommodate advanced students.

# Department of Philosophy and Interdisciplinary Studies

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(INS, PHI)

John Barton (Chair), David Keller, Rubel Shelly

## MISSION STATEMENT

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Interdisciplinary programs are the result of profound changes taking place across the spectrum of academic disciplines. Advances in science and technology, along with realities such as globalization and multiculturalism, make it clear that the boundaries between the traditional disciplines are not as distinct as once thought. It is now widely acknowledged that higher education must prepare students to think critically and creatively across traditional boundaries, to operate effectively in cross-cultural environments, and to navigate the interrelationships of different disciplines. Toward this end, the Department of Philosophy and Interdisciplinary Studies includes opportunities to study in more than one academic field within the same degree, and opportunities to develop a philosophical foundation through an “Interdisciplinary Core” designed to explore the relationships between the disciplines chosen. The department also provides opportunities for students to experience and explore diverse cultures through their academic programs.

The goal of the Department of Philosophy and Interdisciplinary Studies is to enable students to explore the value and depths of a liberal arts education in diverse and creative ways which will prepare them for a lifetime of high quality study and service in the vocation of the their choosing.

## ACADEMIC OPPORTUNITIES

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The Bachelor of Science and Arts in Interdisciplinary Studies allows students to combine two or more areas of study into one degree. The different areas of study are tied together by a specifically designed Interdisciplinary Core. The Interdisciplinary options also include a specifically designed degree plan for students interested in preparing for Medical School, options for students interested in preparing for Law School or pursuing options in Theatre, Philosophy, or other disciplines in the liberal arts. There is also an option for a self-designed Honors Program for qualifying students.

## CAREER OPPORTUNITIES

More than ever, professional employers and many post-baccalaureate academic programs seek graduates that have a diverse background in the liberal arts and the skills to think critically, communicate effectively, and develop broadly. For this reason, the diversity of a degree in Interdisciplinary Studies uniquely prepares a student for a number of different career and vocational pursuits. With the right combination of concentrations, the degree plan is especially designed for students interested in preparing for Medical School, Law School, or graduate school in Philosophy, Religion, Theatre, or other liberal art fields.

In addition, this degree plan offers students with professional interests an opportunity to develop a broad intellectual resource base as well as the reasoning, speaking, and writing skills sought by many employers.

## DEGREE REQUIREMENTS

**BS with Interdisciplinary Studies Major with a concentration in Pre-Med.** Allows students to incorporate a concentration specifically designed for Medical School and MCAT preparation into an Interdisciplinary degree.

REQUIREMENTS FOR THE BS IN INTERDISCIPLINARY STUDIES WITH A CONCENTRATION IN PRE-MED		
General Education Core		50
Interdisciplinary Studies Core		6
PHI 2013 Introduction to Philosophy	3	
Any Upper-Division PHI course	3	
<b>Pre-Med Concentration <sup>1</sup></b>		<b>42</b>
BIO 1014 Biological Science I	4	
BIO 1024 Biological Science II	4	
BIO 3324 Microbiology	4	
BIO 3414 Genetics	4	
CHE 1514 College Chemistry I	4	
CHE 1524 College Chemistry II	4	
CHE 2514 Organic Chemistry I	4	
CHE 2524 Organic Chemistry II	4	
CHE 3514 Biochemistry I	4	
PHS 2013/PHS 2211 General Physics I/Physics Lab I	4	

*Continued next page*

PHS 2023/PHS 2221 General Physics II/Physics Lab II		4	
MAT 1334 Pre-Calculus (Calc I suggested)		4	
MAT 2514 Calculus and Analytic Geometry I (recommended)			
<b>Second Area of Concentration—must include at least 8 upper-division hours, and be selected from the following options:</b>			<b>24</b>
Business	Literature	Psychology	
Communication	Mathematics	Religion	
General Science	Music	Theatre	
International Studies	Professional Writing	History	
Electives			6
<b>TOTAL FOR INTERDISCIPLINARY STUDIES MAJOR</b>			<b>128</b>

### BA/BS with Interdisciplinary Studies Major

Allows students to select two areas of study from several degree concentrations with emphases in liberal arts and sciences. The Interdisciplinary Core is designed to help students develop a philosophical foundation which will be useful in understanding, comparing and integrating different disciplines of study and different aspects of the human experience.

<b>REQUIREMENTS FOR THE BA/BS IN INTERDISCIPLINARY STUDIES</b>			
General Education Core			50
Interdisciplinary Studies Core			15
PHI 2013 Introduction to Philosophy		3	
Any Upper-Division PHI courses		6	
Any Upper-Division course from another liberal arts area not including courses from the first and second concentration. General education hours may not be used to meet this requirement.		3	
PHI 4813 Senior Project in Interdisciplinary Studies		3	
<b>Interdisciplinary Studies Major</b>			
<b>First Area of Concentration—must include at least 8 upper-division hours, and be selected from the following options:</b>			<b>24</b>
Communication	Literature	Pre-Law	
General Science	Mathematics	Professional Writing	
History	Music	Religion	

<sup>1</sup> Six Pre-Med hours will be applied to the general education science requirement.

<b>Second Area of Concentration—must include at least 8 upper-division hours, and be selected from the following options:</b>			<b>24</b>
Business	Literature	Professional Writing	
Communication (BA only)	Mathematics	Psychology	
General Science	Music (BA only)	Religion	
History (BA only)	Pre-Law (BA only)	Theatre (BA only)	
International Studies (BA only)			
Foreign Language (BA program only)			8
Electives			7-15
<b>TOTAL FOR INTERDISCIPLINARY STUDIES MAJOR</b>			<b>128</b>

### **BA in Interdisciplinary Studies with Honors**

Allows qualified students the opportunity to significantly design their own degree plan in line with specific interdisciplinary interests. The program gives qualified students a tremendous level of flexibility to pursue specific interests and to explore the creative possibilities of Interdisciplinary Studies. For a student to qualify, the following criteria must be met:

1. New students must have a minimum ACT score of 27 or a minimum SAT score of 1200, and must have graduated from High School with a GPA of 3.5 or higher and/or be in the top ten percent of their graduating class.
2. Transfer students or continuing Rochester students who wish to enroll in this degree can use their college performances as criteria. They must have completed at least 30 hours of college credit with a minimum GPA of 3.2, with at least two faculty recommendations.
3. In order to receive this Honors degree, students must graduate with a minimum GPA of 3.4. If the student's final GPA is below 3.4, then the "Honors" distinction will be dropped from the degree, and the student's program will be considered under the normal Rochester College academic guidelines, and count as a normal BA in Interdisciplinary Studies. Once the above criteria are met, the student must submit a proposal for his/ her self-designed program, meeting the requirements outlined below. Proposals must be outlined on the "Proposal/Rationale Form" (available in the Department of Interdisciplinary Studies), and must be submitted to and approved by a committee consisting of: the Head of the Department of Interdisciplinary Studies, the Provost and/or relevant Academic Dean, and one other appropriate faculty member that the committee will select. This process must be completed before 60 hours of credit is completed.

REQUIREMENTS FOR THE BA IN INTERDISCIPLINARY STUDIES WITH HONORS	
General Education Core (flexible, but must include:)	50
Christian Values Core	15
Communication	9
Humanities	6
Physical Education	2
Science	6
Mathematics	3
Social Science	9
Honors students are encouraged to choose as many upper-division classes in these categories as possible.	
Interdisciplinary Studies Core	15
PHI 2013 Introduction to Philosophy	3
Any Upper-Division PHI courses	6
Any Upper-Division course from another liberal arts area not including courses from the first and second concentration. General education hours may not be used to meet the requirement.	3
PHI 4813 Senior Project in Interdisciplinary Studies	3
Foreign Language	8
Self-Designed Program	55
At least 42 hours of the self-designed program must be upper-division hours.	
<b>TOTAL FOR INTERDISCIPLINARY STUDIES WITH HONORS</b>	<b>128</b>

## MINORS

**Philosophy Minor**—Requires 18 hours of PHI coursework, including PHI 2013.

**International Studies Minor**—Requires participation in one of Rochester College’s international programs through Global Educational Opportunities (GEO); at least six hours of the same foreign language; at least six hours of liberal arts courses taken in a GEO international program; three hours (cannot overlap with one’s major core or Gen Ed) from BIB 4013, BIB 4123, BUS 3033, COM 3533, HIS 3313, HIS 3323, HIS 4323, REL 3703; three hours (cannot overlap with one’s major core or Gen Ed) from ENG 2413, ENG 4413, GEO 3113, HIS 3423, MIN 2401/2/3, MUS 3333, PHI 3003, PHI 3043, PHI 3923.



## INTERDISCIPLINARY CONCENTRATIONS

Business Concentration		24
ACC 2113 Accounting I	3	
ACC 2123 Accounting II	3	
Choose one: BUS 2403 Macroeconomics BUS 2413 Microeconomics	3	
BUS 3003 Business Communication	3	
Choose one: BUS 3303 Business Law I BUS 3313 Business Law II	3	
FIN 3203 Principles of Finance	3	
MGT 2603 Principles of Management	3	
MKT 2503 Principles of Marketing	3	

Communication Concentration		24
COM 2513 Communication Theory	3	
COM 4813 Senior Project in Speech Communication	3	
COM 4943 Communication Ethics	3	
The following choices must include at least 6 hours of 3000 or 4000 level classes.		
Choose 6 hours from COM (excluding COM 1013), FLM, MED, RHE, and/or THE	6	
Choose one course from each of the categories below:		
Communication or Rhetoric (COM, RHE)	3	
Film or Media Studies (FLM, MED)	3	
Theatre Studies (THE)	3	

General Science Concentration		24
Select one Laboratory Science sequence (another sequence must be included in the General Education core): BIO 1014 and 1024 Biological Science I and II CHE 1514 and 1524 College Chemistry I and II PHS 2013/2211 and 2023/2221 General Physics I and II PHS 2514 and 2524 Engineering Physics I and II	8	
Choose 16 hours: BIO 1124 Zoology BIO 2114 Human Anatomy and Physiology I BIO 2124 Human Anatomy and Physiology II BIO 2224 Introductory Botany and Zoology BIO 3114 Botany BIO 3213 General Ecology BIO 3324 Microbiology BIO 3414 Genetics CHE 2514 Organic Chemistry I CHE 2524 Organic Chemistry II CHE 3514 Biochemistry I NSC 3004 Astronomy NSC 3114 Earth's Waters NSC 4612 Senior Seminar PHS 3513 Modern Physics NSC 4901, 4902, or 4903 Special Topics in Science Laboratory Science sequence from above	16	

Literature Concentration		24
ENG 3513 Critical Writing and Literary Analysis	3	
Choose two: ENG 3213 British Writers I ENG 3223 British Writers II ENG 4213 Shakespeare Comedies ENG 4223 Shakespeare Tragedies ENG 4233 Shakespeare Histories	6	
Choose two: ENG 3313 American Writers I ENG 3323 American Writers II ENG 4413 Pluralism in American Literature	6	
Choose two: ENG 4713 Studies in Genre: Novel ENG 4723 Studies in Genre: Short Story ENG 4733 Studies in Genre: Poetry ENG 4743 Studies in Genre: Drama	6	
ENG 4533 Senior Writing Project	3	

PROGRAM DESCRIPTIONS

History Concentration		24
Choose three: HIS 1313 Survey of Western Civilization I HIS 1323 Survey of Western Civilization II HIS 2513 United States History I HIS 2523 United States History II	9	
Choose five: HIS 2113 Michigan History HIS 3313 French Revolution and Napoleonic Era HIS 3323 Nineteenth Century Europe HIS 3423 Emerging Nations HIS 3513 American Diplomatic History HIS 3523 Colonial and Revolutionary America HIS 3533 The Early American Republic HIS 3543 The Gilded Age and progressive Era HIS 3553 American in World Crisis HIS 3813 Historical Research and Writing HIS 4323 Twentieth Century Europe HIS 4513 American Civil War HIS 4523 Cold War America HIS 4613 Selected Topics in History HIS 4813 Senior Project in History REL 3703 Survey of Church History	15	

Mathematics Concentration		24
MAT 1334 Pre-Calculus	4	
MAT 2514 Calculus and Analytic Geometry I	4	
MAT 2524 Calculus and Analytic Geometry II	4	
MAT 3534 Calculus and Analytic Geometry III	4	
MAT 3614 Linear Algebra	4	
MAT 3624 Differential Equations	4	
Students entering with Advanced Placement credit in Calculus must take six hours of the following: MAT 2233, 2413, 3303, and 4653.		

Music Concentration		24
MUS 1211 Ear Training I and MUS 1213 Theory I	4	
MUS 1221 Ear Training II and MUS 1223 Theory II	4	
Choose 6 hours from MUS 3313, 3323, 3333, and 3343	6	
Choose 10 hours from MUS at the 3000 or 4000 level.	10	

Pre-Law Concentration		24
BUS 3303 Business Law I	3	
BUS 3313 Business Law II	3	
HIS 3533 Early American Republic	3	
POS 2023 Introduction to the American Legal System	3	
POS 2043 Criminal Law and Procedure	3	
POS 4013 American Constitutional Law	3	
POS 4213 Substantive Criminal Law	3	
POS 4913 Directed Legal Research	3	

Pre-Med Concentration		48
BIO 1014 Biological Science I	4	
BIO 1024 Biological Science II	4	
BIO 3324 Microbiology	4	
BIO 3414 Genetics	4	
CHE 1514 College Chemistry I	4	
CHE 1524 College Chemistry II	4	
CHE 2514 Organic Chemistry I	4	
CHE 2524 Organic Chemistry II	4	
CHE 3514 Biochemistry I	4	
PHS 2013/PHS 2211 General Physics I/Physics Lab I	4	
PHS 2023/PHS 2221 General Physics II/Physics Lab II	4	
MAT 1334 Pre-Calculus (Calc I suggested)	4	
MAT 2514 Calculus and Analytic Geometry I (recommended)		

Professional Writing Concentration		24
ENG 2113 Approaches to Grammar	3	
ENG 3513 Critical Writing and Literary Analysis	3	
ENG 3523 Creative Writing	3	
ENG 3613 Introduction to Linguistics	3	
ENG 4523 Advanced Composition	3	
ENG 4533 Senior Writing Project	3	
MED 2513 Media Writing	3	
MED 3513 Public Relations Writing and Visual Design	3	

Psychology Concentration		24
PSY 2013 General Psychology	3	
Choose one: PSY 2113 Psychology of Adjustment PSY 2223 Life Span Development	3	
Choose one: PSY 3013 Psychology of Personality PSY 3093 History and Systems of Psychology	3	
PSY 3033 Abnormal Psychology	3	
Choose four courses from the following (at least three must be PSY): Any PSY Or choose from SOC 2013, 2023, 2033, SWK 2013, 3003, 3103	12	

Religion Concentration		24
BIB 3000 or above Textual	6	
REL 2983 Biblical Interpretation	3	
Choose one: REL 3703 Survey of Church History REL 3893 Special Topics in Historical Theology	3	
REL 4963 Systematic Christian Doctrine	3	
Choose 9 hours from any MIN or REL	9	

International Studies Concentration		24
Minimum of six hours of the same foreign language	6	
Six hours of liberal arts taken at a GEO international program (requires participation in one of Rochester College's GEO international programs)	6	
Choose 6 hours from: BIB 4013 Biblical Archaeology BIB 4123 Archaeology of Biblical Tamar in Israel BUS 3033 International Business COM 3533 Intercultural Communication HIS 3313 French Revolution and Napoleonic Era HIS 3323 Nineteenth-Century Europe HIS 4323 Twentieth-Century Europe REL 3703 Survey of Church History	6	
Choose 6 hours from: ENG 2413 World Literature ENG 4413 Pluralism in American Literature GEO 3113 World Regions HIS 3423 Emerging Nations MIN 2401/2/3 Missions Outreach Internship MUS 3333 World Music PHI 3003 Worldviews and Cultures PHI 3043 African Philosophy and the African-American Experience PHI 3923 World Religions	6	

Theatre Concentration		24
No more than 3 hours from the following: THE 1411 Stagecraft THE 1421 Theatre Workshop THE 1431 Ensemble Acting (Company or Pied Pipers)	3	
Choose 21 hours from: THE 1103 Beginning Acting THE 2003 Appreciation of the Theatre THE 2103 Acting II: Voice, Movement, and Audition Techniques THE 2113 Technical Theatre THE 3113 Theatre for Young Audiences THE 3213 Dramatic Literature for Production THE 3303 History of Western Theatre THE 3313 Oral Interpretation of Literature THE 3603 Dramatic Criticism THE 4113 Directing THE 4143 Theatre and Religion THE 4813 Senior Writing Project THE 4893 Internship	21	

**PROGRAM DESCRIPTIONS**

# Department of Physical Education

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(PED)

Garth Pleasant (Chair)

## MISSION STATEMENT

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The Department of Physical Education trains students to excel in team and individual athletics, develop lifetime fitness and mental wellness habits, and practice lifesaving techniques such as CPR and first aid.

## ACADEMIC OPPORTUNITIES

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Physical education courses and varsity sports meet the general education requirement. They may be taken more than once for additional credit in subsequent semesters. A maximum of one credit per varsity sport is permitted each academic year.

## RELATED FACILITIES

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Physical Education courses are offered in partnership with Lifetime Fitness located on Avon Road, east of the college. Courses offered with Lifetime include Rock Climbing 1 and 2, Cycling 50, and Swimming and Water Safety.

## CAREER OPPORTUNITIES

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Graduates with backgrounds in Physical Education may become elementary or secondary school teachers and coaches, physical therapists, athletic trainers, aerobics instructors, personal trainers, sports managers, and recreation directors.

# Department of Religion and Bible

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(BIB, GRE, HEB, MIN, REL)

John Barton, Craig Bowman, Keith Huey (Chair),  
David Keller, Rubel Shelly, Gregory Stevenson,  
Melvin Storm

## MISSION STATEMENT

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The Department of Religion and Bible provides formal instruction in Biblical and Religious Studies. It seeks to encourage all students to pursue Christian faith, values, and service, and offers preparation for graduate studies or a vocation in Christian ministry.

## ACADEMIC OPPORTUNITIES

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The Bachelor of Science degree supports formal preparation for Christian ministry or biblical studies. Rochester College also offers a Masters of Religious Education degree, and this program is described in a separate graduate catalog. Undergraduate degrees are available in biblical studies, Christian ministry, and youth and family ministry. A concentration in religion is available under the Interdisciplinary Studies program for those who are interested in vocational ministry or a degree plan that does not include biblical languages. Minors are offered in biblical studies, biblical languages, religion, or youth and family ministry.

## CAREER OPPORTUNITIES

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BS graduates are well-prepared for several roles in Christian ministry. Common ministerial opportunities include preaching, local ministry, youth ministry, missions, and teaching. Graduates also find jobs at Christian youth camps and senior care facilities. The BS provides a foundation for graduate studies in religion.

## DEGREE REQUIREMENTS

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### **BS with Biblical Studies Major**

Foundational courses feature textual Bible, historical and doctrinal religion, Hebrew, and Greek. The biblical studies major provides maximum flexibility in course selection for students with a variety of interests including those



who plan to seek biblical studies at the graduate level or teach religion at a Christian institution. This major also benefits students who want to increase their Bible knowledge while engaged in liberal arts studies at the Bachelor degree level.

REQUIREMENTS FOR THE BS IN BIBLICAL STUDIES			
General Education Core <sup>1</sup>		50	
Biblical Studies Major		42	
BIB 3000 or 4000 level textual with both Old and New Testament courses included (3 hours must be 4000 level)	15		
Choose one: BIB 4193 History and Theology of the Old Testament BIB 4293 History and Theology of the New Testament	3		
GRE 1214 Elementary Greek I	4		
GRE 1224 Elementary Greek II	4		
MIN 3323 Introduction to Preaching	3		
MIN 4533 Seminar in Ministry	3		
REL 3703 Survey of Church History	3		
REL 3893 Special Topics in Historical Theology	3		
REL 4811 Senior Seminar in Religion	1		
REL 4963 Systematic Christian Doctrine	3		
Language Track: choose one			7-8
Greek Language Track			
GRE 3314 Intermediate Greek Grammar	4		
Choose on for 3 hours: GRE 3413 Advanced Greek Readings I GRE 3423 Advanced Greek Readings II	3		
Hebrew Language Track			
HEB 1214 Elementary Hebrew I	4		
HEB 1224 Elementary Hebrew II	4		
Minor (recommended)		18	
Electives		10-11	
<b>TOTAL FOR BIBLICAL STUDIES MAJOR</b>		<b>128</b>	

<sup>1</sup> In the Christian Values unit of general education, Religion/Bible majors must take REL 1003, REL 1013, REL 2983, MIN 2513, and PHI 2013 or 2933. PSY 2013 is required in the Social Science unit.

## BS with Christian Ministry Major

Students may earn the Bachelor of Science degree with a major in Christian ministry. This degree program includes a strong foundation in textual, historical, and doctrinal courses, along with both practical and theoretical courses pertaining to local ministry and the art of preaching.

REQUIREMENTS FOR THE BS IN CHRISTIAN MINISTRY		
General Education Core <sup>1</sup> (see p.96)		50
Christian Ministry Major		48
BIB 3000 or 4000 level textual with both Old and New Testament courses included (3 hours must be 4000 level)	9	
GRE 1214 Elementary Greek I	4	
GRE 1224 Elementary Greek II	4	
MIN 3323 Introduction to Preaching	3	
MIN 3423 Issues in Culture and Evangelism	3	
MIN 3523 Practical Issues in Ministry	3	
MIN 3613 Counseling for Ministers	3	
MIN 3623 The Church and Society	3	
MIN 4533 Seminar in Ministry	3	
MIN 4873 Internship	3	
REL 3703 Survey of Church History	3	
REL 3893 Special Topics in Historical Theology	3	
REL 4811 Senior Seminar in Religion	1	
REL 4963 Systematic Christian Doctrine	3	
Minor (recommended)		18
Electives		12
<b>TOTAL FOR CHRISTIAN MINISTRY MAJOR</b>		<b>128</b>

## MINORS

**Biblical Language Minor**—Requires GRE 1214, 1224, HEB 1214, 1224, and one additional GRE or HEB. These courses, if used toward a Biblical Language Minor, cannot be concurrently applied toward the Biblical Studies, Christian Ministry, or Youth and Family Ministry degree cores. Students in those programs must use upper-division BIB, MIN, PHI, or REL coursework to substitute for redundant requirements.

**Biblical Studies Minor**—Requires REL 2983 and 15 hours of BIB 3000 (or above) level textual courses.

### BS with Youth and Family Ministry Major

Students may earn the Bachelor of Science degree with a major in Youth and Family Ministry. This degree program is designed to prepare students to minister to youth in their families, churches, schools, and communities.

REQUIREMENTS FOR THE BS IN YOUTH AND FAMILY MINISTRY		
General Education Core <sup>1</sup> (see p.95)		50
Youth and Family Ministry Major		48
BIB 3000 or 4000 level textual with both Old and New Testament courses included (3 hours must be 4000 level)	9	
GRE 1214 Elementary Greek I	4	
GRE 1224 Elementary Greek II	4	
MIN 3323 Introduction to Preaching	3	
MIN 3333 Introduction to Youth Ministry	3	
MIN 3353 Religion, Media, and Youth Culture	3	
MIN 3423 Issues in Culture and Evangelism	3	
MIN 4533 Seminar in Ministry	3	
MIN 4873 Internship	3	
PSY 3213 Adolescent Development	3	
REL 3703 Survey of Church History	3	
REL 3893 Special Topics in Historical Theology	3	
REL 4811 Senior Seminar in Religion	1	
REL 4963 Systematic Christian Doctrine	3	
Minor (recommended)		18
Electives		12
<b>TOTAL FOR YOUTH AND FAMILY MINISTRY MAJOR</b>		<b>128</b>

### MINORS

**Greek Minor**—Requires GRE 1214, 1224, 3314, 3413, and 3423. These courses, if used toward a Greek Minor, cannot be concurrently applied toward the Biblical Studies, Christian Ministry, or Youth and Family Ministry degree cores. Students in those programs must use upper-division BIB, MIN, PHI, or REL coursework to substitute for redundant requirements.

**Religion Minor**—Requires REL 2983 and 15 hours of upper-division religion courses.

**Youth and Family Ministry Minor**—Requires MIN 3333, 3353, 3363, 3423, PSY 2013, and PSY 3213.

# Department of Science and Mathematics

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(BIO, CHE, MAT, NSC, PHS)

David Brackney (Chair), Michael Muhitch,  
Gary Turner, Vivian Turner, Carol Van Hooser

## MISSION STATEMENT

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The Department of Science and Mathematics exists to provide Biology, Chemistry, Natural Science, Physics, and Mathematics courses that introduce students to the tremendous complexity and diversity found in all living things, and to the elements of the physical world in which they live. The Department strives to enhance each student's appreciation for God's wisdom in His works of creation and in the function of the biological and physical world. It also encourages an awareness of humanity's relationship with all creation, and the need for the responsible stewardship of natural resources. In Mathematics courses, the Department seeks to increase the quantitative skills of students, to train them to think logically in preparation for other courses and situations in which mathematics occurs, and to increase their confidence in their ability to do mathematics.

## ACADEMIC OPPORTUNITIES

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The Department of Science offers an Integrated Science major, a Biology, a Biology Education major, and a Biology Education minor for students who plan to seek state teacher certification. Also, Biology, Chemistry, Natural Science, and Physics courses meet general education core requirements for all degrees at Rochester College. A General Science and Pre-Med concentration is available to students majoring in Interdisciplinary Studies. A General Science, Biology, or Chemistry minor may be combined with any academic major.

The following options are available for students who are interested in studying mathematics at Rochester College. Students may certify to teach mathematics at the elementary or secondary level. Students may also pursue a BS degree in interdisciplinary studies and select mathematics as a concentration. This option allows students to study mathematics and a second academic field such as behavioral science, business, communication, history, or music. Students may pursue a Bachelor degree through another department and select mathematics as a minor.

## CAREER OPPORTUNITIES

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Graduates with a background in science may play essential roles in several science-related fields such as education, medicine, pharmacy, veterinary science, engineering, environmental biology, environmental science, and other scientific fields.

Many careers require analytical and critical thinking skills taught in mathematics. The importance of mathematics in many academic and professional fields means that many professionals must utilize mathematical skills on a regular basis. With a background in mathematics, students may pursue a wide range of career options in such fields as business, government service, industry, and teaching. Students may also choose to continue their studies with graduate work in such fields as computer science, economics, mathematics, or statistics.

## DEGREE REQUIREMENTS

### BA/BS with Biology Major

Students may seek teacher certification at the secondary level. In addition to completing a content area major, students must complete the professional studies core and a subject area minor from English, history, or mathematics.

REQUIREMENTS FOR THE BA/BS IN BIOLOGY		
General Education Core		50
Biology Major		37-38
BIO 1014 Biological Science I	4	
BIO 1024 Biological Science II	4	
BIO 2114 Anatomy and Physiology I	4	
BIO 2124 Anatomy and Physiology II	4	
BIO 3114 Botany or BIO 3213 General Ecology	3-4	
BIO 3324 Microbiology	4	
BIO 3414 Genetics	4	
CHE 3514 Biochemistry I	4	
NSC 3114 Earth's Waters	4	
NSC 4612 Senior Seminar	2	
Foreign Language (BA program only)		8
Minor		18
Additional Required Support Courses <sup>1</sup>		11
Electives		3-12
<b>TOTAL FOR BIOLOGY EDUCATION MAJOR</b>		<b>128</b>

<sup>1</sup> MAT 1334 Pre-Calculus, CHE 1514 and 1524 College Chemistry I and II, CHE 2514 Organic Chemistry I, and PHY 2023/2221 General Physics II with Lab are required support courses for the Biology major. Nine hours of the support can satisfy general education.

## BS with Biology Education Major

Students may seek teacher certification at the secondary level. In addition to completing a content area major, students must complete the professional studies core and a subject area minor from English, history, or mathematics.

REQUIREMENTS FOR THE BS IN BIOLOGY EDUCATION		
General Education Core		50
Biology Education Major		40
BIO 1014 Biological Science I	4	
BIO 1024 Biological Science II	4	
BIO 2114 Anatomy and Physiology I	4	
BIO 2124 Anatomy and Physiology II	4	
BIO 2224 Introductory Botany and Zoology	4	
BIO 3213 Ecology	3	
BIO 3324 Microbiology	4	
BIO 3414 Genetics	4	
BIO 4603 Methods and Assessment Strategies in Biology Education	3	
NSC 3114 Earth's Waters	4	
NSC 4612 Senior Seminar	2	
Minor		24-27
Additional Required Support Courses <sup>1</sup>		7
Professional Studies		39
<b>TOTAL FOR BIOLOGY EDUCATION MAJOR</b>		<b>160-163</b>

<sup>1</sup> MAT 1334 Pre-Calculus, CHE 1514 and 1524 College Chemistry I and II, and PHY 2023/2221 General Physics II with Lab are required support courses for the Biology Education major. Nine hours of the support can satisfy general education.

### BS with Integrated Science Education Major

Students may seek teacher certification at the elementary level with the Integrated Science Education major. Students choose the Elementary Education minor.

REQUIREMENTS FOR THE BS IN INTEGRATED SCIENCE EDUCATION		
General Education Core		50
Integrated Science Education Major <sup>1</sup>		44
BIO 1014 Biological Science I	4	
BIO 1024 Biological Science II	4	
BIO 2013 Introduction to Human Anatomy and Physiology	3	
BIO 2224 Introductory Botany and Zoology	4	
CHE 1514 College Chemistry I	4	
CHE 1524 College Chemistry II	4	
NSC 1004 Earth Science with Lab	4	
NSC 3114 Earth's Waters	4	
NSC 4503 Methods and Assessment Strategies in Science Education	3	
NSC 4612 Senior Seminar	2	
PHS 2013 General Physics I and PHS 2211 Physics I Lab	4	
PHS 2023 General Physics II and PHS 2221 Physics II Lab	4	
Elementary Education Minor		22
Professional Studies		37
<b>TOTAL FOR INTEGRATED SCIENCE EDUCATION MAJOR</b>		<b>153</b>



## BS with Elementary Math Education Major

Students may seek teacher certification at the elementary level with the Elementary Math Education major. Students choose the Elementary Education minor.

REQUIREMENTS FOR THE BS IN ELEMENTARY MATH EDUCATION		
General Education Core		50
Elementary Math Education Major		31
MAT 1334 Pre-Calculus	4	
MAT 2213 Math for Elementary Teachers I	3	
MAT 2223 Math for Elementary Teachers II	3	
MAT 2233 Finite Mathematics	3	
MAT 2413 Elementary Statistics	3	
MAT 2514 Calculus and Analytic Geometry I	4	
MAT 3333 Algebraic, Proportional, and Mathematical Reasoning	3	
MAT 3343 Geometry and the Elementary Teacher	3	
MAT 4503 Methods and Assessment Strategies in Elementary Math Education	3	
MAT 4952 Senior Math Seminar	2	
Elementary Education Minor		22
Professional Studies		39
<b>TOTAL FOR ELEMENTARY MATH EDUCATION MAJOR</b>		<b>142</b>

1 MAT 1334 Pre-Calculus is a required support course for the Integrated Science Education major.

## BS with Secondary Math Education Major

Students may seek teacher certification at the secondary level with the Secondary Math Education major. Students may choose a subject area minor from biology, English or history.

REQUIREMENTS FOR THE BS IN SECONDARY MATH EDUCATION		
General Education Core		50
Secondary Math Education Major		37
MAT 2233 Finite Mathematics	3	
MAT 2413 Elementary Statistics	3	
MAT 2514 Calculus and Analytic Geometry I	4	
MAT 2524 Calculus and Analytic Geometry II	4	
MAT 3303 Modern Algebra	3	
MAT 3534 Calculus and Analytic Geometry III	4	
MAT 3614 Linear Algebra	4	
MAT 3624 Differential Equations	4	
MAT 4603 Methods and Assessment Strategies in Secondary Math Education	3	
MAT 4653 College Geometry	3	
MAT 4962 Senior Math Seminar	2	
Minor		22-27
Professional Studies		39
<b>TOTAL FOR SECONDARY MATH EDUCATION</b>		<b>148-153</b>

## MINORS

**General Science Minor**—Requires eight hours of BIO lab courses, eight hours of CHE, NSC, or PHS lab courses; and two hours of any BIO, CHE, NSC, or PHS.

**Biology Minor**—BIO 1014, 1024, 3324, and 3414. Choice of: BIO 2013, 2114 or 3213.

**Biology Education Minor**—BIO 1014, 1024, 2013, 2224, 3324, and 3414.

**Chemistry Minor**—CHE 1514, 1524, 2514, 2524, and 3514.

**Mathematics Minor**—Requires 12 hours of MAT above 1103, including MAT 2514 and 2524, and six hours of upper-division MAT.

**Secondary Mathematics Education Minor**—MAT 2233, 2413, 2514, 2524, 3303 or 3624, 3614, 4653.

# College of Business and Professional Studies

Jeffery Simmons, *Dean*  
John Barton, *Associate Dean*

## School of Business

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(ACC, BUS, CIS, FIN, MGT, MKT, SMG)

Jeff Cohu, Danette Cagnet, David Hutson,  
Larry Norman, Joseph Reddick,  
Jeffery Simmons (Chair), Dan Sorensen

## MISSION STATEMENT

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The mission of the School of Business is to prepare young men and women for lives of ethical service and professional achievement in a competitive world. We will achieve this mission by providing a challenging and innovative business program to compliment a liberal arts education in an environment that reflects Christian principles and high moral and ethical standards.

## ACADEMIC OPPORTUNITIES

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Students who seek the Bachelor of Business Administration degree may choose a major in accounting, management, marketing, or sports man-

agement. The BBA provides a broad base of business training and the opportunity to focus on a particular discipline. A business concentration is also available under the Bachelor of Science degree in interdisciplinary studies. Minors in business, management, marketing, and sport management are also available.

## CAREER OPPORTUNITIES

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The Rochester College BBA pays big dividends. Whether it's at a Fortune 500 multinational or a small business, professionals who hold the BBA are well-prepared to succeed in modern business. A required business internship provides practical development and useful network contacts that lead to the right job after graduation.

## ADMISSION TO THE SCHOOL OF BUSINESS

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All students seeking a degree with a major in business must apply for and be admitted to the School of Business prior to enrolling for any upper-level course offered by the School of Business. This process is separate from and in addition to the general admittance to Rochester College.

### ADMISSION CRITERIA

The following must be documented at the time of application:

- Minimum cumulative GPA of 2.50<sup>1</sup>
- Completed 30 hours, including the following courses:
  - ENG 1113 English Comp A
  - ENG 1123 English Comp B
  - BUS 2403 Macroeconomics\*
  - BUS 2413 Microeconomics\*
  - ACC 2113 Accounting I\*
  - ACC 2123 Accounting II\*
  - MAT 1103 Intermediate Algebra (or higher level MAT)
  - MAT 2413 Statistics\*
- Must complete lower-level Business Core courses (noted with \* above) with a grade of C or higher.
- Completed Personal Background and Professional and Educational Goals sections of the portfolio.

### APPLICATION PROCESS

1. Obtain and complete the Application for Admission to the School of Business form from the Academic Services office located in the Muirhead Center.
2. Return application to the Dean of the College of Business and Professional Studies before the appropriate deadline.
  - Fall**—Monday after Thanksgiving
  - Spring**—Second Monday of April
3. The Admissions Subcommittee will review all candidates. All applicants will be notified of their admission status through a letter from the School of Business.

<sup>1</sup> Transfer students: for purposes of admission to the School of Business, all grades from previous institutions will be calculated in the cumulative grade point average.

## ENROLLMENT PRIOR TO APPLICATION PROCESS

In order to register for upper-level business courses before your application has been fully processed, you must complete a Conditional Agreement to Register. This form may be obtained from the Academic Services office.

## DEGREE REQUIREMENTS

### BBA with Accounting Major

Students may choose a specialized career path in the accounting field. Options include preparation for the Certified Managerial Accountant Exam, Internal Auditor Exam, or continued education for the Certified Public Accountant Exam.

REQUIREMENTS FOR THE BBA IN ACCOUNTING		
General Education Core		50
Business Core		44
ACC 2113 Accounting I	3	
ACC 2123 Accounting II	3	
BUS 2403 Macroeconomics	3	
BUS 2413 Microeconomics	3	
BUS 3003 Business Communication	3	
BUS 3033 International Business	3	
Choose one: BUS 3303 Business Law I BUS 3313 Business Law II	3	
BUS 4813 Internship	3	
BUS 4823 Business Strategy and Policy	3	
BUS 4942 Ethics in Business	2	
CIS 2443 Advanced Business Applications	3	
FIN 3203 Principles of Finance	3	
MAT 2413 Elementary Statistics	3	
MGT 2603 Principles of Management	3	
MKT 2503 Principles of Marketing	3	

*Continued next page*

Accounting Major		27
ACC 3113 Intermediate Accounting I	3	
ACC 3123 Intermediate Accounting II	3	
ACC 3143 Cost Accounting	3	
ACC 3213 Auditing	3	
ACC 3223 Managerial Accounting	3	
ACC 3313 Taxation	3	
ACC 4133 Advanced Accounting	3	
ACC 4223 Accounting Seminar	3	
ACC 4313 Accounting Theory	3	
Electives		7
BUS 3313 Business Law II (recommended)	3	
<b>TOTAL FOR ACCOUNTING MAJOR</b>		<b>128</b>

## BBA with Management Major

Prepares students to achieve a high level of success in entry-level business jobs. Management students benefit from a broad base of accounting, economics, marketing, and management. Students may choose from four tracks to specialize in a particular field of management. The tracks include: General Management, Financial Management, and Human Resources Management.

REQUIREMENTS FOR THE BBA IN MANAGEMENT		
General Education Core		50
Business Core (as defined on page 108)		44
Management Major		9
MGT 3603 Organizational Behavior	3	
MGT 3613 Human Resource Management	3	
MGT 3713 Operations Management	3	
Track: choose one		12
General Management Track Select 12 hours from the following: Any BUS, FIN, MGT, MKT 4513, or COM 3533	12	
Human Resource Management Track MGT 3643 Labor Relations MGT 3653 Leadership Theory MGT 3663 Training and Development Select: PSY 3013 Psychology of Personality OR PSY 3123 Social Psychology	12	
Financial Management Track FIN 3213 Financial Management FIN 3223 Bank and Financial Institution Management FIN 3243 Investment Management FIN 3253 Risk Management	12	
Electives		13
<b>TOTAL FOR MANAGEMENT MAJOR</b>		<b>128</b>

### **BBA with Marketing Major**

Prepares students for marketing research, advertising, promotions, sales, public relations, and management.

<b>REQUIREMENTS FOR THE BBA IN MARKETING</b>		
General Education Core		50
Business Core (as defined on page 108)		44
Marketing Major		24
MKT 3533 Consumer Behavior	3	
MKT 3543 Integrated Marketing Communications	3	
MKT 3553 Marketing Research	3	
MKT 4513 Marketing Management	3	
Choose 6 hours: BUS 4901, 4902, 4903 Directed Study in Business COM 3533 Intercultural Communications MED 2613 Introduction to Public Relations SMG 3003 Sports Marketing Any MKT	6	
Choose 6 hours from any MGT	6	
Electives		10
<b>TOTAL FOR MARKETING MAJOR</b>		<b>128</b>



### BBA with Sports Management Major

Prepares students for careers in fitness center management, sports public relations, recreation management, sports promotions, sports marketing, event management, and commercial/ professional sports administration.

REQUIREMENTS FOR THE BBA IN SPORTS MANAGEMENT		
General Education Core		50
Business Core (as defined on page 108)		44
Sports Management Major		27
SMG 2223 Principles and Practices of Sports Administration	3	
SMG 2263 Managing Sports Organizations	3	
SMG 3003 Sports Marketing	3	
SMG 3283 Practicum in Sports Management	3	
SMG 4003 Budget and Finance in Sports	3	
SMG 4113 Legal Aspects of Sports	3	
SMG 4253 Facility Design and Event Management	3	
Choose 6 hours from the following: SMG 3013 History and Philosophy of Sports SMG 3023 Recreation Management SMG 3613 Emerging Issues in Sports Management SMG 3623 Special Topics in Sports SMG 4243 Ethics in Sports	6	
Electives		7
MGT 3653 Leadership Theory (recommended)	3	
<b>TOTAL FOR SPORTS MANAGEMENT MAJOR</b>		<b>128</b>

### MINORS

**Business Minor**—Requires 18 hours of BUS, MGT, or MKT, including six upper-division hours.

**Management Minor**—Non-business majors may earn a management minor by completing MGT 2603 and 15 additional hours of MGT.

**Marketing Minor**—Requires 18 hours from MKT, SMG 3003, or MED 2613. Non-business majors must include MKT 2503.

**Sports Management Minor**—Requires 18 hours of SMG coursework.

# Department of Teacher Education

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(EDU, RDG)

Vikki Bentley (Chair), Ann Bryan, James Dawson,  
Linda Park, Caye Randolph

## MISSION STATEMENT

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The mission of the teacher education program at Rochester College is to prepare teachers with Christian values who can effectively serve in the diverse and challenging schools and global communities of the twenty-first century. Graduates of the program are teachers of understanding because they have gained a rich liberal arts education, acquired specialized knowledge in academic content areas, and completed a Professional Studies program. They are teachers with integrity because they have developed Christian values and high ethical standards. Lastly, they have hearts to serve because they have developed the attitudes and dispositions necessary to act as change agents in the diverse and challenging schools and communities in the twenty-first century.

## ACADEMIC OPPORTUNITIES

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Rochester College is authorized by the Michigan Department of Education to recommend teacher candidates to the state for certification. Candidates for Elementary Certification may major in one or more of the following content areas: English Education, History Education, Integrated Science Education, Language Arts Education, Elementary Math Education, and Social Studies Education. Secondary candidates may receive certification in one or more of the following content areas: Biology Education, English Education, History Education, Secondary Math Education, and Music Education<sup>1</sup>.

## CAREER OPPORTUNITIES

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Graduates who receive Elementary Certification may teach all subject areas in grades K-5 or in their major and minor content areas in grades 6-8, and all subject areas in grades K-8 in self-contained classrooms. Graduates who receive Secondary Certification may teach in grades 6-12 in their major and/or minor content areas.

<sup>1</sup> Under development to be submitted to MDE during 2008-2009

## PROFESSIONAL CERTIFICATION

Since the process of becoming a teacher includes both a baccalaureate degree and professional certification, students must declare their intent as early as possible in order to plan with an education advisor. The advising process is a critical aspect of teacher preparation; for example, with some courses, it is possible to meet both General Education and Teacher Education requirements at the same time.

	Elementary	Secondary	
	Major	Major	Minor
Biology		x	x
English	x	x	x
History	x	x	x
Integrated Science	x		
Language Arts	x		
Mathematics	x	x	x
Music (K-12) <sup>1</sup>		x	
Social Studies	x		

Education advisors ensure that students have met all teacher preparation requirements, and work with each student to plan appropriate progress toward the completion of the majors and minors. Content areas under development include K-12 Music Education. Students who wish to pursue other content area majors and minors recognized by MDE should contact an education academic advisor to determine the best way to complete requirements. Endorsements in the content areas listed above are offered to post baccalaureate students seeking teacher certification. Post baccalaureate students must also meet all of the MDE's Standards, Rules, and Guidelines for Elementary and Secondary Provisional Certification. Students must complete the college's Christian Values requirement, a teachable major and/or minor and all coursework and field experiences in the Professional Studies component.

The Professional Studies component consists of 39 semester hours of coursework and field experiences that recognize the continuum of professional development from novice to master teacher. This component is offered in four sequentially structured phases that guide prospective teachers through the preservice levels of the teaching profession.

<sup>1</sup> Under development to be submitted to MDE during 2008-2009

## ADMISSION TO THE TEACHER EDUCATION PROGRAM

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All students seeking Michigan Provisional Teacher Certification must apply for and be admitted to the Teacher Education Program. The following must be documented at the time of application:

- Completion of 60 hours with a minimum cumulative GPA of 2.70, with no grade below a “C” in the major and minor.
- Satisfactory completion of EDU 2202 Introduction to Education and EDU 2243 Educational Psychology with a minimum grade of C.

Criteria for admission to the Teacher Education Program include:

- Completion of an Application for Admission to Teacher Education.
- Passing of the MTTC (Michigan Test for Teacher Certification) Basic Skills Tests in reading, writing, and mathematics and submission of scores to the Teacher Education Office.
- Demonstration of Competency in Writing.
- Submission of a completed Criminal Record Disclosure.
- Submission of two evaluations to be completed by faculty in two of the following areas: education, major or minor area.
- Completion of an interview with the Education Admission Committee.
- Successful field placement evaluations from EDU 2201 Introduction to Education Field Experience and EDU 2241 Educational Psychology Field Experience.
- Compliance with all standards expected of the Rochester College campus community, as outlined in the Student Handbook and the College Catalog.

The application package will be reviewed by the Admission Subcommittee. All recommended candidates for admission to the Teacher Education Program will be reviewed and approved by the Advisory Council at their meetings in December and May. Candidates will be notified of admission status through a letter from the Education Department Chair.

The application package deadline for the fall semester is the Monday after Thanksgiving. The spring semester deadline is the second Monday of April. Admission is valid for six years; however, changes mandated by the Michigan Department of Education may impose additional requirements during that time period.

## DEGREE REQUIREMENTS

### BS with Elementary Education Certification Recommendation

Students may seek teacher certification at the elementary level. In addition to completing a content area major, students must complete the professional studies core and elementary education minor.

REQUIREMENTS FOR THE BS WITH ELEMENTARY EDUCATION CERTIFICATION RECOMMENDATION		
General Education Core <sup>1</sup>		50
Content Area Major		31-44
Professional Studies Core		39
EDU 2202	Introduction to Education	2
EDU 2201	Introduction to Education Field Experience	1
EDU 2243	Educational Psychology	3
EDU 2241	Educational Psychology Field Experience	1
EDU 2262	Classroom Technology	2
EDU 2283	Ethics and Philosophy of Education	3
EDU 3223	Classroom Teaching Strategies	3
EDU 3221	Classroom Teaching Strategies Field Experience	1
EDU 3243	Teaching Exceptional Students	3
EDU 3262	Teaching Across Cultures	2
EDU 3271	Teaching Across Cultures Field Experience	1
EDU 4253	Classroom Management Strategies	3
EDU 4282	Foundations of Education	2
EDU 4721	Student Teaching Seminar	1
EDU 4728	Student Teaching	8
RDG 4303	Reading Foundations	3
Elementary Education Minor		28
EDU 2303	Fine Arts for the Elementary Teacher	3
EDU 3313	Social Studies Foundations	3
MAT 2213	Math for Elementary Teachers I	3
MAT 2223	Math for Elementary Teachers II	3
NSC 2314	Science Foundations I	4

*Continued next page*

<sup>1</sup> For the Social Science requirement in the general education core, Education majors must take PSY 2223.

NSC 2324 Science Foundations II	4	
RDG 3324 Foundations of Language Arts	4	
RDG 4314 Content Reading and Assessment	4	
<b>TOTAL FOR DEGREE</b>		<b>148-161</b>

### **BS with Secondary Education Certification Recommendation**

Students may seek teacher certification at the secondary level. In addition to completing a content area major and minor, students must complete the professional studies core.

<b>REQUIREMENTS FOR THE BS WITH SECONDARY EDUCATION CERTIFICATION RECOMMENDATION</b>		
General Education Core <sup>1</sup>		50
Content Area Major		37-43
Professional Studies Core		39
EDU 2202 Introduction to Education	2	
EDU 2201 Introduction to Education Field Experience	1	
EDU 2243 Educational Psychology	3	
EDU 2241 Educational Psychology Field Experience	1	
EDU 2262 Classroom Technology	2	
EDU 2283 Ethics and Philosophy of Education	3	
EDU 3223 Classroom Teaching Strategies	3	
EDU 3221 Classroom Teaching Strategies Field Experience	1	
EDU 3243 Teaching Exceptional Students	3	
EDU 3262 Teaching Across Cultures	2	
EDU 3271 Teaching Across Cultures Field Experience	1	
EDU 4253 Classroom Management Strategies	3	
EDU 4282 Foundations of Education	2	
EDU 4821 Student Teaching Seminar	1	
EDU 4828 Student Teaching	8	
RDG 4403 Literacy in Secondary Schools	3	
Content Area Minor		
<b>TOTAL FOR DEGREE</b>		<b>148-159</b>

<sup>1</sup> For the Social Science requirement in the general education core, Education majors must take PSY 2223.

**PROGRAM DESCRIPTIONS**

# Technical and Professional Studies Program

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## TECHNICAL DEGREE OPTIONS

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The Bachelor of Science (BS) degree with a major in technical and professional studies allows students to incorporate technical training from another institution (a certificate program) into a Bachelor degree. In effect, any completed technical certificate (from an approved institution) that carries 24-50 credit hours can serve as one of the concentrations in this degree program. Whenever possible, students interested in this degree plan should complete all other degree requirements at Rochester College and then pursue the technical training as a block. If the student is entering an approved certificate program and has informed the College of Business and Professional Studies, then it is not necessary to complete 24 of the last 36 hours at Rochester College (as stipulated on page 53). Students may choose to take classes at another institution to meet the technical part of their degree while co-enrolled at Rochester College. In such a case the student must work out all of the issues related to scheduling, financial aid, full-time status, and sports eligibility. Furthermore, transfer students who have at least 24 hours of technical or technical related courses (but have not received a certificate) can count those hours as a technical concentration in this degree plan if they are willing to sign a waiver acknowledging that their technical training does not officially qualify them for employment in a technical field. For these waivers, see the College of Business and Professional Studies.

Below is a list of some of the technical certificate programs that are available at recognized institutions such as Macomb Community College and Oakland Community College. This list simply represents some available options; these institutions may adjust their programs and offerings.

### At Macomb Community College:

Architectural Drawing	EMT (paramedic, fire fighting)
Automobile Technology	Fire Science
Civil Technology	Law Enforcement
Climate Control Technology	Media and Communication Arts
Construction Technology	Medical Assistant / Surgical Tech.
Culinary Arts/Hospitality	Quality Systems Technology
Electronics Technology	Tool Fixture and Die Design

### At Oakland Community College:

Automotive Servicing	Exercise Science and Technology
Computer Aided Design / Drafting	Fire Fighter Technology

Computer Aided Engineering Tech.  
 Comp. Hardware Engineering Tech.  
 Conference and Court Reporting  
 Criminal Justice  
 Electrical Trades Technology  
 Electronic Technology

Gerontology  
 Landscape Design / Horticulture  
 Library Technical Assistant  
 Machine Tool / Welding Tech.  
 Pharmacy Technology  
 Photographic Technology

**BS with Technical and Professional Studies Major**

Allows students to incorporate technical training from another institution (e.g. from a certificate program) into a degree in professional studies.

REQUIREMENTS FOR THE BS IN TECHNICAL AND PROFESSIONAL STUDIES		
General Education Core		50
Liberal Arts Core		15
Courses completed for this core must be divided among at least three liberal arts areas, not including courses from the first and second areas of concentration. General education hours may not be used to meet this requirement. Nine of the fifteen hours must be Upper-Division.		
Professional Studies Major		hours will vary
First Area of Concentration <sup>1</sup> : at least 24 hours. Must include at least 8 Upper-Division hours, and be selected from the following concentration options:		
Business	Mathematics	Religion
Communication	Professional Writing	
General Science	Psychology	
Second Area of Concentration: at least 24 hours. This concentration must be selected from recognized certification programs of recognized technical training institutions. See the department director for a list of available options. Transfer students who have at least 24 hours of technical or technical related courses but have not received a certificate can count those hours as a technical concentration and receive the B.S. in Technical and Professional Studies, if they are willing to sign a waiver acknowledging that their technical training does not officially qualify them for employment in a technical field.		
Electives		hours will vary
<b>TOTAL FOR TECHNICAL AND PROFESSIONAL STUDIES MAJOR</b>		<b>128</b>

<sup>1</sup> Refer to p. 88 for Professional concentration requirements.

PROGRAM DESCRIPTIONS



# Center for Extended Learning

The mission of the Center for Extended Learning is to extend the mission of Rochester College by making post-secondary education available to the adult learner. This education is characterized by academic excellence, life relevance, and Christian foundation.

## OVERVIEW

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The Center for Extended Learning (CEL) designs its programs to meet the needs and schedules of adult learners. Courses in the accelerated Bachelor's degree completion programs and accelerated Associate of Arts program are available on evenings, weekends, on-line, or by directed study.

The CEL distinguishes adult learners from traditional students, who immediately go to college after high school. While the CEL and traditional program share the same objectives, the CEL program is tailored to fit the unique needs of the non-traditional student.

The CEL faculty consists of full-time instructors along with working professionals who share their professional experience on a part-time basis. Instructors abide by ethical and Christian principles and expect the same from their students.

## DEGREE OPPORTUNITIES

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The CEL offers degree completion programs at Rochester College's main campus in Rochester Hills, the Macomb Community College University Center in Clinton Township, the Mott Community College University Center in Flint, and the Specs Howard School of Broadcast Arts in Southfield. For more information, call the CEL at 248.218.2222.

### CAMPUS OFFERINGS

**(Degree specifics can be found on the following pages)**

#### **Main Campus Degree Completion Program Offerings:**

- Bachelor of Business Administration (BBA) with Management or Marketing track
- Bachelor of Science (BS) with Biblical Studies major
- BS with Counseling Psychology major
- BS with Early Childhood Studies major
- Associate of Arts

#### **Macomb University Center Degree Completion Program Offerings:**

- Bachelor of Business Administration (BBA) with a Management or Human Resources track
- BS with Counseling Psychology major
- BS with Early Childhood Studies major
- BS with Organizational Leadership and Communication major

#### **Mott University Center Degree Completion Program Offerings:**

- Bachelor of Business Administration (BBA) with Management track
- BS with Counseling Psychology major
- BS with Early Childhood Studies major
- BS with Organizational Leadership and Communication major

#### **Specs Howard School of Broadcast Arts Degree Completion:**

- BBA with Management track
- BS in Mass Communication with Public Relations, Broadcasting, or Graphic Design track
- Associate of Arts

### PROGRAM FEATURES

#### **Program Design**

- Each Bachelor degree completion program requires a total of 120 semester hours
- Each Bachelor degree completion program requires 75 semester hours of foundation credit. This includes general education, technical, occupational, and elective courses.
- Each Bachelor degree completion core is 45 semester hours.

- The AA requires 62 semester hours and may be applied toward foundation requirements for a Bachelor degree program.

### **Program Schedules**

- Classes meet once per week for 4 hours during the evenings or on Saturdays.
- Courses meet for eight weeks.
- Evening classes usually meet 6-10 p.m.
- Saturday classes usually meet 8 a.m.-12 p.m. or 12:30-4:30 p.m.
- Each of the three semesters per year consists of two eight-week sessions.
- This accelerated schedule helps CEL students finish their programs much more quickly than is possible in a traditional program.

### **Program Length**

The length of time it takes to finish the CEL program depends on how many credits the student transfers from other schools and the pace he or she chooses. As few as three hours or as many as 18 hours may be taken each semester. Students who have completed the foundation requirements (see degree requirements) may finish the Bachelor degree completion program in as few as 12 months if they assume a full schedule each semester for their specific program.

Students may complete the AA degree faster than the normal two year time frame depending on how many credits they transfer from other colleges and how many courses they take each semester. Students who do not transfer any college credit may complete the AA program in as few as 18 months. Students may enter the AA program to meet Bachelor degree foundation requirements, earn the AA degree, or both.

## **ADMISSION REQUIREMENTS**

The Center for Extended Learning has developed accelerated academic programs designed to serve the needs of adult learners. The characteristics of adult learners are carefully considered in the design of the program and the minimum requirements for entrance to the program are reflected in the admissions policy.

Regular admission to the Center for Extended Learning is granted to students who meet the following criterion:

- 23+ years of age or have 3 or more years of full-time work experience.
- Have a high school diploma with a minimum GPA of 2.25 or a GED\* or have 17 or more semester hours with a minimum GPA of 2.25 from a regionally accredited post-secondary institution.

*\*The minimum GED score prior to 2002 must be at least a 50. Beginning in 2002, the requirement is a minimum total score of 2,250 with no*

*single test score below 410 on all tests in the test battery. Regular admission to the University Center and off-site Degree Completion Programs is granted to graduates of the host institution who have a minimum GPA of 2.25.*

Regular admission to a bachelor degree completion program requires a minimum of 60 semester hours. Adult learners who have less than 60 semester hours may be admitted to the accelerated Associate of Arts program to fulfill this requirement and/or work on additional foundation credits.

Admission to the Bachelor of Science in Early Childhood Studies program requires current employment in the early childhood field.

A student may petition for provisional admission if he or she does not meet the regular admission requirements. If the student's GPA is below a 2.25 the petition must include a written rationale for why he or she believes they will succeed in a challenging accelerated adult program. Provisional admission is for advising purposes. Students who are provisionally admitted due to low GPA are limited to 6 hours their first semester. If the student is below 23 years of age and has less than 3 years of full-time work experience then he or she must significantly document that his or her primary life identity has moved beyond that of a traditional student. A range of factors may be considered, such as independence from parents, prior work experience, current employment, prior academic performance, marital status, children, etc.

Provisionally admitted students must finish foundation credits through the Associate of Arts program prior to being accepted into a Bachelor degree completion program. Completion of 12 or more semester hours at Rochester College with a minimum GPA of 2.0 will allow the student to be removed from academic alert.

### **Transfer Policy**

The CEL accepts traditional transfer credit (C- or higher) from regionally accredited colleges or universities. Up to 47 semester hours may transfer toward an associates degree and up to 90 semester hours may transfer toward a bachelor degree completion program. A maximum of 50% of a bachelor degree major's core requirement may be transferred to Rochester College. Hours transferred in from other institutions must be completed before the final semester. Official transcripts must be submitted from each previously-attended institution. See the non-traditional credit section for information regarding credit from institutions that are not regionally accredited.

## ACADEMIC AND GENERAL POLICIES

### Academic Probation/Suspension

A student whose cumulative grade point average drops below 2.00 will be placed on academic probation.

To be taken off academic probation, a student must earn a cumulative grade point average higher than the levels indicated above during the first semester after being placed on probation. If a student fails to earn the necessary cumulative grade point average during the semester that he or she is on probation, the following semester he or she will be placed on academic suspension.

Academic suspension is one semester in length. Students pursuing a degree through the Center for Extended Learning are not allowed to take courses during the semester in which they are on suspension. To return at the end of an academic suspension the student must submit a written appeal to the Associate Dean of CEL. The Associate Dean of CEL will forward the written appeal to the Academic Life Committee. The decision of the Academic Life Committee is final.

### Attendance

Regular class attendance is a necessary prerequisite for success in college studies. Thus, students are expected to attend classes regularly and punctually. If more than 30 percent of a course is missed for any reason, then it will be necessary to drop the course and take it at another time. Failure to drop a course with more than 30 percent absence will result in a grade of F.

Credits Transferred	Religion Requirement
0-29	12 hours
30-59	9 hours
60+	6 hours

NOTE: Only two absences are allowed in an eight week course, but this is not an entitlement and there are consequences to absences.

### Christian Values Requirement for Accelerated Degree Programs

Religion courses are essential to the degree programs offered by Rochester College. The CEL Christian Values Requirement (CVR) is 6 hours for the Accelerated Associate of Arts Program. There is a minimum of 6 hours for the Accelerated Bachelor Degree Program, but the total CVR depends on how many hours a student transfers from another college (see the following chart). The minimum CVR is 12 hours for students seeking both the AA and the Bachelor degree.

NOTE: Courses taken to meet the CVR for the AA degree may not be applied to the minimum CVR for the Bachelor degree.

## Course Load

Accelerated programs require a concentrated effort to meet course objectives. The average CEL course load is between nine and 12 hours per semester. Students may take as few as three hours or as many as 18 hours per semester. The Associate Dean of CEL must approve course load that exceeds 18 hours per semester.

## Dual Enrollment Policy

This policy impacts students who wish to take courses from both the Center for Extended Learning and one of the traditional colleges. Note: The designation of “traditional student” or “CEL Student” is determined by the college through which the student is pursuing a degree (i.e. Center for Extended Learning or one of the traditional colleges: College of Arts and Sciences, or the College of Business and Professional Studies).

- Traditional students are eligible to enroll in a course in the CEL program only if they meet all of the CEL’s regular admissions requirements.
- CEL students may enroll in courses in any other college with the restrictions outlined in this policy.
- Traditional students who take CEL courses will be charged the traditional college’s tuition rate. CEL students who take traditional courses will be charged the traditional college’s tuition rate.
- Crossover enrollment between the CEL and traditional colleges is allowed on a space available basis only. Determination regarding available space will be made no later than the day preceding the start of the course(s) in question.

## Honors

Graduates must complete a minimum of 45 semester hours of course work at Rochester College in order to be eligible to graduate with honors. The 45 hours must be actual courses taken at Rochester College, and cannot include credit earned through nontraditional provisions such as testing, professional schools and training, and prior learning portfolio.

## Nontraditional Credit

Rochester College recognizes that many people approach higher education with a variety of different experiences and training which has provided knowledge that is equivalent to college level learning; therefore, the College provides non-traditional avenues through which students can receive credit. Avenues for obtaining nontraditional credit at Rochester College include testing services, professional schools and training (30 hours maximum), and prior learning portfolio (30 hours maximum). Students may receive a combined maximum of 30 credit hours toward

the Associate of Arts degree and 60 credit hours toward a Bachelor degree through nontraditional avenues. Credit granted through nontraditional provisions may not count toward the 30-hour residency requirement or the Christian Values Requirement. Credit granted through the submission of portfolios must be completed before the last full semester prior to graduation or the student will not be permitted to graduate.

Note: Portfolio credit from other colleges is not automatically accepted as transfer credit; however, students may submit portfolios completed at other institutions for evaluation by Rochester College faculty.

### **On-Line / Web-Enhanced Courses**

Rochester College offers a variety of selected online courses. Online courses serve a two-fold purpose. First, online courses add flexibility in scheduling for adult learners. Secondly, they ensure that graduates have demonstrated their ability to function effectively and productively in the computer environment within their given discipline.

Students taking online courses are required to complete an online student tutorial before gaining access to their course. This must be taken prior to the initial in-class meeting with the instructor.

Students are required to attend an initial in-class meeting with the instructor for each online course. Failure to attend the initial in-class meeting will result in an administrative withdrawal from the online course.

Online courses are 9 weeks in length. Students are required to have a computer with a Pentium processor (400Mhz or faster), with Microsoft Word 2003 (or newer), Internet access, and an email account prior to enrolling in an online course. Students can access online courses through the online course management system by logging into <http://warrior.net.rc.edu>. Students are expected to participate actively in the online course a minimum of four days each week. All online courses may be accessed any time night or day. Students should allot as much or more total time than a regular classroom course would require. Online courses assume that adult students are able to comfortably navigate the computer environment (if not, CIS 1103 is recommended before taking an online course), be self-directed and require reduced dependence on the instructor for learning while studying course material and fulfilling course requirements.

## **ASSESSMENT REQUIREMENTS**

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### **Writing Proficiency**

In addition to passing Composition A & B, a student in the Center for Extended Learning must demonstrate writing proficiency in one of three ways:

1. Receive a C or higher in ENG 1123 or its equivalent within the last 5 years.
2. Pass an institutionally approved standardized writing exam. The student will be responsible for the cost of the exam, which can be administered in any CEL office. Students who receive an unsatisfactory score on this exam will be required to complete SEM 2011.
3. Complete SEM 2011 with a C or higher.

Students must begin fulfilling the writing proficiency requirement during their first semester of enrollment at Rochester College

### **Capstone Course**

Each bachelor degree program includes a capstone course. A capstone course is taken after most of a student's degree requirements have been met and allows a student to demonstrate cumulative knowledge of their chosen field. Students must earn a "C" or higher on the final paper in the capstone course in order to pass the class.

### **Degree Program Evaluation**

In order to graduate, a student must submit a short program evaluation that measures the student's perspective of the overall degree program from which they are graduating. The Degree Program Evaluation Form may be obtained from any CEL office and is usually submitted with the graduation application.

### **Residency Requirement**

Students must complete at least 30 credit hours at Rochester College for the Bachelor degree or 15 credit hours for the AA. Students must also complete a minimum of 30 of the last 36 credit hours for the Bachelor degree or the last 15 credit hours for the AA at Rochester College.

### **Registration and Course Drop Deadline**

Eight-week courses may not be added after the second class meeting. Courses that are dropped after the first class meeting receive a grade of "W" (withdrawal). The last day on which a student may drop a course is the day immediately following the fifth meeting of the course. For directed study, independent study, and on-line courses, the withdrawal deadline comes 35 calendar days from the start date. After this deadline, courses cannot be dropped and a "W" cannot be assigned.

### **Upper-Division Requirement**

At least 36 credit hours of upper-division work is required for any Bachelor degree.



## CEL TUITION AND FEES

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The tuition and fee structure in the Center for Extended Learning differs from the structure that is used in the traditional program. Differences exist because the costs associated with administering and supporting nontraditional programs are substantially less than those required for the full infrastructure needed to operate and administer a residential campus for traditional students.

### **Tuition**

Tuition (per semester hour) .....	\$280
Audit rate (per class) .....	\$125

### **Other Charges and Fees (non-refundable)**

Application Fee .....	\$35
Course Change Fee (per change form) .....	\$25
Graduation Application Fee , Bachelor's degree.....	\$125
Graduation Application Fee, Associate's degree .....	\$50
Late Payment Fee .....	\$35
Late Registration Fee.....	\$35
New Student Registration Fee (one time only).....	\$135
Online Course Fee.....	\$30
Parking Violation Fee (each violation) .....	\$30
Payment Plan Fee (per semester) .....	\$60
Returned Check Fee (NSF, per check).....	\$35
Textbooks .....	varies
Transcript Fee (per copy).....	\$5

### **Nontraditional Credit Evaluation (non-refundable)**

CLEP & DANTES Administrative Fee .....	\$35
CLEP & DANTES Testing Fee (per examination).....	\$70
DANTES Speech Testing Fee (per examination) .....	\$110
Prior Learning Portfolio Workshop Fee.....	\$50
Prior Learning Paper Assessment Fee (per paper).....	\$75
CLEP, DANTES, and Non-Traditional Transcription Posting Fee (per credit hour).....	\$25

## GENERAL PAYMENT INFORMATION

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Rochester College's continued success in its mission and growth depends on the timeliness of its students' payments. Rochester College expects accounts to be paid on time according to one of the payment options listed below. All fees are assessed and payable in U.S. dollars.

### **Cash/Check/ Money Order**

Checks and money orders should be made payable to Rochester College and brought in or mailed to the Business Office.

### **Credit Card**

Credit card payments may be made in person or called in directly to the cashier at 248.218.2051. An automatic charge may be established for the semester payment plan; a form will need to be completed and given to the Business Office each semester.

## PAYMENT OPTIONS

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### **Personal Payment**

Prior to the first day of the semester students may pay all charges remaining after financial aid to avoid service charges and late fees.

### **Employer Reimbursement**

Students who qualify for employer reimbursement may defer payment up to 5 weeks after the last day of the semester. To qualify for deferred payment, the student's employer must NOT require proof of payment in full before reimbursement. If proof of payment is required, you may not defer payment, and you must follow one of our other payment options. Students must submit (to the Business Office) their employer reimbursement policy and documentation from their employer that verifies their eligibility. This documentation must be on file for students who have an outstanding balance and would like to register for a subsequent semester.

### **Tuition Voucher**

If an employer has a policy to pay the college directly, this is referred to as a Tuition Voucher plan. Rochester College requires that the student submit vouchers (or a copy of the application for a tuition voucher) to the Business Office with registration. Documentation must be on file with the business office in order to be eligible to register for subsequent semesters as long as there is an outstanding balance.

### **Semester Payment Plan**

Students who are unable to pay the full amount due at the time of registration are offered the semester payment plan. Students pay one-third of the total semester bill, after deducting completed financial aid cred-

its, at the time of registration, and the remaining two-thirds in two equal monthly payments due on the dates indicated below. There is a \$60 fee per semester for use of the payment plan. Students may be charged a \$35 late payment fee if payments arrive after the due date. This option may not be available to students who have a history of late payments or have had a previous Rochester College account placed with a collection agency.

Fall Semester	Spring Semester	Summer Semester
August 15	January 5	April 27
September 20	February 20	May 20
October 20	March 20	June 20

## DELINQUENT ACCOUNTS

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### Past Due Accounts

Rochester College cannot release transcripts until all accounts are paid in full and Perkins loan payments are current. Students with delinquent accounts (past due 20 days or more) will not be allowed to register. A finance charge of 1.5% (18 APR) is applied monthly to delinquent accounts. Nonpayment of delinquent accounts may result in suspension or placement of the account with a collection agency.

### Collection Agency Placements

Accounts placed with a collection agency will be charged collection costs, and possible legal fees. The payee becomes responsible to the collection agency for all contact and payment arrangements. Readmission to the College will not be permitted until the amount in collections is paid in full. A list of collection agencies used by the College may be found on the Rochester College website.

## REFUNDS

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The College uses our Academic Refund Policy to calculate tuition refunds for dropped or withdrawn course(s) based on the following tables. Financial Aid adjustments will be calculated based on the Federal Refund Policy. Requests for course drops must be submitted in writing to the CEL Office. Students should remember that financial aid may be affected by changes in course load and the student may be responsible for remaining charges on their account. Therefore, it is important to consult with the Financial Aid and Business Offices before dropping a course.

Refunds for Eight-Week Courses	
On or before the first class meeting	100%
After the first and before the second class meeting*	90%
After the second and before the third class meeting*	50%
After the third and before the fourth class meeting*	25%
After the fourth class meeting*	0%

\*or 7 days following the previous meeting if a week is skipped for any reason.

Refunds for Directed Study, Independent Study, and 3-Hour On-line Courses	
On or before the designated start date of the course (as stated on the schedule in the registration packet)	100%
1-6 calendar days following the course start date	90%
7-13 calendar days following the course start date	50%
14-20 calendar days following the course start date	25%
21+ calendar days following the course start date	0%

Refunds for 1-Hour On-line Courses	
On or before the designated start date of the course (as stated on the schedule in the registration packet)	100%
1-4 calendar days following the course start date	90%
5-9 calendar days following the course start date	50%
10-13 calendar days following the course start date	25%
14+ calendar days following the course start date	0%

### CEL Associate of Arts Program

Provides a foundation for other accelerated programs offered by Rochester College.

REQUIREMENTS FOR THE ASSOCIATE OF ARTS DEGREE		
Christian Values		6
BIB 2213 Life of Christ	3	
Any BIB, MIN, or PHI	3	
Communication		9
COM 1013 Communication Basics	3	
ENG 1113 Composition A	3	
ENG 1123 Composition B	3	
Humanities		6
ART 2003 Art Appreciation OR FLM 2013 Film Appreciation	3	
ENG 2413, 3313, or 3323	3	
Science and Mathematics		9
NSC 1003, 1013, or BIO 2313	6	
MAT 1203 Survey of Mathematics	3	
Social Science		9
Any HIS or POS	3	
Any PSY or SOC	3	
Any Social Science	3	
Electives		23
CIS 1103 Software Applications (or demonstrate proficiency)	3	
<b>TOTAL FOR ACCELERATED AA DEGREE</b>		<b>62</b>

1 Can only be taken after completion of all Management core.

# BACHELOR'S DEGREE COMPLETION PROGRAMS

## REQUIREMENTS FOR THE GENERAL EDUCATION CORE

Bachelor degree completion programs require students to complete at least one course from each of the following areas: Composition A and B, oral communication, fine arts, literature, mathematics, science and history or other social science. A total of 25 credit hours is required.

### BBA with Management Major

REQUIREMENTS FOR THE BBA IN MANAGEMENT		
Foundation Credit		75
General Education Core	25	
Electives / Technical / Occupational	41	
ACC 2113 Accounting I	3	
ACC 2123 Accounting II	3	
CIS 1103 Software Applications (or demonstrate proficiency)	3	
Management Core		
BUS 3003 Business Communication	3	
BUS 3033 International Business	3	
BUS 3303 Business Law I	3	
BUS 3423 Studies in Economic Issues	3	
BUS 4823 Business Strategy and Policy	3	
BUS 4943 Business Ethics	3	
FIN 3203 Principles of Finance	3	
MGT 2603 Principles of Management	3	
MGT 3603 Organizational Behavior	3	
MKT 3513 Studies in Marketing	3	
REL 1013 Survey of Biblical Literature	3	

*Continued next page*

<b>Track: choose one</b>		<b>12</b>
General Management Track MGT 3613 Human Resource Management MGT 3653 Leadership Theory MGT 3703 Management Information Systems MGT 3713 Operations Management	12	
Human Resource Management Track MGT 3613 Human Resource Management MGT 3643 Labor Relations MGT 3663 Training and Development PSY 3013 Psychology of Personality	12	
Marketing Track MKT 3533 Consumer Behavior MKT 3543 Integrated Marketing Communications MKT 3553 Marketing Research MKT 4513 Marketing Management	12	
<b>TOTAL FOR MANAGEMENT MAJOR</b>		<b>120</b>

## BS with Biblical Studies Major

REQUIREMENTS FOR THE BS IN BIBLICAL STUDIES		
Foundation Credit		75
General Education Core	25	
Electives / Technical / Occupational	41	
BIB 2213 Life of Christ	3	
CIS 1103 Software Applications (or demonstrate proficiency)	3	
REL 1013 Survey of Biblical Literature	3	
Biblical Studies Major		36
BIB 3123 Old Testament Prophets <sup>1</sup>	3	
BIB 3233 Pauline Letters <sup>1</sup>	3	
BIB 3263 Hebrews <sup>1</sup>	3	
BIB 3223 Romans <sup>1</sup>	3	
BIB 4213 Luke/Acts <sup>1</sup>	3	
MIN 3323 Introduction to Preaching <sup>1</sup>	3	
MIN 3623 The Church and Society	3	
PHI 2933 Introduction to Ethics	3	
PHI 3923 World Religions	3	
REL 2983 Biblical Interpretation	3	
REL 3703 Survey of Church History	3	
REL 4963 Systematic Christian Doctrine	3	
Track: choose one		9
Ministry Track: MIN 3523 Ministry and Congregational Life MIN 3613 Counseling for Ministers MIN 4873 Internship OR MIN 2513 Theology of Ministry	9	
Biblical Languages Track (requirement for graduate program): GRE 1213 Accelerated Greek I GRE 1223 Accelerated Greek II GRE 1233 Accelerated Greek III	9	
<b>TOTAL FOR BIBLICAL STUDIES MAJOR</b>		

<sup>1</sup> REL 2983 Biblical Interpretation is a prerequisite for this course.



## BS with Counseling Psychology Major

REQUIREMENTS FOR THE BS IN COUNSELING PSYCHOLOGY		
Foundation Credit		75
General Education Core	25	
Electives / Technical / Occupational	38	
Prerequisites: PSY 1403 Preparation for Statistics PSY 2013 General Psychology PSY 3303 Statistics for the Behavioral Sciences	9	
CIS 1103 Software Applications (or demonstrate proficiency)	3	
Counseling Psychology Major		45
PSY 3013 Psychology of Personality	3	
PSY 3033 Abnormal Psychology	3	
PSY 3223 Psychology of Adulthood and Aging	3	
PSY 3313 Introduction to Psychological Assessment	3	
PSY 3323 Research Methods	3	
PSY 3403 Introduction to Psychotherapy and Counseling	3	
PSY 3413 Substance Abuse and Addictive Behaviors	3	
PSY 3423 Diversity and Cross-Cultural Psychology	3	
PSY 4403 Introduction to Career Development and Guidance	3	
PSY 4413 Introduction to Marital and Family Systems	3	
PSY 4423 Psychology of Group Processes	3	
PSY 4893 Psychology Seminar (capstone course)	3	
PSY 4913 Directed Research	3	
PSY 4943 Ethics in Behavioral Sciences	3	
REL 1013 Survey of Biblical Literature	3	
<b>TOTAL FOR COUNSELING PSYCHOLOGY MAJOR</b>		<b>120</b>

## BS with Early Childhood Studies Major

Admission to the program requires current employment in the field of Early Childhood.

REQUIREMENTS FOR THE BS IN EARLY CHILDHOOD STUDIES		
Foundation Credit		75
General Education Core	25	
Electives / Technical / Occupational	38	
Prerequisites: PSY 2013 General Psychology ECS Introductory Classes and practicum	9	
CIS 1103 Software Applications (or demonstrate proficiency)	3	
Early Childhood Studies Major		
ECS 3243 Math and Science for Young Children	3	
ECS 3303 Legal Issues in Early Childhood	3	
ECS 3323 Assessment of the Young Child	3	
ECS 3423 Diversity Issues in Early Childhood	3	
ECS 3433 Creative Arts for Young Children	3	
ECS 4203 Family and Child Advocacy	3	
ECS 4443 Emerging Language and Literacy	3	
ECS 4533 Family Support and Education	3	
ECS 4613 Special Needs Children and Families (Main Campus)	3	
ECS 4623 Identifying and Serving the At-Risk Child (Mott and Macomb Campuses)	3	
ECS 4653 Leadership Issues in Early Childhood	3	
ECS 4943 Ethics in Early Childhood	3	
PSY 3193 Infant and Toddler Development	3	
PSY 3203 Child Development	3	
RDG 3313 Children's Literature	3	
REL 1013 Survey of Biblical Literature	3	
<b>TOTAL FOR EARLY CHILDHOOD STUDIES MAJOR</b>		

**BS with Mass Communication / Broadcasting**

Fulfillment of degree requirements requires completion of the radio, video, or graphic arts design course at Specs Howard School of Broadcast Arts.

<b>REQUIREMENTS FOR THE BS IN MASS COMMUNICATION / BROADCASTING/GRAPHIC ARTS</b>		
<b>Foundation Credit</b>		<b>75</b>
General Education Core	25	
Electives / Technical / Occupational	23	
Production Core and Concentration (radio, video, or graphic arts) at Specs (students who take both radio and video will earn 36 hours)	24	
CIS 1103 Software Applications (or demonstrate proficiency)	3	
<b>Mass Communication / Broadcasting Major</b>		<b>45</b>
COM 2223 Public Speaking	3	
COM 3513 Small Group Communication	3	
COM 3533 Intercultural Communication	3	
COM 4813 Senior Project (capstone course-directed study)	3	
MED 2013 Introduction to Mass Communication	3	
MED 2513 Media Writing	3	
MED 2613 Introduction to Public Relations	3	
MED 3003 Media and Society	3	
MED 3013 Media Theory	3	
MED 3323 Research Methods in Media	3	
MED 3513 Public Relations Writing and Visual Design	3	
MED 4113 Media Law	3	
MED 4943 Media Ethics (note: 3 credit hour version online)	3	
MKT 3513 Studies in Marketing	3	
REL 1013 Survey of Biblical Literature	3	
<b>TOTAL FOR MASS COMMUNICATION / BROADCASTING MAJOR</b>		<b>120</b>

## BS with Mass Communication / Public Relations

REQUIREMENTS FOR THE BS IN MASS COMMUNICATION / PUBLIC RELATIONS		
Foundation Credit		75
General Education Core	25	
Electives / Technical / Occupational	41	
Prerequisites: MED 2013 Introduction to Mass Communication MED 2613 Introduction to Public Relations	6	
CIS 1103 Software Applications (or demonstrate proficiency)	3	
Mass Communication / Public Relations Major		45
COM 2223 Public Speaking	3	
COM 3513 Small Group Communication	3	
COM 3533 Intercultural Communication	3	
MED 2513 Media Writing	3	
MED 3003 Media and Society	3	
MED 2013 Media Theory	3	
MED 3323 Research Methods in Media	3	
MED 3513 Public Relations Writing and Visual Design	3	
MED 4113 Media Law	3	
MED 4323 Public Relations Campaigns and Strategies	3	
MED 4943 Media Ethics (note: 3 credit hour version online)	3	
MKT 3513 Studies in Marketing	3	
MKT 3533 Consumer Behavior	3	
MKT 3543 Integrated Marketing Communications	3	
REL 1013 Survey of Biblical Literature	3	
<b>TOTAL FOR MASS COMMUNICATION / PUBLIC RELATIONS MAJOR</b>		<b>120</b>

## BS with Organizational Leadership and Communication Major

REQUIREMENTS FOR THE BS IN ORGANIZATIONAL LEADERSHIP AND COMMUNICATION		
Foundation Credit		75
General Education Core	25	
Electives / Technical / Occupational	38	
Prerequisites: Principles of Management Organizational Behavior Software Applications (or demonstrate proficiency)	9	
CIS 1103 Software Applications (or demonstrate proficiency)	3	
Organizational Leadership and Communication Major		45
Organizational Leadership Core		
BUS 3423 Studies in Economics Issues	3	
BUS 4943 Ethics in Business	3	
MGT 3613 Human Resources Management	3	
MGT 3653 Leadership Theory	3	
MGT 3703 Management Information Systems	3	
MGT 3713 Operations Management	3	
MGT 4123 Financial Planning and Control Systems	3	
MGT 4723 Leadership Seminar	3	
REL 1013 Survey of Biblical Literature	3	
Communication Core		
BUS 3003 Business Communication	3	
COM 3513 Small Group Communication	3	
COM 3523 Interpersonal Communication	3	
COM 3533 Intercultural Communication	3	
ENG 4523 Advanced Composition	3	
MED 3513 Public Relations Writing and Visual Design	3	
<b>TOTAL FOR ORGANIZATIONAL LEADERSHIP AND COMMUNICATION MAJOR</b>		<b>120</b>

# Course Descriptions

Rochester College uses a four-digit course numbering system. In each course number, the first digit represents the course level; freshman level courses begin with "1," sophomore courses begin with "2," junior courses "3," and senior courses "4." Courses that begin with "1" or "2" are lower-division and courses that begin with "3" or "4" are upper-division. The second digit of each course number is the subdivision within the academic department. The third digit represents the sequence within each departmental subdivision. The fourth digit stands for the number of credit hours in the course.

## ACC

### Accounting Courses

#### **ACC 2113 Accounting I**

This introductory accounting course presents the foundation of accounting theory, practice, and simple analysis in sole proprietorships. PR: Math ACT of 25 or above, or MAT 1103 or MAT 1203.

#### **ACC 2123 Accounting II**

Building upon the foundation laid in Accounting I, this course addresses accounting in partnerships and corporations, including managerial accounting, and stan-

dard cost systems for manufacturing concerns, thus giving students a fundamental foundation of accounting principles for tracking, control, and decision making. PR: Minimum grade of C- or higher in ACC 2113.

#### **ACC 3113 Intermediate Accounting I**

This course further investigates the procedures for accounting for cash, receivables, inventory, plant assets, intangibles, depreciation, amortization, time value of money, and other concepts. This knowledge will give students the ability to produce data that will assist a company to get the most

out of its assets. PR: Grade of C- or higher in ACC 2123.

### **ACC 3123 Intermediate Accounting II**

The last in a sequence of fundamental accounting courses, this course covers accounting for current and long-term liabilities, stockholders' equity, earnings per share, and revenue recognition. PR: Grade of C- or higher in ACC 3113.

### **ACC 3143 Cost Accounting**

Students study of principles and techniques of cost accounting for product costing, planning, and control. Topics include but are not limited to job-order, process, and hybrid costing systems, allocation methods, cost-volume profit analysis, standard costing, and flexible budgeting. PR: ACC 2123.

### **ACC 3213 Auditing**

This course takes a look at the intriguing practice of company auditing by addressing the role of the public accountant, professional standards, attestation and other assurance services, audit evidence and documentation, and reports on audited financial statements. Particular emphasis is on the auditor's decision-making process by integrating coverage of the components of audit risk with tests of controls and substantive tests that relate to selected transaction cycles. PR: ACC 3123.

### **ACC 3223 Managerial Accounting**

This is an advanced course that goes beyond the fundamentals of accounting. The development,

interpretation, and use of relevant cost behavior, control, and traceability concepts for management planning, controlling and decision making are emphasized. Topics include: an introduction to product costing, the contribution concept, direct costing, performance standards and variance analysis, responsibility accounting, segment profitability, alternative choice decisions, and capital budgeting. PR: ACC 2123.

### **ACC 3313 Taxation**

The course studies federal income tax law and procedures as they pertain to corporations. Topics include but are not limited to gross income, property basis, exclusions, and deductions and credits. Emphasis is placed on practical problem solving using tax forms, tax research and tax planning cases. PR: ACC 3123.

### **ACC 4223 Accounting Seminar**

A case analysis class that covers all the aspects of accounting functions relating to management decision making. The creation and distribution of management and accounting information and the management of the resource are stressed. Operational, tactical and strategic information systems will be analyzed. This class serves as the capstone course in the major for assessment purposes. PR: ACC 4313.

### **ACC 4313 Accounting Theory**

An in-depth discussion of the theory and development of generally accepted accounting principles. This course addresses the conceptual framework of accounting

and the environment in which accounting interacts. PR: ACC 3123.

### **ACC 4413 Advanced Accounting**

This course explores accounting techniques that go beyond the typical transactions. Topics covered include: consolidated financial statements, foreign operations, segment and interim reporting, and partnership accounting. PR: ACC 3123.

## ART

### Art Courses

#### **ART 1413 Drawing I**

Create convincing images on paper with rendering techniques by maximizing the use of composition, volume, and perspective. Improve visual observation skills of nature and light to reach objective. Understand the effect of line quality, shape, value, texture, space, and color. (Material fee: \$90).

#### **ART 1423 Drawing II**

Emphasize individual creative expression by developing a greater understanding of advance conceptual and technical issues. Explore a wide range of various drawing media, including mixed media and collage. Still life, the figure, landscape, interiors, and abstract subject matter will be integrated in this course. PR: ART 1413 or PI. (Material fee: \$90)

#### **ART 2003 Art Appreciation**

The world's great visual art as surveyed from ancient to modern

times. Uncovers great artists' motives by seeking to understand the historical context in which each artist lived and worked. Includes brief introduction to art principles that define great works.

#### **ART 2443 Two-Dimensional Design**

Creative visual thinking is an integral part of this course. Investigate different theories of compositional design elements on a flat surface. A variety of techniques, including drawing, collage, mixed media, painting and digital photography will be explored. Practical principles of graphic design and basic color theory will be introduced. (Material fee: \$90)

## BIB

### Bible Courses

#### **BIB 2113 Genesis**

The Genesis narrative from creation up to the death of the patriarchs. Abrahamic covenant and the early nation of Israel.

#### **BIB 2213 Life of Christ**

Introduction to the life and teachings of Jesus Christ as represented in the gospel literature of the New Testament.

#### **BIB 2223 Christian Beginnings: Acts**

Introduction to the life and mission of the earliest Christians as represented in the Acts of the Apostles.



**BIB 3123 Old Testament Prophets**

Historical, literary, cultural, and theological analysis of the entire Old Testament prophetic books, Isaiah through Malachi. PR: REL 2983. CEL only.

**BIB 3133 Major Prophets**

Historical, literary, cultural, and theological analysis of Isaiah, Jeremiah, and Ezekiel. PR: REL 2983.

**BIB 3143 Minor Prophets**

Historical, literary, cultural, and theological analysis of the twelve prophetic books, Hosea through Malachi. PR: REL 2983.

**BIB 3153 Old Testament Poetic Literature**

Literary, cultural, and theological analysis of Psalms, Song of Songs, and Lamentations. PR: REL 2983.

**BIB 3163 Old Testament Wisdom Literature**

Literary, cultural, and theological analysis of Proverbs, Ecclesiastes, and Job. PR: REL 2983.

**BIB 3223 Romans**

A study of Paul's letter to the Romans with attention to its historical context and literary function. This study approaches Romans as the fullest, most systematic expression of Pauline thinking about such religious concepts as grace, faith, justification, sin, death, law, and the Spirit. In addition, attention will be paid to the history of interpretation of Romans.

**BIB 3233 Pauline Letters I**

A study of Paul's earlier letters, including 1 and 2 Thesalonians and

Galatians, with attention given to their historical context and literary function as well as what they contribute to our understanding of Paul's life and teachings.

**BIB 3243 Pauline Letters II**

A study of Paul's later letters, alternating between the Prison Epistles (Philippians, Philemon, Colossians, and Ephesians) and the Pastoral Epistles (1 and 2 Timothy, Titus). The study will attend to the historical context and literary function of these letters as well as what they contribute to our understanding of Paul's life and teachings.

**BIB 3263 Hebrews**

A study of the book of Hebrews that focuses on its literary purpose, historical context, and theology.

**BIB 3273 General Epistles**

A study of 1 and 2 Peter, James, and Jude that emphasizes the literary purpose, historical context, and theology of each book.

**BIB 3283 Revelation**

A study of the theological message of Revelation, both within its original historical and cultural context and with respect to its modern relevance. Selected topics include apocalyptic, eschatology, the nature of symbolism, the nature of biblical prophecy, and the issue of human suffering.

**BIB 3293 Mark**

A study of the Markan narrative of Christ's ministry, with special emphasis on its background, its unique themes, and its relationship to Matthew and Luke.

**BIB 4013 Biblical Archaeology**

Theory, Method, and Context. An archaeological overview of the cultural and political history of the Land of Israel from the Bronze Age through the Iron Age (Canaanite and Israelite periods 3200-586 BCE) with special focus on Biblical Tamar (aka Ein Hatzeva). The primary goal of the course is the integration of biblical studies with the archaeology of Tamar by involving students in lectures, discussion, research, and virtual archaeology via computer and, for those who elect to do the fieldwork, actual excavation of the material culture at Tamar and examination of artifacts from Tamar stored at the Israel Museum in Jerusalem.

**BIB 4123 Archaeology of Biblical Tamar in Israel (Fieldwork)**

This is the fieldwork attached to BIB 4013; students are involved in actual excavation of Biblical Tamar.

**BIB 4153 Pentateuch**

Historical, literary, cultural, and theological analysis of Genesis through Deuteronomy. PR: REL 2983.

**BIB 4193 History and Theology of the Old Testament**

This course is an exploration of history and theology in dynamic relationship within the Old Testament. Various theological perspectives within the Old Testament will be examined in light of the historical background and crises which offer a concrete context for their development. The means of examination will be a contextual-ideological approach to reading the

Old Testament that pays special attention to the socioeconomic, political, religious, and community aspects of diverse theological views that form and reform across the long history represented in the Old Testament. PR: REL 2983.

**BIB 4213 Luke/Acts**

The birth and expansion of the early church in a historical, textual, and theological study of the book of Acts. Highlights the relevance of Acts to the contemporary church. PR: REL 2983.

**BIB 4233 Synoptic Gospels**

Contextual study of the life and teachings of Jesus Christ, stressing the history, text, theology, and interrelationship of Matthew, Mark, and Luke. PR: REL 2983.

**BIB 4253 1 and 2 Corinthians**

Historical, textual, and practical study of Paul's letters to the church in Corinth. Explores problems in the early church and application of Christian principles to problem solving in the contemporary church. PR: REL 2983.

**BIB 4263 Gospel and Letters of John**

Studies the gospel of John and 1, 2, and 3 John. Highlights the nature of Christ and early church problems. PR: REL 2983.

**BIB 4293 History and Theology of the New Testament**

This course is an exploration of history and theology in dynamic relationship within the New Testament. Various theological perspectives within the New Testament will be

examined in light of the historical background and historical crises which offer a concrete context for their development. PR: REL 2983.

## BIO

### Biology Courses

#### **BIO 1014 Biological Science I with Lab**

Cellular structure and function, cell division and reproduction, genetics, metabolism, and development. For non-science and beginning majors. \$45 Lab fee.

#### **BIO 1024 Biological Science II with Lab**

Plant and animal anatomy and physiology, ecology, and evolution. For non-science and beginning majors. \$45 Lab fee.

#### **BIO 1102 Nature Study**

Ecology and identification techniques for plant and animal phyla. Meets first ten weeks of the semester.

#### **BIO 1112 Introduction to Biological Science**

An overview of cell structure, genetics, zoology, botany, and ecology including current issues related to these topics. Non-majors. Lecture only.

#### **BIO 1124 Zoology**

Major phyla of the animal kingdom, including the basic principles of comparative anatomy,

physiology, morphology, behavior, and ecology. \$45 Lab fee.

#### **BIO 2013 Introduction to Human Anatomy and Physiology**

A non-laboratory study of the functioning of the human body with an emphasis on the interaction of organs and systems. Discussion of disease prevention and health are also included. Credit cannot be given for BIO 2013 and BIO 2114 or 2124.

#### **BIO 2114 Human Anatomy and Physiology I**

Structure and function of the muscular, skeletal, nervous, and endocrine systems, and how they work together to support the human body. Supplementary topics include cell biology and histology. \$45 Lab fee.

#### **BIO 2124 Human Anatomy and Physiology II**

Structure and function of the circulatory, lymph, respiratory, digestive, urinary, and reproductive systems. Supplementary topics include electrolyte, acid/base, and fluid balance. \$45 Lab fee.

#### **BIO 2224 Introductory Botany and Zoology**

Introductory anatomy, physiology, taxonomy and ecology for the major phyla of the plant and animal kingdoms. \$45 Lab fee.

#### **BIO 2313 Nutrition**

Principles of nutrition, metabolism, food values, and dietary requirements for healthy body maintenance and growth.

**BIO 3114 Botany**

Advanced topics in plant biology including cell structure, anatomy, physiology, metabolism, and ecology. \$45 Lab fee. Prerequisite: BIO 1224 or BIO 2224.

**BIO 3213 General Ecology**

Basic ecological concepts with lab covering experimental designs and research methods used to study and interpret data. Biomes, community interactions, population dynamics, energy, and material flow. \$45 Lab fee.

**BIO 3324 Microbiology**

Fundamental concepts of microbiology with emphasis on the morphology and physiology of microorganisms. Includes applications of microbiology in medicine, food preparation, and industry. PR: Grade of C or higher in BIO 1014 or BIO 1124, or instructor permission. \$45 Lab fee.

**BIO 3414 Genetics**

Structure and function of DNA, genes, gene expression, inheritance patterns, prokaryote and eukaryote chromosome structure, and modern gene technology. Laboratory includes classic and molecular exercises in genetic \$45 Lab fee. PR: BIO 1014.

**BIO 4603 Methods & Assessment Strategies in Biology Education**

Capstone course in biology education major. Models research-based methods and assessment strategies for effectively teaching biological science in middle school and high school. Incorporation of national

and state standards and curriculum, with a special emphasis on the Michigan Curriculum Framework. A supervised sixty hour field experience is required. Prerequisite/Co-requisite: Completion of subject area coursework. Course fee: \$75. Co-requisite: EDU 4282.

**BUS****Business Courses****BUS 2403 Macroeconomics**

The course introduces students to the basic principles of economics in general and of macroeconomics (the “big” picture) in particular. Central topics of study include supply and demand, the role of government monetary and fiscal policies, national income, business cycles, and changes in aggregate price levels.

**BUS 2413 Microeconomics**

The course introduces students to the basic principles of economics in general and of microeconomics in particular. Central topics include: markets, competition, market power, labor markets, and government programs.

**BUS 3003 Business Communication**

A survey of interpersonal oral and written communication: presentational speaking, interviewing skills, listening, nonverbal communication, conflict resolution, group dynamics, letter and memo writing, developments in business

communication technology. This course provides students with the most undervalued skills in business – the ability to communicate well. PR: ENG 1113.

### **BUS 3033 International Business**

This course helps to prepare students for the global marketplace helping them to understand multinational businesses in diverse cultures; international politics and law; the global economy; business operations in an international environment. PR: BUS 2403.

### **BUS 3303 Business Law I**

An introduction to the legal aspects of business, this course specifically deals with the issues of contracts, commercial sales (Uniform Commercial Code), and torts. Students learn legal principles by using the case law method.

### **BUS 3313 Business Law II**

An introduction to the legal aspects of business, this course specifically deals with the issues of business organizations, creditor's rights, trade regulation, and real property. Students learn legal principles by using the case law method.

### **BUS 3423 Studies in Economic Issues**

Students are introduced to basic economic principles including a variety of relevant topics from both microeconomics and macroeconomics. Includes such issues as: economic analysis, supply and demand, role of government, world economics, fiscal policy, monetary policy, externalities and market failure, factor and product

markets, and business ownership and organization. CEL only.

### **BUS 4813 Internship**

Applies theory to “real world” field experiences related to the student’s major through: a minimum of 150 hours work experience with an approved employer; completion of a work journal; internship reports; reading related professional materials; and completing all the components of the School of Business Portfolio. This course is graded on a pass/fail basis. PR: Instructor permission.

### **BUS 4823 Business Strategy and Policy**

This course explores the process of developing, implementing, and maintaining an effective business strategy. Students integrate techniques and concepts from previous course work in a variety of “real world” and simulated situations. This course serves as the capstone course of the BBA program for assessment purposes. PR: Senior. Completion of business core, except internship. Course Fee: \$25.

### **BUS 4901/4902/4903**

#### **Directed Study in Business**

For students who wish to independently study a topic not explored in regular business curriculum. This course may not be a substitute for required courses. PR: Permission of the Dean.

### **BUS 4942 Ethics in Business**

Students focus on ethical issues related to the business environment including: ethical models and frameworks; individual rights and

values; individual responsibilities; organizational rights and responsibilities; ethical policy development; the influence of organizational culture on ethical behavior; and the role of Christian principles and values on organizational life. PR: PHI 2933 and Senior status.

**BUS 4943 Ethics in Business**  
CEL only.

## CHE

### Chemistry Courses

#### **CHE 1314 Intro to Chemistry I**

Atomic structure, bonding and quantitative principles in chemistry. Acids, bases, solutions and chemical reactions. Includes a laboratory component. Pre/Co-requisite: MAT 1103.

#### **CHE 1324 Intro to Chemistry II**

Classes, properties and reactions of organic compounds. Structure, function and metabolism of carbohydrates, proteins, lipids and nucleic acids. Includes a laboratory component. PR: CHE 1314.

#### **CHE 1514 College Chemistry I**

Theory and quantitative principles of chemistry: Stoichiometry, atomic and molecular structure, gas law, thermochemistry, and solutions. 3 hrs. lecture and 3 hrs. lab, weekly. Pre/Co-requisites: MAT 1334 or MAT ACT of 24 or above. \$45 Lab fee.

#### **CHE 1524 College Chemistry II**

Continuation of CHE 1514. Includes equilibria, precipitation reactions in aqueous solutions, kinetics, acids and bases, oxidation-reduction reactions, coordination compounds, nuclear chemistry, and a brief introduction to organic chemistry. 3 hrs. lecture and 3 hrs. lab, weekly. Prerequisites: Grade of C or better in CHE 1514 and MAT 1334 or above. \$45 Lab fee.

#### **CHE 2514 Organic Chemistry I**

Structure, reactions, mechanism, and synthesis in the field of organic chemistry. 3 hrs. lecture and 3 hrs. lab, weekly. PR: CHE 1524. \$45 Lab fee.

#### **CHE 2524 Organic Chemistry II**

Continuation of CHE 2514. Reactions of aliphatic and aromatic compounds. Reaction mechanisms, multistep syntheses, heterocyclic compounds, amino acids, proteins, carbohydrates, and nucleic acids. 3 hrs. lecture and 3 hrs. lab, weekly. PR: CHE 2514. \$45 Lab fee.

#### **CHE 3514 Biochemistry I**

Structure and function of proteins, carbohydrates, and lipids. Enzyme mechanisms, kinetics, and regulation. Bioenergetics and catabolism. 3 hrs. lecture and 3 hrs. lab, weekly. PR: CHE 2514. \$45 Lab fee.

**CIS****Computer Systems  
Management Courses****CIS 1103 Software Applications  
of Computers**

Hands-on microcomputer training for current available software applications for data management, spreadsheets, and other applications. Stresses familiarity with PC operating environment. CEL only.

**CIS 2443 Advanced Business  
Applications**

This course is designed to take students beyond the basics of using industry standard business applications including, but not limited to: Word, Excel, Access, Outlook, and PowerPoint. Students gain hands-on experience with the use of software packages for communication, data management, business analysis, and decision making. Students must have a fundamental working knowledge of the listed software programs prior to registering for this course.

**CIS 3423 Database Management  
Systems**

Students gain understanding of the basics of database design, data structures, and database administration in a business environment. The course also addresses file processing with multiple databases.

**CIS 3513 Web-Based Applica-  
tion Development**

This course focuses on current trends in electronic commerce,

use of search engines, and other productivity tools. Students learn how to examine and evaluate web sites for design functionality, aesthetic appeal, and business utility. Students also learn how to develop a web site using the latest site creation software applications.

**CIS 3523 Commercial Web Site  
Design**

This course addresses the design, development, and management of Web sites specifically for the facilitation of business marketing, and e-commerce. Topics covered include: requirements for definition, developing identity, site design, domain registration, determining access, posting a site to search engines, keeping a site current, and revision processes. PR: CIS 3513.

**CIS 4213 Decision Support and  
Expert Systems**

Students explore technological developments available for management decision-making and the manner in which they are being constructed and used. The course will differentiate between Decision Support Systems (DSS), Group Decision Support Systems (GDSS), Executive Information-Systems (EIS), Expert Systems (ES), and Artificial Neural Networks (ANN), and identify the roles and limitations of each in the decision making models of an enterprise. PR: MGT 3703.

**CIS 4313 E-Commerce**

This course provides an overview of e-commerce issues and topics

that will include business models, hardware platforms, security, payment methods, out-sourcing, and management. With this understanding students will be able to analyze and evaluate tools, techniques and methods for developing and implementing an e-commerce strategy.

**CIS 4733 Project Management**

This course introduces students to the skills and techniques required to manage major project initiatives. Students learn how to produce and analyze project requirements, budgets, and risk assessments while considering the context of the business organization. More specific course topics include: project scope, estimating, scheduling, tracking and controlling. Prerequisites: MGT 3703 and CIS 4213.

**COM**  
Communication  
Courses

**COM 1013 Communication Basics**

Theory and practice in a variety of communication contexts, including verbal, nonverbal, perception, and listening. Includes practice in organizing and delivering speeches.

**COM 2223 Public Speaking**

Public speaking theory and practice. Students prepare and deliver several types of speeches. PR: C- or better in COM 1013.

**COM 2233 Nonverbal Communication**

Theories and types of nonverbal communication and implementation of effective nonverbal communication strategies. PR: C- or better in COM 1013.

**COM 2253 Listening**

Theories and techniques of effective listening in interpersonal, intercultural, small group, and public contexts. PR: C- or better in COM 1013.

**COM 2513 Comm. Theory**

Survey of communication theories and models upon which communication studies are built. PR: C- or better in COM 1013 and ENG 1123.

**COM 3513 Small Group Communication**

Theories and techniques for small groups in various settings. PR: C- or better COM 1013.

**COM 3523 Interpersonal Communication**

Elements of communication between two or more persons in family, social, work, church, and computer-mediated settings. PR: C- or better in COM 1013.

**COM 3533 Intercultural Comm.**

Major theories and concepts involved in intercultural communication. Emphasis on increasing awareness of and sensitivity to persons of other cultures and/or co-cultures and improving personal effectiveness in intercultural communication. PR: C- or better in COM 1013.



**COM 4613 Special Topics**

Various Communication topics chosen by students or instructor.

**COM 4813 Senior Project**

Preparation of a major paper in an area of the student's interest. PR: Senior status and instructor permission.

**COM 4893 Internship**

Supervised field experience in a setting related to a student's track, with application of theoretical knowledge. Includes outside reading and a written report. It is the student's responsibility to locate an internship. PR: Senior status and permission of instructor.

**COM 4943 Comm. Ethics**

The major issues and perspectives involved in making ethical choices in communication. PR: Senior status.

**COM 4613 Special Topics**

Various communication topics chosen by students or instructor.

**ECS****Early Childhood  
Studies Courses**

*\*All ECS classes for CEL only.*

**ECS 2413 Early Childhood Education**

An examination of the major theories and philosophies of early childhood education. Theories of child development are examined and

applied to the use of space, materials, and personnel in providing the young child with an optimal environment in group settings.

**ECS 2423 Curriculum Methods**

Methods and materials used to provide developmentally appropriate learning experiences for the young child are examined. Students will develop curriculum plans that encourage children's cognitive, emotional, physical, social, and spiritual development. Emphasis will be placed on the organization and evaluation of the early childhood learning environment.

**ECS 3243 Math & Science for Young Children**

Developmentally appropriate activities in the early childhood environment that encourage observation, exploration, inquiry, and the development of math and science concepts. Use of software that encourages math and science skills will be explored.

**ECS 3303 Legal Issues in Early Childhood Education**

General business law as it impacts early childhood settings. Includes such relevant topics as contracts, torts, employment law, business forms and their respective liability, reporting abuse and neglect, custody issues, licensing, and compliance.

**ECS 3323 Assessment of the Young Child**

Examination of both formal and informal measures used to observe and assess the physical, emotional, social, and intellectual devel-

opment and growth of a young child. Emphasizes developmentally-appropriate instruments and alternative assessment procedures. The importance of assessment in evaluation, parent communication, and classroom planning is emphasized PR: ECE 2413.

### **ECS 3423 Diversity Issues in Early Childhood**

Strategies for working effectively with children and families from diverse socioeconomic, ethnic, and cultural backgrounds. Issues of communication, family values, and child-rearing practices will be emphasized. Students will be encouraged to examine their own biases as they relate to professional practices.

### **ECS 3433 Creative Arts for Young Children**

Examination, rationale, and experiences in the creative use of art, music, movement, drama, literature, and storytelling. PR: ECE 2413.

### **ECS 4203 Family & Child Advocacy**

Focus on the role of the child care professional in advocating for the young child and empowering the family. Examination of the interaction between the family, community, and government agencies. Exploration of community and government resources available for family needs. Students will learn fundamentals of grant-writing.

### **ECS 4443 Emerging Language and Literacy**

Emphasis on the development of listening, speaking, pre-writing,

and pre-reading skills in a developmentally appropriate context. Identifies and examines those practices and experiences most useful for promoting competency and interest in reading and writing. Examines the use of technology in the classroom to promote literacy development. PR: ECE 2413.

### **ECS 4533 Family Support and Education**

Family dynamics, parenting styles, child guidance techniques, and their long-term impact on the development of the young child. Methods of supporting and educating families of young children to encourage social-emotional development, including working with special family circumstances.

### **ECS 4613 Special Needs Children and Families**

Issues faced by special needs children and the interventions that are available to them and their families. Special emphasis on parent-school communication and implications for planning in the classroom environment.

### **ECS 4623 Identifying and Serving the At-Risk Child**

Family and societal characteristics that place a child at risk for academic or social failure. Parenting practices, economic issues, health care, and community resources available for young children and their families.

### **ECS 4653 Leadership Issues in Early Childhood**

Analyzes and implements leadership and decision-making strate-

gies in a professional setting. The course will focus on the characteristics of leadership, and the implications of both effective and ineffective leadership for organizations that serve young children. Students will develop a business plan for an early childhood organization. This course serves as a capstone course for the early childhood program for assessment purposes.

### **ECS 4943 Ethics for Early Childhood**

Ethical standards of early childhood practitioners reviewed in the context of the State of Michigan Law and the National Association for the Education of Young Children (NAEYC) code. Contrasts philosophies of Biblical imperative and humanistic practice.

## **EDU**

### **Education Courses**

### **EDU 2201 Introduction to Education Field Experience**

Required 30-hour placement for students enrolled in EDU 2202. Graded on a pass/fail basis. PR/CR: EDU 2202. Course fee: \$50.

### **EDU 2202 Introduction to Education**

Exploration of the nature of the teaching profession. Includes examination of school structure and operation, foundations of education, and current issues and trends in the field. Emphasizes research, whole class and small-

group discussion, observation, role-playing, and application of educational theory. Thirty-hour field experience required. PR: sophomore status with a 2.70 GPA. CR: EDU 2201.

### **EDU 2241 Educational Psychology Field Experience**

Required 30-hour placement for students enrolled in EDU 2243. Graded on a pass/fail basis. PR/CR: EDU 2243. Course fee: \$50

### **EDU 2243 Educational Psychology**

Educational principles, research and theory fundamental to effective, high quality teaching and learning. Topics include information on human development, learning theory, the impact of culture and exceptionality, and various approaches to instruction. Research-based principles and time-tested strategies are applied to the classroom in practical ways. Development of framework on which to build future experiences in the field of education and content areas. Thirty-hour field experience required. PR: EDU 2202, sophomore status with a 2.70 GPA. CR: EDU 2241.

### **EDU 2262 Classroom Technology**

Utilization of technology in teaching and learning. Emphasis on technology that develops student-centered learning, multisensory stimulation, multimedia lesson formats, collaborative work environments, information exchange, inquiry-based learning, critical thinking, and proactive planning within authentic, real world contexts. The ability of global discourse communities to

facilitate cross-cultural understanding. Development and application of ethical standards/criteria for the use of the internet in the classroom. PR: EDU 2202, sophomore status with a 2.70 GPA.

### **EDU 2283 Ethics and Philosophy of Education**

Examination of the ethics of teaching individuals from widely differing backgrounds. Overview of various educational philosophies and their relationship to the philosophies of ethics and morality. Presents case studies depicting moral and ethical dilemmas in educational settings. PR: EDU 2202, sophomore status with a 2.70 GPA.

### **EDU 2303 Fine Arts for the Elementary Teacher**

Develops understanding, activities, methods and materials for integrating art and music into the elementary classroom. PR: EDU 2202, sophomore status with a 2.70 GPA. Course fee: \$60.

### **EDU 3221 Classroom Teaching Strategies Field Experience**

Required 30-hour placement for students enrolled in EDU 3223. Graded on a pass/fail basis. PR/CR: EDU 3223. Course fee: \$50.

### **EDU 3223 Classroom Teaching Strategies**

Introduction of components of effective, high quality classroom teaching documented through theoretical and applied research and practice. These components encompass planning and preparation, creating an inclusive classroom environment, and engaging students

in intentional learning. A variety of student-centered instructional approaches are presented. Introduction of the Michigan Curriculum Framework. Supervised thirty-hour field experience required. PR: Admission to the Teacher Education Program. CR: EDU 3221.

### **EDU 3243 Teaching Exceptional Students**

Overviews the field of special education. Study of the physical, psychological, social, and educational factors related to exceptional individuals, including the gifted and/or culturally diverse. Emphasis on the historical, legal, and current inclusionary models of special education that form the basis for the general education teacher's role in serving students with special needs. PR: Admission to the Teacher Education Program.

### **EDU 3262 Teaching Across Cultures**

A study of multicultural education designed to provide a background for developing competence as cross-cultural teachers. Presents a Biblical rationale for cultural pluralism. Discusses effective teaching strategies for educators working with K-12 students diverse in gender, class, ethnicity, religion, or language. Following completion of this course, students must take EDU 3271 Teaching Across Cultures Field Experience. PR: Admission to the Teacher Education Program; EDU 3223.

### **EDU 3271 Teaching Across Cultures Field Experience**

An immersion field experience

designed to build cross-cultural understanding and competence. Study of diversity from a community perspective. Interrelationship of cultural influences and school success. Development of dispositions and effective characteristics necessary to teaching in cross-cultural environments. Two-week intensive field placement required. PR: EDU 3262, Admission to the Teacher Education Program. Course fee: \$135.

### **EDU 3313 Social Studies Foundations**

Interdisciplinary course comprising selected topics in geography, history, political science, and sociology, and overview of the structure of the respective disciplines. Designed to provide content background and resources for elementary school teachers. PR: Admission to the Teacher Education Program.

### **EDU 4253 Classroom Management Strategies**

Investigation and assessment of various approaches to establishing an environment that fosters learning. Examination of organization and management of resources, supplies, and classroom configuration to provide an inviting and safe atmosphere. Discussion and analysis of various approaches to discipline in the classroom. Evaluation of a variety of strategies to handle disruptive behavior. Development of a personal classroom management style grounded in sound principles. Emphasis on research, whole-class and small-group discussion, observation, role-playing, and applica-

tion theory. PR: Admission to the Teacher Education Program.

### **EDU 4282 Foundations of Education**

Interdisciplinary study of education in the American society. Identification and examination of the central characteristics of the American educational system. Emphasis on the interpretation and appraisal of current educational practices and trends. PR: Admission to the Teacher Education Program. To be taken in the final semester of Professional Studies coursework prior to Student Teaching.

### **EDU 4721/4821 Student Teaching Seminar (Elementary/Secondary)**

Supports the student teaching experience. Reviews policies, requirements and professional responsibilities and revisits the Elementary-Level Standards for Michigan Teachers and Pathwise Domains, the standards used to evaluate student teachers. Practical advice and information on communicating with parents and finding a job. Co-requisite: EDU 4728/4828 Student Teaching.

### **EDU 4728/4828 Student Teaching (Elementary/Secondary)**

Final requirement for preservice teachers seeking elementary/secondary certification through Michigan Department of Education. The one-semester student teaching assignment consists of 12 full weeks, resulting in eight hours of course credit. Co-requisite: EDU 4721/4821 Student Teaching Seminar. PR: Admission to Student Teaching. Course fee: \$135.

# ENG

## English Courses

### **ENG 1003 Basic Writing**

Reading, critical thinking, expository writing, and study strategies. ENG 1003 cannot be credited toward a degree. Required for students with no college credit in composition when the English ACT is 16 or below. This course does not count toward graduation.

### **ENG 1113 College Composition A**

Writing and revising expository papers and documented reports. Students read and analyze selected essays and articles. PR: English ACT of 17 or above; or grade of C or better in ENG 1003.

### **ENG 1123 College Composition B**

Writing critical essays and research papers; Examines forms of imaginative literature. PR: ENG 1113.

### **ENG 1133 Fundamentals of Composition**

For students who need a third composition course. Relation between writing and thinking, fundamentals of grammar, syntax, organization, and unity. Satisfactory completion meets the English proficiency requirement.

### **ENG 2013 Literary Aspects of the Bible**

Genres of literature in the Old and New Testaments with reference to the historical and cultural context of the writings. Prerequisites: REL 1003 or 1013 and ENG 1123.

### **ENG 2113 Approaches to Grammar**

History and development of the English language. Political and cultural influences on the language and an analysis of the relation between theoretical and practical approaches to English study. Required of majors certifying to teach. PR: ENG 1123.

### **ENG 2413 World Lit. Survey**

A comparative study of literature from a variety of world cultures. PR: ENG 1123.

### **ENG 3213 British Writers I**

British writers of medieval times to the close of the 18th century, and characteristics of the literary periods. PR: ENG 1123.

### **ENG 3223 British Writers II**

British writers of the late 18th century to the early 20th century, and characteristics of the literary periods. PR: ENG 1123.

### **ENG 3313 American Writers I**

An analytical study of the development of American Literature from the Colonial era to the Civil War. PR: ENG 1123.

### **ENG 3323 American Writers II**

Major works from the Civil War to the present. PR: ENG 1123.

### **ENG 3513 Critical Writing and Literary Analysis**

Advanced writing course on types of writing used to analyze literature. Analytical application of major literary criticism philosophies. PR: ENG 1123.

**ENG 3523 Creative Writing**

Creative writing theory and practice in a seminar setting; Composition of fiction, poetry, and/or drama. Also, sources of creative writing, characteristics of major genres, and process of revision and editing. PR: ENG 1123.

**ENG 3533 Technical Writing**

Scientific, business, and technical writing. Includes how to conduct research, write abstracts, and compose major reports. Also studies format of scientific and technical journals. PR: ENG 1123.

**ENG 3613 Introduction to Linguistics**

Basic concepts and methodology of the science of language: Descriptive and historical aspects, phonemic, morphemic, and syntactical features. PR: ENG 1123.

**ENG 4213 Shakespeare Comedies**

A critical study of Shakespeare's comedies synthesizing the historical, linguistic, theatrical, and cultural context of these writings. PR: ENG 1123 and 3513. Course fee: \$45.

**ENG 4223 Shakespeare Tragedies**

A critical study of Shakespeare's tragedies synthesizing the historical, linguistic, theatrical, and cultural context of these writings. PR: ENG 1123 and 3513. Course fee: \$45.

**ENG 4233 Shakespeare Histories**

A critical study of Shakespeare's histories synthesizing the historical, linguistic, theatrical, and cultural

context of these writings. PR: ENG 1123 and 3513. Course fee: \$45.

**ENG 4413 Pluralism in American Literature**

African, Asian, Arab, Hispanic, and Native-American voices in American literature. Required for English majors planning to teach. PR: ENG 1123 and 3513.

**ENG 4523 Advanced Composition**

Advanced writing, revision, and editing. PR: ENG 1123.

**ENG 4533 Senior Writing Project**

Student preparation of a major paper in an area of interest. PR: ENG 1123 and 3513.

**ENG 4593 Special Topics**

Various topics in English, chosen by students or instructor. PR: ENG 1123 and 3513.

**ENG 4603 Methods and Assessment Strategies in English Education**

Capstone course in the English Education major. Presents strategies, methods, and assessment for effectively teaching middle and high school English students. Using an integrated language arts perspective, teacher candidates research, design and implement lessons that meet the state and national standards and gain practical tools to assess student growth. Emphasizes the development of professional practice through reading professional literature and participating in professional organizations. A supervised sixty hour field experience is required. Prerequisite/Co-requisite: Completion of subject-

area coursework. Co-requisite: EDU 4282. Course fee: \$75.

**ENG 4613 Advanced Literary Theory**

A continuation of ENG 3513: Philosophies of literary criticism. PR: ENG 1123 and 3513.

**ENG 4713 Studies in Genre: Novels**

An analytical study of the structure of the novel in the context of selected novels including critical and literary analysis of each narrative. PR: ENG 1123 and 3513.

**ENG 4723 Studies in Genre: Short Story**

Literary analysis of selected short stories. PR: ENG 1123 and 3513.

**ENG 4733 Studies in Genre: Poetry**

Literary analysis of selected poetry. PR: ENG 1123 and 3513.

**ENG 4743 Studies in Genre: Drama**

Literary analysis of selected dramas. PR: ENG 1123 and 3513.

**ENG 4753 Advanced Studies in Poetry**

In-depth analysis of selected poetry. The student will recognize and understand thematic concerns that spring from different cultures, events, and historical contexts. PR: ENG 1123 and 3513.

**ENG 4811 Senior Seminar**

Required capstone course for English majors designed to assess student and program progress. PR: ENG 1123.

# FIN

## Finance Courses

**FIN 3113 Personal Financial Management**

One of the most practical courses one can take, this course provides an overview of personal finance issues and is designed to help students better manage their financial resources. Key topics include the following: Long-term financial planning, budgeting, retirement strategies and vehicles, tax planning, savings and investment options, home ownership, financing and leasing options, insurance and personal risk management.

**FIN 3203 Principles of Finance**

This course is designed to provide students with an understanding of how to best manage the financial resources of a firm. Students will gain an understanding of financial analysis, capital budgeting, asset valuation, working capital, credit policies, accrued and current debt policy, sources of financial structure, costs of capital, dividend policy, and securities markets. PR: ACC 2123.

**FIN 3213 Financial Markets**

This course provides an overview of financial market theory, practice, and history. Discussion will include the nature and function of money, banking and credit, the role of the Federal Reserve, U.S. monetary policy, interest rate theory, capital and derivatives markets, foreign currency exchange,



U.S. balance of payments, and international finance agencies. Prerequisites: BUS 2403, BUS 2413, ACC 2113, and ACC 2123.

### **FIN 3223 Bank and Financial Institution Management**

This course examines the financial regulatory and economic environment in which banks and other financial institutions operate. Students will study the internal operations of a bank, analyze bank financial statements, and apply appropriate analysis in the context of budgeting and strategic planning. An inquiry will be made into a bank's investment function as well as the marketing of banking services. Students will also examine bank funding and requirements and asset/liability management techniques. In addition, the competitive aspects of the financial services industry in comparison with non-financial service organizations.

### **FIN 3243 Investment Management**

Students are provided a general framework for constructing financial portfolios and valuing investments. Important concepts include portfolio theory, credit analysis, valuation of call and conversion features on debt instruments, and fundamental analysis of equities and foreign assets.

### **FIN 3253 Risk Management**

This course provides a framework for recognizing the essential elements that mitigate loss and expedite business recovery which is essential in risk management op-

erations. Identifying and managing risk, crisis and disaster management, and emergency/contingency planning will be discussed.

## **FLM**

### Film Courses

#### **FLM 2013 Film Appreciation**

An introduction to the art of film. Includes such topics as film making, early history of the industry, genres, and theories. Students view and analyze a number of films in order to better understand the impact of film on individuals and society.

#### **FLM 2423 Film History**

History of the film industry with special attention to influences of the industry and the industry's influence on history.

#### **FLM 3413 Film Genre**

Film genres such as musical, comedy, and film noir. Topics to be announced. PR: C- or better in FLM 2013 or 2423.

#### **FLM 3433 Film Theory**

Major critical approaches to film. PR: C- or better in FLM 2013 or 2423.

#### **FLM 4413 Seminar in Film**

Great film makers, foreign films, and social issues and film. PR: C- or better in FLM 2013 or 2423.

**FRE**

## French Courses

**FRE 1214 Elementary French I**

Basic vocabulary, grammar, and practice in understanding, speaking, writing, and reading French.

**FRE 1224 Elementary French II**

Vocabulary-building and complex grammatical construction. Stresses the spoken language and French culture. PR: FRE 1214 or three semesters of high school French.

**GEO**

## Geography Courses

**GEO 1013 Introduction to Geography**

A survey of the basic geographic concepts, terms, and methods used in the earth science, culture-environmental, locational, and area analysis traditions. Emphasis on religion, population, language, traditions, and urbanization.

**GEO 3113 World Regions**

An examination of the political, economic, cultural, and environmental dynamics that shape the major world regions. Evaluations include Africa, Asia, Anglo-America, Europe, the Commonwealth of Independent States, Latin America, the Middle East, and the Pacific Islands.

**GER**

## German Courses

**GER 1214 Elementary German I**

Basic vocabulary, grammar, and practice in understanding, speaking, writing, and reading German.

**GER 1224 Elementary German II**

Vocabulary-building and complex grammatical construction. Stresses the spoken language and German culture. PR: GER 1214 or three semesters of high school German.

**GRE**

## Greek Courses

**GRE 1213 Accelerated Elementary Greek I**

Part one of this three-part course introduces students to the fundamentals of Koine Greek. The focus is on memorization of vocabulary and paradigms, and learning the syntax and grammatical constructions of the language. CEL only.

**GRE 1214 Elementary Greek I**

Basic Koine Greek. Highlights the importance and function of Greek language in the writing of New Testament books and letters.

**GRE 1223 Accelerated Elementary Greek II**

Part two of this three-part course continues the foundational language study of the first part. Students will continue exploration

of vocabulary, paradigms, syntax, grammar, and parsing as they hone their translation skills. CEL only.

**GRE 1224 Elementary Greek II**

A continuation of GRE 1214 that includes selected readings from the New Testament. PR: GRE 1214.

**GRE 1233 Accelerated Elementary Greek III**

Part three of this three-part course concludes the introduction to the basic building blocks of the Koine Greek language and prepares the student for reading the New Testament. Students will read selections from the New Testament in Greek. CEL only.

**GRE 3314 Intermediate Greek Grammar**

Selected readings from the Greek New Testament, with an emphasis on advanced features of grammar and syntax. PR: GRE 1224.

**GRE 3413 Advanced Greek Readings I**

Selected readings from the Greek New Testament. PR: GRE 3314.

**GRE 3423 Advanced Greek Readings II**

Selected readings from the Greek New Testament. PR: GRE 3314.

**HEB**  
Hebrew Courses

**HEB 1214 Elementary Hebrew I**

Basic principles, grammar, and vocabulary needed to translate

from the Hebrew Bible.

**HEB 1224 Elementary Hebrew II**

Continuation of HEB 1214; additional grammatical and vocabulary skills. Includes readings from the Hebrew Bible. PR: HEB 1214.

**HEB 3413 Advanced Hebrew Readings I**

Selected Readings from the Hebrew Old Testament. PR: HEB 1224.

**HEB 3423 Advanced Hebrew Readings II**

Selected Readings from the Hebrew Old Testament. PR: HEB 1224.

**HIS**  
History Courses

**HIS 1313 Survey of Western Civilization I**

Examines major events, people, institutions, and ideas in the development of Western civilizations. Includes ancient Egypt, Greece, and Rome, the rise of Christianity, Medieval Europe, Byzantine and Islamic Empires, and the Renaissance-Reformation era.

**HIS 1323 Survey of Western Civilization II**

Examines Western development since the Reformation. Themes include exploration and discovery, the Enlightenment, political and industrial revolution, the rise of democratic, socialist, and na-

tionalist ideologies, imperialism, World Wars and the Cold War.

### **HIS 2113 Michigan History**

Significant events and people in the state's history from European settlement to the present.

### **HIS 2513 United States History I**

Surveys American political, economic, social, religious, and intellectual development from colonization to 1900. Includes European settlement, the American Revolution, growth of democracy, westward expansion, slavery, Civil War, Reconstruction and industrialization.

### **HIS 2523 United States History II**

Surveys America's political, economic, social, religious, and intellectual development from 1900 to the present. Highlights include industrialization and social reform, world wars, prosperity and depression, Cold War, Civil Rights, and the era of global markets.

### **HIS 3313 French Revolution and Napoleonic Era**

Highlighting institutional, ideological, and social change, this course examines the origins, development, and impact of the French Revolution and Napoleonic Empire among the great transforming periods in Western history.

### **HIS 3323 Nineteenth-Century Europe**

Examines political, economic, ideological, social, cultural, and technological developments in Europe from 1815 to World War I. Topics include the Industrial

Revolution and its effects, liberalism and democracy, socialism, nationalism, and imperialism.

### **HIS 3423 Emerging Nations**

This course evaluates patterns of political, social, religious and economic development in Africa, Asia, Latin America and the Middle East. Regional case studies focus on flashpoints within each realm and possible solutions to bring the regions into the global community.

### **HIS 3503 Women in American History**

This course surveys the status and contributions of women in each of the important eras of American history and examines the legal status of women from feme covert to 21st century gender equity. The role of feminist heroes and pioneers as well as the social-economic status of the majority of American women is presented. The early struggles for equality and suffrage are traced to present day issues of gender discrimination. The focus is on the role of women as political and cultural leaders.

### **HIS 3513 American Diplomatic History**

A critical look at major issues in American foreign policy from the birth of the Republic to the present. Interpretive examination covers origins of American diplomacy, expansionism, the Civil War, imperialism, world conflicts and the Cold War.

**HIS 3523 Colonial and Revolutionary America**

Examines the colonial heritage and founding years of the United States. Major topics include European colonization, English colonial politics and cultures, immigration and slavery, imperial relations, the Revolutionary War, and the U.S. Constitution.

**HIS 3533 The Early American Republic**

Examines developments in the first decades of the United States under the Constitution. Includes the rise of political parties, age of Jefferson, War of 1812, Market Revolution, revival and reform, Jacksonian democracy, expansion and war, slavery and sectionalism.

**HIS 3543 The Gilded Age and Progressive Era**

The developments in America that gave rise to big business, economic reactions, and social reform efforts. Areas of interest include the rise of industry and its relation to growth, urbanization, immigration, the labor movement, Populism and Progressivism.

**HIS 3553 America in World Crises**

An overview of the major twentieth-century upheavals that brought America into its dominant position in the world theater. An examination is given to the World Wars, the Depression and New Deal, and related political changes.

**HIS 3603 Methods and Assessment Strategies in History Education**

Capstone course in the History Education minor. Presents research-based methods and assessment strategies for effectively teaching middle and high school History and Social Studies. Incorporates national and state standards and curriculum, with a special emphasis on the Michigan Curriculum Framework. A supervised 30-hour field experience is required. Prerequisite/Corequisite: Completion of history education minor coursework. Fee: \$50.

**HIS 3813 Historical Research and Writing**

An introduction to upper level historical study, this course examines the history, nature, sources, and methods of historical investigation and writing. Guided assignments, including a major research paper, exercise learned skills.

**HIS 4323 Twentieth-Century Europe**

Examines major events, ideas, people, and institutions in the most violent century of human history. Covered topics include the impact of World War I, democracy and totalitarianism, World War II, the Cold War, decolonization, and the aftermath of communism.

**HIS 4503 Methods and Assessment Strategies in Social Studies Education**

Capstone course in the Social Studies Education major. Presents

research-based methods and assessment strategies for effectively teaching elementary and middle school Social Studies. Incorporates national and state standards and curriculum, with a special emphasis on the Michigan Curriculum Framework. A supervised sixty-hour field experience is required. Prerequisite/Corequisite: Completion of subject-area course-work. Co-requisite: EDU 4282. Course fee: \$75.

**HIS 4513 American Civil War Era**  
Examines the origins, course, and aftermath of the Civil War. Emphasis is given to the political, cultural, economic, racial, and religious context of secession, the presidency of Lincoln, major military campaigns, and Reconstruction efforts.

**HIS 4523 Cold War America**  
Examines the rise and fall of the Cold War and its impact on American foreign and domestic policy. Topics include Cold War origins and alliances, the American economy and society, Civil Rights movement, Vietnam, Watergate, and the Reagan era.

**HIS 4603 Methods and Assessment Strategies in History and Social Studies Education**  
Capstone course in the History Education major. Presents research-based methods and assessment strategies for effectively teaching middle and high school History and Social Studies. Incorporates national and state standards and curriculum, with a special emphasis on the Michigan Curriculum Framework. A super-

vised sixty hour field experience is required. Prerequisite/Co-requisite: Completion of subject-area coursework. Co-requisite: EDU 4282. Course fee: \$75.

**HIS 4613 Selected Topics in History**  
American or European history topics chosen by students or instructor.

**HIS 4813 Senior Project in History**  
Capstone course for history majors. Supervised research project on a selected historical problem, culminating in a formal paper and presentation. PR: HIS 3813.

**INF**  
Information Literacy  
Courses

**INF 1011 Information Research**  
This course will teach valuable research and critical thinking skills while familiarizing the student with the organization of information resources. CEL only.

**INS**  
International Studies  
Courses

**INS 2113 Aesthetics**  
This course exposes students to major artists, their works, and ar-

tistic developments in European civilization. Emphasis is given to the cultural sites and artistic works encountered in the Vienna Study Program. This course is designed to take advantage of the sightseeing and travel opportunities afforded by the international studies experience.

### **INS 2123 Language and Culture**

This course teaches practical basics of the German language for use in everyday life situations in speaking, reading and writing, and gives necessary information to help students better understand Austrian culture in order to enhance the GEO Vienna experience.

### **INS 3113 Studies in European Civilization**

This course examines major political, economic, social, cultural, ideological, and religious developments in European civilization. Emphasis is given to the history, prominent figures, and cultural sites of the cities and regions students encounter on the Vienna Study Program. This course is designed to take advantage of the travel opportunities afforded by the GEO international study experience.

## **MAT**

### **Mathematics Courses**

#### **MAT 1003 Beginning Algebra**

The real number system, fundamentals of algebra, linear equations, graphs, functions, expo-

nents, polynomials, factoring, solving equations, and applications. This course does not count toward graduation. Required if Math ACT is 17 or below.

#### **MAT 1103 Intermediate Algebra**

Continuation of MAT 1003. Review of factoring and solving equations, systems of equations, rational expressions and equations, functions, radicals, complex numbers, quadratic equations and inequalities, introduction to exponential and logarithmic functions. PR: Minimum Math ACT of 18 or minimum grade of C- in MAT 1003.

#### **MAT 1203 Survey of Mathematics**

An overview of the essence of mathematics and its applications for the non-science, non-mathematics student. Emphasis will be placed on the development of critical thinking skills, reasoning abilities, and problem solving skills. Topics may include, but are not limited to, sets, algebra, geometry, consumer math, linear equations, systems of equations, formulas, and application problems. PR: ACT 18 or C- in MAT 1003.

#### **MAT 1312 Trigonometry**

Trigonometric functions of angles, right triangle trigonometry, Law of Sines, Law of Cosines, Trigonometric functions of real numbers, trigonometric graphs, trigonometric identities, inverse trigonometric functions, and applications. May include complex numbers, DeMoivre's Theorem, or vectors. PR: Math ACT of 25 or above, or grade of C or better in MAT 1103.

**MAT 1322 College Algebra**

Equations, inequalities, relations, functions, graphs of functions, composite functions, inverse functions, polynomial and rational functions, exponential and logarithmic function, systems of equations, Gaussian elimination, and partial fractions. May include conics, sequences, summation notation, geometric series, or mathematical induction. PR: Math ACT of 25 or above, or grade of C or better in MAT 1103.

**MAT 1334 Pre-Calculus**

Combines various topics of MAT 1312 and MAT 1322 into one course. PR: Math ACT of 25 or above, or minimum grade of C- in MAT 1103.

**MAT 2213 Math for Elementary Teachers I**

Number sense and numeration, whole number operations, fractions, decimals, computational algorithms, patterns, relations, functions, and informal algebra. Emphasizes content with references to NCTM standards, MDE benchmarks, and materials and strategies appropriate to teaching elementary school mathematics. Satisfies general education requirement for prospective students seeking elementary certification. PR: Grade C- or better in MAT 1003 or Math ACT of 18 or above. Course fee: \$40.

**MAT 2223 Math for Elementary Teachers II**

Properties of two- and three-dimensional geometric figures, similarity and congruence, common and

metric measurement, introductory statistics and probability. Emphasizes content with references to NCTM standards, MDE benchmarks, and materials and strategies appropriate to teaching elementary school mathematics. Satisfies general education requirement for prospective students seeking elementary certification. PR: Grade C- or better in MAT 1003 or Math ACT of 18 or above. Course fee: \$40.

**MAT 2233 Finite Mathematics**

Straight lines and linear functions, systems of linear equations and matrices, Gauss-Jordan elimination, linear programming and the simplex method, sets and counting, probability, mathematics of finance, difference equations, and graph theory. Course fee: \$50.

**MAT 2413 Elementary Statistics**

Descriptive statistics, introductory probability, probability distributions, binomial and normal distributions, estimation, hypothesis testing, linear regression and correlation, and applications. May include multinomial experiments, statistical process control, or nonparametric statistics. Prerequisites: Minimum Math ACT of 18 or minimum grade of C- in MAT 1003 or MAT 1203.

**MAT 2514 Calculus and Analytic Geometry I**

Limits and continuity, differentiation and applications, integration and area, calculus of transcendental functions, and an introduction to applications of integration. May include an introduction to differential equations. PR: Mini-



imum Math ACT of 27 and sufficient high school preparation or a minimum grade of C- in MAT 1334.

### **MAT 2524 Calculus and Analytic Geometry II**

Continues MAT 2514. Differential equations, applications of integration, techniques of integration, L'Hopital's rule, improper integrals, infinite series, conics, parametric equations, and polar coordinates. PR: Minimum grade of C- in MAT 2514.

### **MAT 3303 Modern Algebra**

Concepts of groups, rings, integral domains and fields, and abstract reasoning. PR: MAT 2524.

### **MAT 3333 Algebraic, Proportional, and Mathematical Reasoning**

Development of algebraic and proportional reasoning as well as an examination of reasoning and proof through logic, conjecture, argument, and formal proof. Also entails an examination of the relationships between the aforementioned concepts. Emphasis is placed on problem solving strategies and concept development. Prerequisites: MAT 2213 and 2223.

### **MAT 3343 Geometry for Elementary Teachers**

Examination of two and three-dimensional geometric objects using different representational systems, transformations and symmetry, and problem solving involving geometry. Includes technology and manipulatives for the geometry classroom. PR: MAT 2223.

### **MAT 3534 Calculus and Analytic Geometry III**

Continues MAT 2524. Vectors and the geometry of space, vector-valued functions, functions of several variables, and multiple integration. May include an introduction to vector analysis. PR: C- or better in MAT 2524. Course fee: \$50.

### **MAT 3614 Linear Algebra**

Systems of linear equations, matrices, determinants, vector spaces, inner product spaces, eigenvalues and eigenvectors, and linear transformations. May include linear programming. PR: Minimum grade of C- in MAT 2524. Recommended PR: MAT 3534.

### **MAT 3624 Differential Equations**

First-order and higher-order differential equations, series solutions, Laplace transforms, and mathematical models. May include systems of linear first-order differential equations and numerical methods. PR: Minimum grade of C- in MAT 2524.

### **MAT 4503 Methods and Assessment Strategies in Elementary Math Education**

An introduction to curriculum and standards, instructional and assessment practices, monitoring of effectiveness of teaching strategies, use of visual and physical materials for exploration and development of mathematical concepts, use of technology, research, groupings and cooperative learning in the classroom, planning and preparing lessons using strategies based on

current research and curriculum standards, and preparing for the MEAP test. A supervised sixty-hour field experience is required. Pre-requisite/Co-requisite: Completion of subject-area coursework, Senior standing. Co-requisite: EDU 4282. Course fee: \$75.

### **MAT 4603 Methods and Assessment Strategies in Secondary Math Education**

An introduction to curriculum and standards, instructional and assessment practices, monitoring of effectiveness of teaching strategies, use of visual and physical materials for exploration and development of mathematical concepts, use of technology, research, groupings and cooperative learning in the classroom, planning and preparing lessons using strategies based on current research and curriculum standards, and preparing for the MEAP test. A supervised sixty-hour field experience is required. Pre-requisite/Co-requisite: Completion of subject-area coursework, Senior standing. Co-requisite: EDU 4282. Course fee: \$75.

### **MAT 4653 College Geometry**

Euclidean, hyperbolic, spherical, finite, fractal, and taxi-cab geometries, including applications to real life situations, use of multiple geometry software programs, and some pedagogy for Secondary Mathematics Education students. PR: MAT 2524.

### **MAT 4952/4962 Senior Math Seminar**

The history of mathematics as well as issues involved in mathematics

education. This includes curriculum, standards, and the professional mathematics teaching community. Includes a look at the roles of both women and minorities in mathematics. This course concentrates on the development of a scientific paper in the field of mathematics.

## MED

### Media Courses

#### **MED 1101 Newspaper Journalism**

Credit for satisfactory work on the College newspaper. Students may serve on the newspaper staff every semester but credit is limited to three.

#### **MED 1201 Yearbook Journalism**

Credit for satisfactory work on the College yearbook. Students may serve on the yearbook staff every semester but credit is limited to three.

#### **MED 2013 Introduction to Mass Communication**

Survey of the history, types, and uses of mass communication.

#### **MED 2513 Media Writing**

Writing for news, features, public relations, advertising, and marketed materials. PR: ENG 1123.

#### **MED 2613 Introduction to Public Relations**

An overview of public relations theory, strategy and practical techniques as used by corporations, non-profit groups and other organizations. The course focuses

on ways to communicate and promote products, services, images and ideas to various publics.

### **MED 3003 Media and Society**

An in-depth exploration of the role and impact of media in society.

### **MED 3013 Media Theory**

Analysis and criticism of modern theories of media and mass communication.

### **MED 3323 Research Methods in Media**

Quantitative analysis of media and media audiences. PR: MED 3013 or COM 2513.

### **MED 3513 Public Relations Writing and Visual Design**

Writing for internal and external public relations, including media kits, newsletters, websites, advertising and direct mail. Includes basic principles of graphic design and instruction on page layout software. PR: MED 2513

### **MED 3633 Media Criticism**

Theory and practice in the analysis of various types of media, from various perspectives. PR: C- or better in COM 2513.

### **MED 4113 Media Law**

Survey of historical and current legal decisions that shape the role of the media and its function in society. Includes legal philosophies affecting the media and its employees. PR: MED 2013.

### **MED 4323 Public Relations Campaigns and Strategies**

Designed for the senior public relations major to analyze, develop

and implement a PR plan and portfolio for a real world client. Prerequisites: MED 2613, MED 3513.

### **MED 4613 Special Topics**

Various Communication topics chosen by students or instructor.

### **MED 4813 Senior Project in Media**

Guided research leading to a major paper in an area of the student's interest. Also requires a formal presentation at the Academic Symposium. PR: Senior status and permission of instructor.

### **MED 4893 Media Internship**

Supervised field experience in radio, television, or public relations, with application of theoretical knowledge. Includes outside reading and a written report. PR: Senior status and permission of instructor.

### **MED 4943 Media Ethics**

The major issues and perspectives involved in making ethical choices and/or evaluations in mediated messages. Requires a formal presentation at the Academic Symposium. PR: Junior or Senior status.

## **MGT**

### Management Courses

### **MGT 1001 Basic Skills in Leadership**

Provides an in-service for student organizational leaders (Student

Government in particular) for training in the elemental leadership components such as meeting management, goal setting, budgeting, event planning, proposal writing, time management, spiritual foundation, and discovering good leadership qualities. This course cannot be used to fulfill any requirements specific the management major.

### **MGT 2603 Principles of Management**

This course introduces the functions of the management discipline including the planning, organization, and control of an effective operation. Students investigate the role of management in various situations and the past, present, and future of fundamental management principles.

### **MGT 3603 Organizational Behavior**

Students investigate theories of human interaction within an organization and how it impacts planning, organizing, directing, and controlling the organization. The course provides an opportunity to better understand organizational behavior and communication used to plan, implement, and evaluate organizational processes. PR: MGT 2603.

### **MGT 3613 Human Resource Management**

This course is an overview of human resources management practices. The course covers organizational change and how human resources fit in the organization.

The course also covers human resource planning, information systems, quality and performance management, leadership, employee involvement, and international human resources management. PR: MGT 2603.

### **MGT 3623 Human Relations in the Workplace**

This course explores the issues of self-awareness, group dynamics, human interaction, free expression, optimal listening, and group participation barriers and how these impact the workplace. The course also addresses values and roles in workplace communication and decision-making. PR: MGT 2603.

### **MGT 3643 Labor Relations**

Students investigate the intricacies of managing in an organized labor environment. Topics discussed include: the history, methods, and roles of organized labor in the settlement of disputes. PR: MGT 2603.

### **MGT 3653 Leadership Theory**

Students study modern and historic leadership theories and their application to management situations. The course also introduces effective leadership and methods of overcoming leadership barriers. PR: MGT 2603.

### **MGT 3663 Training and Development**

In this course, the student will learn how to: 1. Identify training and development needs through needs assessments; 2. Analyze jobs and tasks to determine train-

ing and development objectives; 3. Create appropriate training objectives; 4. Design effective training and development programs using different techniques or methods; 5. Implement a variety of different training and development activities; and 6. Evaluate training and development programs. PR: MGT 2603.

### **MGT 3683 Small Business Management**

This course focuses on the basic principles of small business management. Key areas of focus will include: entrepreneurship, legal structure, start-up strategies, creating a business plan and operational issues. PR: MGT 2603.

### **MGT 3693 Current Topics in Management**

Current and emerging management topics not featured in other management courses but worth further exploration based on their potential impact.

### **MGT 3703 Management Information Systems**

This course focuses on informational challenges organizations face when engaged in the decision-making process. Key areas of focus include: analysis of information systems, communication theory, flow of information, and methods for gathering, disseminating, and controlling information. PR: MGT 2603.

### **MGT 3713 Operations Management**

This course investigates operational issues in the production of

goods and services with the objective of managing resources in the most effective and efficient manner. Topics include: forecasting, capacity planning, facility location and layout, materials requirement planning, scheduling, and statistical quality control methods. PR: MAT 2413, MGT 2603.

### **MGT 3723 Non-Profit Management**

Critical management issues in non-profit organizations are addressed in this course. Key topics include: start-up strategies, legal status, strategic planning, managing volunteers, budgeting, marketing and public relations, fundraising strategies, and performance measurement. Emphasis will be given to managing ministries and faith-based organizations.

### **MGT 4123 Financial Planning and Control Systems**

A qualitative analysis of organizational planning and control systems with emphasis on providing leadership in forecasting and budget development, processes, and administration among individuals and teams. This includes examination of the role of budgetary processes in conjunction with development of organizational vision and strategic planning initiatives to involve all employees of the organization. This course is for the CEL only.

### **MGT 4723 Leadership Seminar**

Students explore contemporary leadership theories and analyzes, develops, and implements leader-

ship and decision making strategies for “real world” situations. The course will focus on the characteristics of leadership, the manner in which communication impacts leadership effectiveness, and the implications of both effective and ineffective leadership for organizations. This course serves as a capstone course for the Organizational Leadership and Communication program for assessment purposes. CEL only.

## MIN

### Ministry Courses

#### **MIN 1411 Ministry Practicum**

Practical experience in ministry in a local church or other religious organizations or program. Opportunities for ministry experiences include: assisting in a youth ministry program, preaching, church education, assisting in a Christian service project, or participating in a short mission trip. A minimum of 3 hours of hands-on ministry activity per week is required for credit.

#### **MIN 2401/2402/2403 Missions Outreach Internship**

Extended congregational or mission work during spring break or a summer mission campaign. Credit proportional to length of campaign.

#### **MIN 2513 Theology of Ministry**

Through examination of the biblical narrative (with attention to

historical and contemporary texts) students will engage the question of the content and purpose of ministry, with special attention given to developing a theology of ministry in light of contemporary concerns such as gender roles, the place and function of worship, and the question of ministerial “offices,” and ethical issues that pertain directly to Christian ministers.

#### **MIN 2523 Theology and Practice of Social Justice**

An overview (and synthesis) of the biblical and historical foundations of social justice. Considers contemporary theologies of social justice as a Christian tradition, reflecting upon and practicing social justice in a contemporary setting. CEL only.

#### **MIN 3323 Introduction to Preaching**

Pulpit, classroom, and group methods of communicating the gospel. Sermon materials, preparation, and construction. PR: REL 2983.

#### **MIN 3333 Introduction to Youth Ministry**

Explores relationship-based youth and family ministry. Focuses on the youth minister’s role in youth programs, meeting youth needs, and strengthening the family.

#### **MIN 3353 Religion, Media, and Youth Culture**

Exploration of the media’s impact within youth and adolescent culture. Includes both negative and positive perspectives on the role

of Media (film, television, music, video games, Internet, etc.), the treatment of morality and meaning in media, and the importance of these issues for the life of the church.

#### **MIN 3363 Family Life Ministry**

A study of models for ministry to families in churches, with an emphasis on a systems approach to family ministry. Life cycle issues, church programming for families, and preventative planning will be studied.

#### **MIN 3423 Issues in Culture and Evangelism**

Explores the biblical, theological, and cultural rationale for evangelism, paying special attention to the questions of content and function of evangelism, and the way the Christian message impacts (and is impacted by) various contemporary cultures.

#### **MIN 3523 Practical Issues in Ministry**

Explores the practical activities of the congregational minister, with special attention to the wide variety of ministerial possibilities that might be pursued. Topics include administration and organization, teaching and education, ceremonial responsibilities (such as weddings and funerals), as well as matters of ministerial finance and legal obligations.

#### **MIN 3613 Counseling for Ministers**

Biblical, psychological, and practical guidelines for counseling in a church setting.

#### **MIN 3623 The Church and Society**

Explores the role of the church in society, theological centers that support evaluation of social institutions that call for Christian action, and the proper role of religion in public life.

#### **MIN 4533 Seminar in Ministry**

Covers various aspects of ministry, depending on the specialty of the instructor. Might include the history and theology of preaching, of youth ministry, worship, or congregational education. PR: MIN 2513.

#### **MIN 4873 Internship**

Apprenticeship in a religious organization: preaching, religious education, youth work, or personal evangelism. Requires a written activity report. Permission to enroll in MIN 4873 for academic credit is granted after consultation with the supervising professor and the completion of the internship work requirements. PR: Instructor permission.

## **MKT**

### **Marketing Courses**

#### **MKT 2503 Principles of Marketing**

This introductory course explores the fundamental aspects of marketing to individuals and organizations. The focus is marketing from a modern business context which discusses each as-

pect of the marketing mix (product, place, price, and promotion) based upon a market orientation perspective.

### **MKT 3513 Studies in Marketing**

Studies in Marketing will address the principles, concepts, and practices of marketing products and/or services in business and professional organizations. The course will explore the impact of the marketing mix: product, price, promotion, and distribution on the organizations performance; and addresses the impact of political-legal, economic, social-cultural, and technological environments on the marketing mix and organizational strategic goals. This course is for the CEL only.

### **MKT 3523 Retail Marketing**

This course addresses the distribution of products or services to end-consumers. Key concepts include: the retail environment; selecting store location; store design and characteristics; merchandising; and retail management. PR: MKT 2503.

### **MKT 3533 Consumer Behavior**

Students are introduced to the cultural, psychological, and behavioral factors that influence consumer motivation and values in the marketing process. Students will examine consumer decision-making processes and environmental influences on these processes as well as how to use this information to develop, implement and evaluate effective marketing strategies. PR: MKT 2503.

### **MKT 3543 Integrated Marketing Communications**

Students study communication channels available for distribution of organizational or product information. The focus is on obtaining synergy through the development, implementation, and control of a coordinated communication program, including all aspects of: advertising, public relations, sales promotion, and personal selling. PR: MKT 2503.

### **MKT 3553 Marketing Research**

This course introduces students to the marketing research processes from problem formulation to the interpretation of the data. Highlights of the course include: primary and secondary data collection methods; questionnaire design; sampling plans; and the analysis and interpretation of data. PR: MAT 2413, MKT 2503.

### **MKT 3563 Professional Selling**

Selling concepts, tools, strategies and tactics are discussed as they apply to both external and internal customers. Students learn and experience some of the problems faced and rewards earned by those in professional sales. Customer relationship management/partnering with customers and truly seeking to meet their requirements are discussed as key to long-term success. PR: MKT 2503.

### **MKT 3573 Service Marketing**

This course analyzes how services marketing differs from goods marketing and how services marketers can effectively manage the



elements of service delivery to enhance service quality and customer satisfaction. Topics include the distinct elements of services marketing, service quality determination, understanding customer expectations, designing service standards to meet customer expectations, managing contact personnel's delivery to service standards, and matching service communications with service delivery. PR: MKT 2503.

### **MKT 3583 Business-to-Business Marketing**

Given the fact that the vast majority of marketing careers are in the business-to-business marketing field, this course explores the marketing process in the sale of goods and services to the organizational consumer. Key elements include: the complexities of buying groups; the use of direct marketing and personal selling; and developing client relationships. PR: MKT 2503.

### **MKT 3593 Current Topics in Marketing**

This course is designed to study current and emerging marketing topics not featured in other courses but that are worth further exploration based on their potential impact. PR: MKT 2503.

### **MKT 4513 Marketing Management**

Students engage in a study of the management of the marketing effort including: data analysis; the establishment of marketing objectives; the identification of target

markets; and the development, execution, and implementation of marketing mixes. This class serves as the capstone course of the marketing program for assessment purposes. PR: MKT 2503 and senior status.

## MUS

### Music Courses

*\*All private lessons have fees of \$400 per credit hour.*

#### **MUS 1011 Private Voice\***

Private vocal instruction. One hour of credit yields 12 fifty-minute lessons. Numbering accounts for study level: e.g. MUS 2011, 3011, 4011. PR: Instructor permission.

#### **MUS 1031 Private Piano\***

One hour of credit yields 12 fifty-minute lessons. Numbering accounts for the level of study: e.g. MUS 2031, 3031, 4031. PR: Instructor permission.

#### **MUS 1041 Class Piano**

Basic piano instruction taught in a group setting. For beginning piano students and non-majors.

#### **MUS 1051 Private Guitar\***

One hour of credit yields 12 fifty-minute lessons. Numbering accounts for study level: e.g. MUS 2051, 3051, 4051. PR: Instructor permission.

#### **MUS 1061 Private Strings\***

Private instruction on orchestral strings. One hour of credit yields 12 fifty-minute lessons. Number-

ing accounts for study level: e.g. MUS 2061, 3061, 4061. PR: Instructor permission.

#### **MUS 1071 Private Woodwinds\***

Private instruction on woodwind instruments. One hour of credit yields 12 fifty-minute lessons. Numbering accounts for study level: MUS 2071, 3071, 4071. PR: Instructor permission.

#### **MUS 1081 Private Brass\***

Private instruction on brass instruments. One hour of credit yields 12 fifty-minute lessons. Numbering accounts for study level: MUS 2081, 3081, 4081. PR: Instructor permission.

#### **MUS 1101 A Cappella Chorus**

Choral ensemble performs from diverse repertoire that includes extended choral works, smaller works from classical and popular choral literature, and hymns, patriotic, and multi-cultural music. Daily rehearsal and extended touring required. PR: Membership by audition only. Course fee: \$100 per year.

#### **MUS 1121 Autumn**

Contemporary a cappella choral ensemble. Repertoire typically includes contemporary religious music, vocal jazz styles, arrangements of spirituals, popular song adaptations, and hymn arrangements. By audition only. PR: Permission of director.

#### **MUS 1151 Opera Theatre Workshop**

Study and preparation of opera scenes for public performance. All aspects of performance production

including makeup, set construction, lighting, role preparation, and acting. PR: Instructor permission.

#### **MUS 1161 Community Choral Ensemble**

Choral experience for non-music majors who are interested in singing but are not able to meet A Cappella Chorus membership requirements. Students may arrange for membership in a suitable off campus, community-based choral ensemble and receive one credit each semester. Subject to music department approval.

#### **MUS 1171 Concert Band**

Traditional band ensemble with percussion that performs a wide variety of concert music. Membership by audition only. PR: Permission of director.

#### **MUS 1181 String Ensemble**

Flexible small ensemble experience for string players. Membership by audition only. PR: Permission of director.

#### **MUS 1191 Chamber Ensemble**

Flexible small ensemble experience for Concert Band members and guitarists. PR: Permission of director.

#### **MUS 1202 Basic Musicianship**

Music reading and sight-singing fundamentals: Notation recognition and elementary aural skills. For non-music majors and music majors who require remediation based on entrance examination.

#### **MUS 1211 Ear Training I**

Entry level study of aural skills; In-

terval recognition, sight-singing, and melodic dictation. Corequisite: MUS 1213.

### **MUS 1213 Theory I**

Entry-level study of theory emphasizes written skills related to rudiments of music, including scales, keys, intervals, and rhythm. Corequisite: MUS 1211.

### **MUS 1221 Ear Training II**

Continues MUS 1211. Triads and seventh chords, sight-singing in ensemble, and advanced melodic dictation. PR: MUS 1211. Corequisite MUS 1223.

### **MUS 1223 Theory II**

Continues MUS 1213. Part-writing and chord progression. PR: MUS 1213. Corequisite: MUS 1221.

### **MUS 2211 Ear Training III**

Advanced study of aural skills. Includes harmonic dictation with more extended harmonies. PR: MUS 1221. Corequisite: MUS 2213.

### **MUS 2213 Theory III**

Advanced theory, including modulation and extended chords. PR: MUS 1223. Corequisite: MUS 2211.

### **MUS 2221 Ear Training IV**

Advanced aural skills, including atonality. PR: MUS 2211. Corequisite: MUS 2223.

### **MUS 2223 Theory IV**

Continuation of MUS 2213. Complex modulation techniques, advanced chromaticism, and 20th century techniques. PR: MUS

2213. Corequisite: MUS 2221.

### **MUS 2303 Music Appreciation**

Elements, forms, styles, and history of western music and an emphasis on developing good listening skills.

### **MUS 2403 Introduction to Music Education**

Observation and study of elementary and secondary school music teachers. Course fee: \$50.

### **MUS 2603 Foreign Language Diction**

Latin, Italian, German, French, Spanish, Russian and Hebrew diction and their application to choral and song literature. Emphasizes use of the International Phonetic Alphabet.

### **MUS 3202 Keyboard Harmony**

Improvisation of simple accompaniment using keyboard instruments. Includes interpretation of implied harmonies. Grade of B or higher satisfies the keyboard skills examination required for graduation. PR: MUS 2223 and four semesters of piano recommended, or instructor permission.

### **MUS 3213 Form and Analysis**

Structures and forms commonly used by composers of art music; phrase structure and large forms including the fugue and symphonic forms. PR: MUS 1223.

### **MUS 3313 History of Western Music I**

Development of Western art music from Greek and Hebrew origins through the early Baroque

era. Supervised listening lab. PR: MUS 1223.

### **MUS 3323 History of Western Music II**

Offers a survey of music from the late Baroque, Classical, Romantic, and Modern eras. PR: MUS 1223.

### **MUS 3333 World Music**

An overview of modern and historical music of the world including its influence on culture and its effects on our modern world. Emphasis on introducing the world of ethnomusicology to the student.

### **MUS 3343 Music in America**

A survey of the history of music in the United States including Native American music. European influences, and modern jazz and popular music.

### **MUS 3403 Conducting**

Basic conducting and rehearsal techniques for directing instrumental and vocal ensembles.

### **MUS 3423 Production of the School Musical**

Understanding the logistics and process of producing musicals in schools. Includes practicum in a local school working on a current production.

### **MUS 3603 Technology in Music**

Setup, design, and operation of computer music laboratory, including hardware and software appropriate to music production and education applications.

### **MUS 4203 Counterpoint**

Contrapuntal voice leading from

the 16th through the 18th centuries with focus on analysis and model composition. PR: MUS 1223.

### **MUS 4213 Arranging and Scoring**

Practical techniques of arranging vocal and instrumental music for performance by individuals and ensembles of a variety of age ranges and educational levels. Emphasis on music education applications and popular software packages.

### **MUS 4403 Vocal Pedagogy**

Scientific and imagery-related techniques for teaching vocal production. Includes history of voice teaching.

### **MUS 4411 Instrumental Techniques I (Woodwinds)**

Playing techniques for woodwind instruments found in school settings.

### **MUS 4421 Instrumental Techniques II (Strings)**

Playing techniques for string instruments found in school settings.

### **MUS 4423 Elementary Music Methods and Assessment**

Study of methods and materials for use in the elementary music classroom, with special attention to assessment of students. Includes a 60-hour placement in a local elementary or middle school. Course fee: \$75.

### **MUS 4431 Instrumental Techniques III (Brass)**

Playing techniques for brass instruments found in school settings.

**MUS 4433 Secondary Music Methods and Assessment**

Study of methods and materials for use in the secondary choral or instrumental program, with special attention to assessment of students. Includes a 60-hour placement in a local middle or high school. Course fee: \$75.

**MUS 4441 Instrumental Techniques IV (Percussion)**

Playing techniques for percussion instruments in school settings.

**MUS 4601 Senior Seminar in Music**

Capstone course for all music majors. Includes preparation for post graduation life and music program assessment. PR: Senior status.

**MUS 4623 Senior Recital**

Preparation and performance of an hour long recital. Required of all performance majors. PR: Senior status.

**NSC****Natural Science Courses****NSC 1002 Earth Science**

Geology and meteorology, earth's composition, atmosphere, internal and external processes, and plate tectonics.

**NSC 1003/1004 Earth Science (1004 with Lab)**

Topics covered include: Earth's composition, internal and external

processes, plate tectonics, map reading and interpretation, geologic structures, history of astronomy, the solar system, classification and formation of stars and galaxies, and cosmology. Includes a lab component. \$40 Lab fee.

**NSC 1012 Environmental Science**

Current environmental issues that contribute to understanding humanity's responsibility for the earth's resources. Includes the study of acid rain, greenhouse effect, and toxic waste.

**NSC 1013 Environmental Science**

CEL only.

**NSC 2204 Natural Science Field Study**

Various geological, environmental, conservation, and climate topics are explored in a field study experience. Specific topics covered will depend on the locations visited. Counts as a lab course. Travel fee variable.

**NSC 2314 Science Foundations I**

Chemistry and Life Science. Designed for elementary teachers. Atoms, molecules, and matter; plants, animal life, genetics, the food cycle, changes in digestion, and ecosystems. 3 hrs. lecture and 3 hrs. lab, weekly. PR: MAT 1003. \$40 Lab fee.

**NSC 2324 Science Foundations II**

Astronomy, Earth Science, and Physics. Basic science concepts primarily for pre-service elementary teachers. Solar system, earth's structure, and the laws and forces which govern earth and the uni-

verse as a whole. 3 hrs. lecture and 3 hrs. lab, weekly. PR: MAT 1003. \$40 Lab fee.

### **NSC 3114 Earth's Waters**

Range of human understanding and interaction with water from seas, streams, lakes, groundwater, glaciers, precipitation, and the atmosphere. Emphasizes man's impact on water as a resource. Includes laboratory component. \$40 Lab fee. PR: BIO 1014 and CHE 1524.

### **NSC 4503 Methods and Assessment Strategies in Integrated Science Education**

Capstone course in the integrated science education major. Models research-based methods and assessment strategies for effectively teaching integrated science in elementary grades K-5, and biology, chemistry, physics, and earth/space science in middle school. Incorporation of national and state standards and curriculum, with a special emphasis on the Michigan Curriculum Framework. A supervised sixty-hour field experience is required. Prerequisite/Co-requisite: Completion of subject-area coursework. Co-requisite: EDU 4282. Course fee: \$75.

### **NSC 4612 Senior Seminar**

Conduction of a scientific research project in consultation with a science-faculty advisor. Includes design, data collection, identifying and manipulating variables, organization and analysis of data, evaluation, and communication. Required for graduation. Taken in the final six hours of the program.

### **NSC 4901/4902/4903/4904**

#### **Topics in Science**

Presentation of paper or project. Four credits maximum. PR: Instructor permission.

## **PED**

### **Physical Education Courses**

*Activity Courses satisfy the PED general education requirement.*

#### **PED 1011 Individual Sports**

Badminton, pickleball, swimming, rock climbing, bowling, and others. Course fee: \$80. Note: Any courses meeting at Lifetime Fitness require a Lifetime Fitness membership.

#### **PED 1021 Team Sports**

Teamwork, communication, and principles of successful team-building. Includes floor hockey, flag football, volleyball, basketball, soccer, towel ball, speed ball, and team mat ball.

#### **PED 1032 Stress Management**

This course is designed to provide the student with the understanding of concepts of managing stress in their lives. Students will be educated on the importance of managing stress, how to identify their stressors and will engage in practical ways to deal with stress. As part of a total wellness program the techniques of reducing stress and methods used to implement these techniques will be helpful

to the student in more effectively managing stresses associated with college and life.

#### **PED 1071 Conditioning**

Basics of diet, stress management, cardiovascular exercise and weight training.

#### **PED 2002 First Aid**

American Red Cross Standard and Advanced First Aid Procedures. Includes National Safety Council exam.

#### **PED 2003 Personal and Community Health and Safety**

Personal and community health and safety.

#### **PED 2012 Officiating**

Officiating methods and principles: Officiating objectives, conduct, conflict management, and psychology. Examines officiating techniques for baseball, basketball, football, soccer, softball, and volleyball. Some practical experience through intramural and intercollegiate programs. Health Courses are required by some programs and count as elective credits but do not apply toward the general education requirement.

#### **Varsity Sports**

Rochester College offers men and women several options for intercollegiate athletic competition. Varsity sports taken for academic credit satisfy general education requirements.

#### **PED 2221 Varsity Baseball**

Intercollegiate competition for men.

#### **PED 2231 Varsity Basketball**

Intercollegiate competition for men.

#### **PED 2271 Varsity Soccer**

Intercollegiate competition for men.

#### **PED 2421 Varsity Softball**

Intercollegiate competition for women.

#### **PED 2431 Varsity Basketball**

Intercollegiate competition for women.

#### **PED 2461 Varsity Volleyball**

Intercollegiate competition for women.

#### **PED 2471 Varsity Soccer**

Intercollegiate competition for women.

#### **PED 2541 Varsity Cross-Country**

Intercollegiate competition for men and women.

#### **PED 2641 Varsity Track**

Intercollegiate competition for men and women.

#### **PED 2741 Varsity Golf**

Intercollegiate competition for men and women.

## PHI

### Philosophy Courses

#### **PHI 2013 Introduction to Philosophy**

Students will be introduced to philosophers and philosophical ideas,

and will explore the value and contribution of philosophy. The class will also have an interdisciplinary flavor which will explore the ways that philosophy relates to and undergirds other disciplines including religious studies, social studies, political and economic theory, and science.

### **PHI 2933 Introduction to Ethics**

Introduces students to the basic categories and ideas in the field of ethics; develops a greater knowledge of the biblical and historical materials that inform moral discussion; develops skills with moral arguments found in contemporary (and historical) discussions of ethical concerns. PR: Sophomore status.

### **PHI 3003 Worldviews and Culture**

An introduction to cultural theory and different worldviews. Emphasis given to the way worldviews shape and are shaped by experiences and perspectives.

### **PHI 3013 Human Nature**

Truly an interdisciplinary class. Professors from different fields (such as philosophy, psychology, political theory, and theology) will share the teaching load to consider the topic of human nature and destiny from the perspectives of their different fields.

### **PHI 3023 Philosophy of Religion**

A selection of philosophical explorations related to religion and religious faith, such as the relationships between faith and reason, between religion and science, between good and evil, and between different religions.

### **PHI 3033 Free Will and Determinism**

Truly an interdisciplinary class. Professors from different fields (such as philosophy, psychology, political theory, and theology) will share the teaching load to consider, from their respective fields, the topics of human choice and responsibility, justice and punishment, and predestination.

### **PHI 3043 Diversity Seminar**

A seminar offered each Spring semester on a selected topic relating to issues of diversity such as race relations, non-Western studies, and multicultural dialog. This course will typically be team taught and will provide opportunities to study, experience, and practice diversity.

### **PHI 3923 World Religions**

A discussion of major world religions, beginning with "Basic" Religions and covering Judaism, Islam, Hinduism, Sikhism, Jainism, Buddhism, and Chinese Religions. Places Christianity in the global religious context, and discusses fruitful perspectives for understanding different religious systems. Course fee: \$80.

### **PHI 3933 Philosophy Seminar**

A seminar offered every Fall semester, with a rotating series of topics from the field of philosophy (such as Plato, Aristotle, Modern Philosophy, Existentialism, African Philosophy). The seminar format will include primary readings, reflective and research oriented writing assignments, and seminar-type class discussions. The course



is intended to offer upper division exposure to advanced topics in philosophy, as well as an opportunity for students to nurture heightened levels of critical thinking skills, philosophical discernment, and writing ability.

**PHI 4813 Senior Project in Interdisciplinary Studies**

A seminar offered each Spring semester on a selected topic relating to issues of diversity such as race relations, non-Western studies, and multicultural dialog. This course will typically be team taught and will provide opportunities to study, experience, and practice diversity.

**PHS**  
Physics Courses

**PHS 2013 General Physics I**

Fundamentals of mechanics, thermodynamics, and sound. Corequisite: MAT 1334 and PHS 2211.

**PHS 2023 General Physics II**

Magnetism, electricity, optics, light, and atomic physics. PR: PHS 2013. Corequisite: PHS 2221.

**PHS 2211 Physics Lab I**

Experiments with motion, mechanics, energy, thermodynamics, momentum, waves, and sound. Corequisite: PHS 2013 or PHS 2514. \$40 Lab fee.

**PHS 2221 Physics Lab II**

Experiments with circuits, electricity, optics, Bohr Theory, and

magnetism. Corequisite: PHS 2023 or PHS 2524. \$40 Lab fee.

**PHS 2514 Engineering Physics I**

Classical mechanics and thermodynamics for science, mathematics, physics, or engineering majors. PR: MAT 2515, and prior or concurrent enrollment in PHS 2211.

**PHS 2524 Engineering Physics II**

Continuation of PHS 2514. Topics include electricity, light, and magnetism. PR: Grade of C or better in PHS 2514, and prior or concurrent enrollment in PHS 2221.

**PHS 3004 Astronomy**

History of astronomy, the solar system, classification and formation of stars, galaxies, and cosmology. Includes laboratory and observational investigations. PR: MAT 1103. \$40 Lab fee.

**PHS 3513 Modern Physics**

Relativity, kinetic theory, quantization, atomic physics, molecules, solids, nuclei, and elementary particles. Prerequisites: PHS 2023 or 2524.

**POS**  
Political Science  
Courses

**POS 2013 National Government**

An introduction to the political dynamics and Capital constitutional bases of the American Government. The three branches are examined as they act in concert

and in conflict. Several models of decision-making are covered.

**POS 2023 Introduction to the American Legal System**

State and federal courts; the Constitution, statutes, and administrative rules as sources of law; jurisdiction and avenues of appeal in both civil and criminal cases. Students read and brief current and landmark cases.

**POS 2043 Criminal Law and Procedure**

Major constitutional issues in criminal law and how individual rights are protected in the system. Discusses complex legal issues in the administration of criminal justice in the United States and critical analysis of demands on modern criminal justice agencies and practitioners.

**POS 3013 The U.S. in the Modern World**

An interdisciplinary, team taught course integrating four social studies components: history, geography, economics, and political science through lecture, discussion, directed research and oral presentations by teacher candidates. Topics covered will include world changes as a result of WWII and the end of the Cold War, the role and impact of the U.S. on world trade and the new global economy, goals and problems of the United Nations, and the struggle for civil rights of women and blacks in the U.S. Emphasis is on the ability to engage in library and internet research and to communicate integrated lessons employing audio/visual and computer technology. This upper divi-

sion course is built upon key features of K-12 methodology.

**POS 4013 American Constitutional Law**

Constitutional basis and dynamics of the Supreme Court's law-making power. Students read and brief landmark cases. A research paper outlines major constitutional cases regarding abortion, civil rights, or presidential powers.

**POS 4213 Substantive Criminal Law**

Roots of society's relation to the law and historical and philosophical concepts. Details statutory and case law.

**POS 4913 Directed Legal Research**

Students will research important legal issues, and, under the direction of the professor, will prepare legal briefs and documents. Topics will be custom-made for each student taking the course. Students will present an oral and written report of his or her work at the annual Academic Symposium. PR: Senior status and permission of instructor.

**PSY**

Psychology Courses

**PSY 1001 Writing in APA Style**

Writing and revising academic and research papers using the American Psychological Association (APA) Style. Includes style, structure, organization, references, citations, and grammar. CEL only.

**PSY 1012 Life Learning Skills**

Self-concept, relationships, personal ethics, and planning for success.

**PSY 1403 Preparation for Statistics**

Introduction to basic statistical concepts, sample data, frequency distributions, probability, central tendency, variability, and hypothesis testing. CEL only.

**PSY 2013 General Psychology**

Human behavior, personality, motivation, emotion, intelligence, personal adjustment, and the social and physiological bases of behavior.

**PSY 2113 Psychology of Adjustment**

Psychological approaches to everyday problems, coping skills, anxiety, personal growth and health, and interactions of individuals within personal and social environments.

**PSY 2223 Life Span Development**

Major theoretical foundations of the development of human beings across ages and cultures over the course of the life span. Emphasis on the integration of physical, cognitive, affective, social, as well as moral and spiritual development. Utilization of developmental research to address the scope of issues during the course of life.

**PSY 3013 Psychology of Personality**

Personality theories and the understanding of human development, psychopathology, and behavior. PR: PSY 2013.

**PSY 3033 Abnormal Psychology**

Theories related to the development of various mental and personality disorders, including the function of abnormal behavior. Introduction to diagnostics, using the Diagnostic and Statistical Manual (DSM-IV), methods of investigation, and psychotherapy. PR: PSY 2013.

**PSY 3043 Brain and Behavior**

Biology of behavior and mental processes. Behavioral effects of neuroanatomical structures and neurochemical processes. Structure, chemistry, and function of the brain. PR: PSY 2013.

**PSY 3053 Health Psychology**

Behavioral and psychological processes and their influence on human health, wellness, and health care. Introduction to behavioral medicine, psychoneuroimmunology, and the psychological literature on cardiovascular disorders, somatoform disorders, and other medical conditions. PR: PSY 2013.

**PSY 3093 History and Systems of Psychology**

Historical, philosophical, and scientific roots of psychology and the contemporary models of sociology, psychology, and counseling training. Emphasizes important contributions of major leaders and schools of psychology, and on current issues in the field of psychology. PR: PSY 2013.

**PSY 3123 Social Psychology**

Individual psychology in a group setting; social thinking, influence,

and relations studied through a review of current research and experimentation. PR: PSY 2013.

### **PSY 3143 Psychology of Religion**

Religion in classical psychological theories, psychological views on religious experience, and recent research and theory in the field of psychology and religion. Emphasizes integration of biblical and theological studies on psychology and psychopathology.

### **PSY 3193 Infant and Toddler Development**

Human development from prenatal growth through the toddler years. Major theories and research related to physical, cognitive, and socio-emotional development and the implications of those theories for parenting behavior and environmental planning. CEL only.

### **PSY 3203 Child Development**

Interactive theories of change involved in growth from birth to puberty. Considers physiological, intellectual, psychological, and social change as it is affected by the child's parents, family, school, and general social environment. PR: PSY 2013.

### **PSY 3213 Adolescent Development**

Interactive theories of change involved in the growth of the person from puberty to young adulthood. Physiological, intellectual, and social change as affected by involvement in family, school, community, church, and peers. PR: PSY 2013.

### **PSY 3223 Psychology of Adulthood and Aging**

Sources of psychological growth and crises in adulthood and aging. Changes in intellectual functioning, attitudes toward aging, experience in the family, retirement, needs of the elderly, and death. PR: PSY 2013.

### **PSY 3303 Statistics for Behavioral Sciences**

Quantification and statistics. Descriptive and inferential statistics, including measures of central tendency, variability, basic hypothesis testing, analysis of variance, correlation, and regression. Application of statistical concepts to research. PR: Minimum grade of C- in MAT 1103. CEL prerequisite only: PSY 1403.

### **PSY 3313 Introduction to Psychological Assessment**

An introduction to the field of psychological testing and assessment. Emphasis on test theory, construction, standardization and review of assessment procedures; surveys current assessment instruments for measurements of personality, intelligence, neuropsychological functioning, achievement, vocational interest, special abilities and aptitudes. Prerequisites: PSY 3013 or 3093. Course fee: \$50.

### **PSY 3323 Research Methods in the Social Sciences**

Application of proper research methods to specific problems related to the social sciences, including problem identification, develop-

ment of research instruments, sample construction, variable control, application of statistical analyses, and publication of research results. PR: PSY 2013 and C or better in PSY 3303. Course fee: \$40.

### **PSY 3403 Introduction to Psychotherapy and Counseling**

A focus on the major theoretical foundations and current approaches in psychotherapy and counseling. Emphasis on the development of listening, communication, and empathetic skills necessary in the formation and maintenance of the counselor-counselee relationship. Analysis of dynamics in the counselor-counselee relationship, interviewing techniques, crisis counseling, suicide analysis, referrals, cross-cultural issues, and ethical problems in dealing with clients. PR: PSY 3013 or 3093.

### **PSY 3413 Substance Abuse and Addictive Behaviors**

Major theoretical foundations and current understandings of physiological mechanisms involved in the development and maintenance of substance abuse problems. Emphasis on exploring the differences in various drugs in use and their effects on individual functioning. Addresses issues of assessment, treatment interventions, the varied clientele affected by substance abuse problems as well as legal and ethical issues. PR: PSY 3403.

### **PSY 3423 Diversity and Cross-Cultural Psychology**

A focus on the various aspects of psychology from a cross-cultural perspective. The nature of living in

a pluralistic and multicultural society are addressed with an emphasis on issues of multicultural trends and characteristics of diverse groups. The student will examine cultural awareness and sensitivity in counseling and psychotherapy, gender issues, religious variables, and individuals with special needs. PR: PSY 3403.

### **PSY 3433 Industrial/Organizational Psychology**

Introductory course in the psychology of work and organizations. Introduction to the use and application of psychology in the workplace. Industrial/Organizational psychologists utilize skills in job analysis to determine required worker characteristics, design of training and development activities to enhance worker performance, understanding stress and well-being at work, facilitating work environments that increase work motivation, job satisfaction, and job involvement, analyze organizational processes and organization development, and develop leadership skills. PR: PSY 2013.

### **PSY 3503 Cognitive Psychology**

Psychological and biological processes in human thought, information processing, and decision-making; study of mind-brain interaction; role of computer science, philosophy, and linguistics in the study of cognition. PR: PSY 3323.

### **PSY 3514 Learning and Memory**

Memory, attention, conditioning, and conceptual acquisition. Includes laboratory. PR: PSY 3323.

**PSY 3524 Sensation and Perception**

Physical stimulation and behavior, thought, and experience; Physiology of sensory receptors of all modalities. Also, perceptual processes and characteristics of the visual system. PR: PSY 3323.

**PSY 4403 Introduction to Career Development and Guidance**

Examines the theoretical foundations and meanings of work in contemporary society, how people select and adapt to work, and the research methods and counseling techniques utilized in the process of making suitable career choices. Students will become involved in career planning, interviewing, and resume writing as a workshop experience in career development. PR: PSY 3403. CEL only. Course fee: \$50.

**PSY 4413 Introduction to Marital and Family Systems**

Addresses the major theoretical foundations in marital and family systems, emphasizing the dynamics and development of marital and family relationships, behavior, conflicts, and relational resolutions. Explores principles of intervention as they relate to family systems theory and principles, multicultural differences, intergenerational and multigenerational issues, family processes, techniques, and professional issues. PR: PSY 3403.

**PSY 4423 Psychology of Group Processes**

A focus on the major theoretical

foundations of group processes, including the psychological functions of group experience and behavior. The dynamics of group interactions including the concepts of boundaries, decision-making, and interaction. Explores the counselor's role in group interventions with specific counseling populations, including cross-cultural and ethical issues. Students participate in, and conduct group activities. PR: PSY 3403.

**PSY 4493 Field Practicum**

Requires three hundred hours of counseling agency experience. Student must compile a portfolio containing a journal of daily work experiences, description of the agency (including its services and the training it provides), journal article and critical book reviews reflecting 1,000 pages of reading on a topic approved by the advisor, an original paper on the student's readings and practicum experience, and an evaluation of the practicum experience by the advisor and the student. PR: Junior standing and completion of 20 hours of major core.

**PSY 4893 Psychology Seminar**

Psychology major capstone course includes readings, discussions, written and oral reports on advanced topics, and related psychology issues. Topics rotate each semester and include health psychology, neuropsychology, child psychopathology, and others. A major research project and final research paper are required. PR: Senior status or instructor permission.

**PSY 4911/4912/4913 Directed Research**

Students conduct research study under instructor supervision. Literature reviews, data collection, statistical analysis and interpretation, and assistance in research report writing may be included. PR: Instructor permission.

**PSY 4921/4922/4923 Directed Readings in Psychology**

Students read original source material in psychology under instructor supervision. Annotated bibliographies, content summaries, and literature review papers will be required. PR: Instructor permission.

**PSY 4942 Ethics in Behavioral Science**

Reviews ethical standards such as patient rights, confidentiality, and duty to report in the context of professional human services organizations governed by State of Michigan laws. Contrasts philosophies of biblical imperative and humanistic practice. PR: PHI 2933.

**PSY 4943 Ethics in Behavioral Science**

CEL only.

**RDG****Reading Courses****RDG 3313 Children's Literature**

History of children's literature, assessment of children's needs; effective selection and use of children's literature. PR: ENG 1123.

**RDG 3324 Foundations of Language Arts**

Applies sociolinguistic theory to language arts education. Integrates the expressive and receptive literacy processes of listening, speaking, reading, writing, viewing, and visually representing as complimentary literacy processes. Creating meaningful, student-centered learning environments. Emphasizes literature-based language arts instruction. PR: Admission to the Teacher Education Program.

**RDG 3333 Writing Workshop**

Based on the model proposed by the National Writing Project. Provides opportunities for future teachers of writing to be writers themselves. Exploration of the writing process in a workshop setting. Emphasis on the development of performance assessment criteria in order to respond effectively and constructively to students' written efforts. PR: ENG 1123.

**RDG 3413 Adolescent Literature**

Short novels and stories by contemporary writers of literature for young people. Adolescent themes such as violence in society, search for identity, family life, and peer pressure. PR: ENG 1123.

**RDG 4303 Reading Foundations**

Informs preservice teachers of the principles and processes of reading to develop literacy instruction. Presents a variety of developmentally appropriate instructional and evaluative approaches. Emphasis on student-centered instruction. PR: Admission to the Teacher Education Program.

**RDG 4314 Content Reading and Assessment**

Study of the principles, techniques, and processes of literacy instruction needed for elementary/middle school students to be independent, strategic learners in the content areas. Application of principles and practices and implementation of formative assessment during the tutorial clinic portion of this course. PR: Grade of C or better in RDG 4303.

**RDG 4403 Literacy in Secondary Schools**

Informs preservice teachers of principles and processes of reading that supports student learning in grade 7-12 content areas. Presents various instructional and evaluative approaches, respecting the diversity and individuality of each student. PR: Admission to the Teacher Education Program.

**RDG 4503 Methods and Assessment Strategies in Language Arts Education**

Capstone course in the language arts education major. Application of linguistic theory to language arts education. Models a variety of research-based assessment strategies and methods for effectively teaching elementary and middle school language arts students. Teacher candidates research, design, and implement lessons that meet the state and national standards and gain practical tools to assess student growth. A supervised sixty-hour field experience is required. Corequisite: EDU 4282. Course fee: \$75.

**REL****Religion Courses****REL 1003 Introduction to Christian Faith**

A survey of the central narrative and primary themes of the Christian faith, with a brief discussion of the historical developments and schools of thought that have shaped the belief and practice of the Christian tradition.

**REL 1013 Survey of Biblical Literature**

A survey of the Old and New Testaments, with special emphasis given to the historical occasion, literary genre and religious themes of each book.

**REL 2013 Spiritual Formation**

A theological and practical introduction to spiritual development through the study of scripture and other works in spiritual formation and through experience in practicing the traditional Christian disciplines.

**REL 2983 Biblical Interpretation**

Combines textual, historical, and linguistic knowledge and skills with sound hermeneutical principles to develop a proficiency for logical interpretation of the scriptures.

**REL 3613 Special Topics in Religion**

Various topics in the field of religion, as chosen by the instructor.



**REL 3703 Survey of Church History**

History of Christianity from its beginnings through the Reformation, and to the present day. Focuses on the development of various doctrines, including Scripture, authority, Trinity, Church, and salvation.

**REL 3893 Special Topics in Historical Theology**

Examination of a specialized topic in the field of Historical Theology. Topics will include the American Restoration Movement, religious life in the United States, Evangelicalism, the formation of the Bible, and other specializations.

**REL 4811 Senior Seminar in Religion**

Required capstone course for Religion majors. An opportunity to discuss among peers and faculty, and to revise, under faculty supervision, previously submitted work from Fall upper-division religion courses. Participation in the seminar culminates in student presentations of papers. Prerequisites: any 3000 or 4000 level BIB, MIN, or REL course offered in the previous fall semester.

**REL 4963 Systematic Christian Doctrine**

Examines those Christian convictions that display the substance of the Christian life and teachings, reflecting on formative biblical texts, the movement of Christian doctrine through history, and the manifestation of Christian doctrinal convictions in worship and Christian living. PR: Senior status.

**RHE****Rhetoric Courses****RHE 3333 Rhetorical Criticism**

History and methods of rhetorical criticism. Theories and models in critical application to instances of contemporary and historical discourse. PR: C- or better in COM 2513.

**RHE 4613 Special Topics**

Various communication topics chosen by students or instructor.

**SEM****Seminar Courses****SEM 2011 Seminar in Accelerated Learning**

Acquaints students with the demands of an accelerated program. Focuses on approaches to successful college-level work in an accelerated program, with an emphasis on organization, planning, and familiarizing student to available resources. Applies these concepts to the writing process. CEL only.

# SMG

## Sports Management Courses

### **SMG 2223 Principles and Practices of Sports Administration**

The concepts of sports administration and the four tracks of sports administration: commercial, professional, intercollegiate, and interscholastic are introduced. Students also examine administrative positions and the organizational structures of firms in the sporting industry.

### **SMG 2263 Managing Sports Organizations**

This course emphasizes the application of management principles and concepts to the ever changing needs of the sport industry and the roles and responsibilities of the sport manager. Focus will be on: information technology and the sports media; strategic planning in sports; operational planning and control of the sports organization; organization design and the sports agency; decision making in sports organizations; motivation and leadership; and human resource management.

### **SMG 3003 Sports Marketing**

This course will help students develop a thorough understanding of the marketing concepts and theories that apply to sports and sporting events. The areas this course will cover include basic

marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and implementation of sports marketing plans.

### **SMG 3013 History and Philosophy of Sports**

Students are provided a historical study of the development of sports, its role in society, and the philosophical problems that occur. Each student is guided in developing a philosophy related to sports management.

### **SMG 3023 Recreation Management**

This course provides an in-depth study of the role, organization and management of community recreation programs. Students examine the development of community sports leagues, club sports, youth programs and camps, and game officiating.

### **SMG 3033 Theory in Coaching**

This course focuses on the concepts and principles of coaching athletic teams of all levels, including the development of practice plans, teaching methods and theories, motivational strategies, recruiting on the intercollegiate level, and coaching philosophies and ethics.

### **SMG 3283 Practicum in Sports Management**

Students are provided a supervised experience in the sports management industry. Students explore career options, observe a variety of sports management settings, and connect classroom learning with practical application.

**SMG 3613 Emerging Issues in Sports Management**

This course is designed as a seminar on current and emerging topics in the sports world which are not featured in other courses but worth further exploration based on their potential impact on the sports industry.

**SMG 3623 Special Topics in Sports Management**

This course focuses on topics which are not featured in other sports management courses but worth further exploration based upon their impact in the industry.

**SMG 4003 Budget and Finance in Sports**

Students are introduced to the methods and principles of sound financial control in sports related industries. Key aspects of the course include: a review of basic accounting principles and financial statements; sources of revenue for financing; and principles and types of budgeting. PR: FIN 3203.

**SMG 4113 Legal Aspects of Sports**

This course is an overview of the legal issues that affect the sports world, the fitness industry, and recreation. An emphasis will be placed on risk management, case studies, current issues, and practical applications.

**SMG 4243 Ethics in Sport**

This course focuses on the ethical issues related to the realm of sports. Areas of focus include: an introduction to ethical concepts and theories; self-evaluation of one's philosophy of sports, moral behav-

ior, and management; application of ethical theories and frameworks to the decision making process of sports managers; and the careful examination of ethical case studies involving the sports industry.

**SMG 4253 Facility Design and Event Management**

The concepts and principles involved in the process of planning, designing, and operating athletic facilities and the events that are scheduled in indoor and outdoor facilities. This course utilizes the resources available within the Detroit market as real-world examples of the concepts of the course by visiting and touring existing sports facilities. Fee: \$30.

**SOC****Sociology Courses****SOC 2013 Introduction to Sociology**

Sociological concepts that stress the individual's relation to society and culture. Sociological theory and influence of religion, education, government, economics, and culture on an individual's development.

**SOC 2023 Social Problems**

Current American social problems including crime and social deviance, poverty, child abuse, environment, race relations, and substance abuse. Discusses treatment of social problems and preventative social planning.

**SOC 2033 Criminology**

Criminology and the social phenomena of delinquency, deviancy, and crime. Process of making laws, breaking laws, and societal reaction through punishment, treatment, and prevention. Includes sociology of law, criminal etiology, and penology.

**SOC 2453 Marriage and the Family**

Marriage preparation, marital adjustments, child rearing, in-law and extended family relationships, financial planning, and religion. Highlights biblical marriage concept.

**SPA**

## Spanish Courses

**SPA 1214 Elementary Spanish I**

Basic vocabulary, grammar, and practice in understanding, speaking, writing, and reading Spanish.

**SPA 1224 Elementary Spanish II**

Vocabulary-building and complex grammatical construction. Stresses spoken language and Spanish culture. PR: SPA 1214 or three semesters of high school Spanish.

**SPA 2214 Intermediate Spanish I**

Grammar review and continued emphasis on oral and written communication. Also, literary and cultural readings. PR: SPA 1224 or two years of high school Spanish.

**SPA 2224 Intermediate Spanish II**

A continuation of SPA 2214. PR: SPA 2214.

**SPA 3214 Spanish Literature**

Literature by major Spanish literary figures from middle ages to present. PR: SPA 2224.

**SWK**

## Social Work Courses

**SWK 2013 Introduction to Social Work**

Social welfare field, history of American social services, and issues relating to the field of social work practice.

**SWK 3003 Human Behavior and the Social Environment**

Human behavior dynamics and the effect of social environment on individual lifetime development. Biological, psychological, and social perspectives on human function. Students develop a people-in-systems theory.

**SWK 3103 Social Welfare and Public Policy**

Historical, philosophical, and political forces that shape the welfare system's response to contemporary social needs. Analysis of public policy's impact on society.

**SWK 4403 Social Work Practice I**

Generalist social work skills and interview techniques in client systems. Use of self in the change process and problem-solving in a systems framework. PR: SWK 2013.

**SWK 4413 Social Work Practice II**

Generalist model for problem identification, intervention selection, and intervention approaches for individuals, families, groups, and communities. Highlights ethical decision-making in social work. PR: SWK 4403.

**SWK 4893 Field Practicum**

Requires 300 hours of field experience and portfolio that includes a daily journal of internship experience, description of agency's services and training, journal article and critical book reviews reflecting 1,000 pages of reading on an approved topic, written report on readings and practicum experience, and an advisor and student evaluation of the practicum experience. PR: SWK 4403 and 4413.

**THE****Theatre Courses****THE 1103 Beginning Acting**

An introduction to acting including theory and application involving voice, movement improvisation, script analysis, and scene studies.

**THE 1411 Stagecraft**

Technical theatre laboratory experience. Assigns students to one work area on a Rochester College theatre production: lighting, makeup, costumes, set construction and/or design, props, stage management, or director's assistant. Assignments based on experience and/or interest and job

availability. May require up to 75 hours of work.

**THE 1421 Theatre Workshop**

Laboratory experience/credit for performing in a Rochester College theatre production. Selection for roles is based on audition. PR: Instructor permission.

**THE 1431 Ensemble Acting**

Theory and practice in the dynamics of group performance. Requires membership in either Company or Pied Pipers. PR: Instructor permission.

**THE 2003 Appreciation of Theatre**

Significance of the dramatic arts throughout history from ancient Greek to Postmodern theatre; roles of playwright, director, actor, designer, and critic.

**THE 2103 Acting II**

Voice, Movement, and Audition Techniques. Introduction to improvisation and the process of acting, development of the voice, and physical and emotional commitment. This course is designed to free the actor's voice and imagination and explore a creative and imaginative approach to acting. This class will serve to empower students to rediscover their creative selves and to define their own techniques/approaches to applied acting. Includes voice and monologue work, relaxation and movement exercises, and audition techniques.

**THE 2113 Technical Theatre**

Basic principles of stage design, set construction, lighting, proper-

ties, costumes, and makeup in relation to the production concept of a particular genre.

### **THE 3113 Theatre for Young Audiences**

Explores cognitive and emotional characteristics of young audiences and age-appropriate dramatic material. Exposes variations of dramatic literature for child and adolescent audiences. Discusses performance of literature adaptation as well as text creation from improvised scenes. PR: ENG 1123.

### **THE 3213 Dramatic Literature for Production**

A study of dramatic literature from the Sanskrit "The Recognition of Sakuntala" to Reza's "Art." Emphasis will be placed on texts as vehicles for production, both historical and contemporary. Attention will also be given to theoretical writings associated with these plays and playwrights.

### **THE 3303 History of Western Theatre**

A survey of major historical periods of the theatre from Greeks to the present.

### **THE 3313 Oral Interpretation of Literature**

Instruction in analysis and performance of literary genre. Includes oral interpretation of forms such as poetry, scripture, prose, children's literature, and drama. PR: COM 1013.

### **THE 3603 Dramatic Criticism**

Critical writing approaches used

to analyze both theatre performance and dramatic literature.

### **THE 4113 Directing**

Process of play direction from production concept to performance. Includes written play analyses, conducting auditions, casting, rehearsing, and working with technical staff. Students required to direct scenes or one-act plays, possibly in conjunction with a campus theatre production. PR: COM 2513 or THE 3603.

### **THE 4143 Theatre and Religion**

Surveys the historical relationship between theatre and religion including pagan worship, liturgical presentations, and mystery plays. Discusses current conflicting views regarding the role of theatre in the 21st century church, including drama in evangelism (and in the teaching of children), and Christian participation in secular theatre. PR: COM 2513 or THE 3603.

### **THE 4813 Senior Writing Project**

Preparation of a major paper in an area of the student's interest. PR: COM 2513 or THE 3603.

### **THE 4893 Internship**

Supervised field experience in theatre context with application of theoretical knowledge. Includes outside reading and a written report. PR: Senior status.

# Personnel

## BOARD OF TRUSTEES

---

Mr. James Randolph  
*Chairman*  
Rochester Hills, Michigan

Mr. Duane Harrison  
*1st Vice Chairman*  
Rochester Hills, Michigan

Mr. Phil Herrington  
*2nd Vice Chairman*  
Little Rock, Arkansas

Mr. Ed Dickinson  
*Secretary*  
Northville, Michigan

**Mr. Clarence Carpenter**  
Flat Rock, Michigan

**Mr. Harrison Davis**  
Nashville, Tennessee

**Mr. Thomas Duncan**  
South Lyon, Michigan

**Mr. Bruce Foulk**  
Wayne, Michigan

**Mrs. Connie Graham**  
Fenton, Michigan

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Holt, Michigan

**Mr. Ennis Ham**  
Saint Simons Island, Georgia

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Sylvania, Ohio

**Mr. Robert A. Martin**  
Rochester Hills, Michigan

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Houston, Texas

**Dr. Jason Menges**  
Brownstown, Michigan

**Mrs. Carol Passage**  
South Lyon, Michigan

**Mr. Arthur Pope**  
Bloomfield, Michigan

**Mr. David Richardson**  
Arlington, Texas

**Dr. Ken Slater**  
Lansing, Michigan

**Mr. Richard Stephens**  
Vonore, Tennessee

**Dr. Gordon Wright**  
Plymouth, Michigan

## ADMINISTRATION

---

**Rubel Shelly, *Interim President***

B.A., Harding University  
M.A., Harding Graduate School of Religion  
M.Th., Harding Graduate School of Religion  
M.A., Vanderbilt University  
Ph.D., Vanderbilt University

**Brian L. Stogner, *Vice President of Academic Affairs***

B.A., University of Michigan  
M.A. Wayne State University  
Ph.D., Wayne State University

**Larry D. Norman**

Vice President, Admissions and Marketing  
B.S., Iowa State University  
M.B.A., Baker College

**Klint Pleasant**

Vice President, Development  
and Special Assistant to the President  
B.S. Lipscomb University  
M.S. University of Tennessee Martin

**Scott Samuels**

Associate Vice President,  
Development  
B.S. Oklahoma Christian University  
M.S. Walsh College

## AFFILIATES

---

**Jeannette Schiele**

President, Associates of  
Rochester College

**Brenda Phillips**

President, Alumni Association

## EMERITI

---

**Mary Ellen Adams**

Trustee Emeritus

**Robert L. Benham, Jr.**

Trustee Emeritus

**Oscar R. Glover**

Trustee Emeritus

**Robert J. Seccombe**

Trustee Emeritus

**James E. Thomas**

Trustee Emeritus

**J. Robert Utley**

Trustee Emeritus

**Lawrence Watson, Jr.**

Trustee Emeritus

**Donald L. Whetstone**

Trustee Emeritus

**Milton B. Fletcher**

Chancellor Emeritus



## ADMINISTRATIVE STAFF

---

### OFFICE OF THE PRESIDENT

---

**Cathy Ries**

Assistant to the President

### ACADEMIC ADMINISTRATION

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#### ACADEMIC SERVICES

**Jeffery A. Simmons, D.B.A.**

Academic Dean

**John D. Barton, Ph.D.**

Associate Professor of  
Interdisciplinary Studies and  
Associate Academic Dean

**Ann Bryan, M.A.**

Director of Field Placement

**Julie E. Harper, M.P.A.**

Registrar

**Cathy MacKenzie**

Academic Advisor

**Kara McCullough**

Assistant to the Registrar

**Rebekah Pinchback**

Office Manager

**Caye Randolph, M.A.T.**

Coordinator of Student Teaching

**Lynne Stewart**

Education Certification Officer

#### CENTER FOR EXTENDED LEARNING

**Debi Hoggatt, M.A.**

Associate Dean

**Christopher Davis, M.B.A.**

Director of Enrollment–CEL

**Catherine Belkowski**

Enrollment Counselor

**Essie Bryan**

Enrollment Counselor

**Audrey Crampton**

Enrollment Counselor

**Denise Flynn**

Administrative Assistant

**Janet Richards**

Assistant Registrar

**Pamela Robson, M.A.**

Director of Advising & Transfer Services

### ACADEMIC SUPPORT

---

#### TITLE III

**Charles Blake, M.B.A.**

Director of Title III

**Tamara Balk**

Administrative Assistant

**Paula Bonbrisco, M.E.D.**

Activity Director

**Donna Mosley**

Academic Assistance Coordinator

#### CAREER SERVICES

**Joan Sullivan, M.S., CDF**

Director of Career Services

## ENNIS AND NANCY HAM LIBRARY

---

**Alison Keller, M.S.L.S.**  
Director of Library Services

**Brian Angell, M.L.I.S.**  
Cataloger

**Carla Caretto, M.L.I.S.**  
Librarian

**Holly Hebert, M.L.I.S.**  
Librarian II

**Karen Liston M.L.S.**  
Periodical Clerk

**Jeanette MacAdam**  
Interlibrary Loan Manager

## ADMISSIONS AND FINANCIAL AID

---

**Scott Cagnet**  
Director of Admissions

**Eva Callahan**  
Administrative Assistant

**Steven Corp**  
Performing Group Manager

**Dan Curtis**  
Admissions Advisor

**Elaine May**  
Financial Aid Officer

**Kara Miller**  
Director of Financial Aid

**Marty Morrice**  
Admissions Advisor

**Benjamin Muhitch**  
Admissions Advisor

**Lori Nelson**  
Financial Aid Officer

**Jamie Nelson**  
Admissions Advisor

**Francis Ramirez**  
Admissions Advisor

## MARKETING AND DESIGN

---

**Elliot Jones**  
Director of Marketing and Design

**Casey Remsing**  
Senior Designer

## ATHLETICS

---

**Garth Pleasant, M.A.**  
Director of Athletics  
Head Coach, Varsity Basketball

**Clayton Bissett**  
Assistant Athletic Director  
Head Coach, Golf

**Brett Crawford**  
Head Coach, Baseball

**David Crump**  
Head Coach, Volleyball

**Richard Gutierrez**  
Head Coach, Men's & Women's Soccer

**Ron Keen**  
Trainer  
Head Coach, Cross Country

**Justin Lewis**  
Head Coach, Softball  
Intramural Assistant Director

**Joel Schroeder**  
Head Coach, Women's Basketball

**Brian Thrift**  
Head Coach, Junior Varsity Basketball

**Debra Waites**  
Muscular Therapist

## BUSINESS OFFICE

---

**Christopher Bowman, CPA**  
Controller

**Kathy Anspach**  
Accounting Specialist

**Jessica Bristow**  
Accounts Receivable Specialist

**Sue Grant**  
Payroll Administrator

**Donna Richards**  
Cashier

**Hannah Springer**  
Accounts Payable Clerk,

## OPERATIONAL SUPPORT

---

**Mark Johnson, M.S.B.I.T.**  
Director of Operational Support

**Eric Campbell**  
Web Developer

**Darren McCullough**  
Audio-Visual Specialist

**Ming Yu**  
Systems Administrator

**Anne Garrison**  
Administrative Assistant

**Shaun Westaway**  
Director of Safety and Security

**Housekeeping**  
Raquel Eskelson, Supervisor  
John Brickner  
Sonia Rivera

**Maintenance**  
**Garry Balk**  
Maintenance Supervisor  
Darryl Cooley  
Jeff Fletcher

## HUMAN RESOURCES

---

**Lindsey Dunfee**  
Human Resources Manager

**Karen Hart**  
Benefits Administrator

**Carol Halsey**  
Mail Clerk

## DEVELOPMENT

---

**Elton Albright**  
Director of Development

**Victoria Balcom**  
Events Planning Coordinator

**Teresa Graney**  
Development Coordinator

**Kyle Martin**  
Director of Alumni Relations

**Charles F. Myer, Jr.**  
Advancement Officer/President  
—Global Christian University

**Dennis Veara, J.D.**  
Director of Estate Planning

**Kanette Worlds**  
Public Information Staff Editor

## STUDENT DEVELOPMENT

---

**Danette Cagnet, M.B.A.**

Dean of Students

**Sara Barton**

Campus Minister

**Terrill Hall**

Assistant Dean of Students for  
Campus Life

**Natalie Magnusson**

Front Office Supervisor

**Heather Miller**

Resident Director, Alma Gatewood

**Debi Rutledge**

Resident Director, Ferndale-Hoggatt

**Marsha Dziewit**

Director of Dining Services,  
Chartwells Contract Management  
Company

## PRESCHOOL

---

**Amy Vanz**

Director

**Stephanie Corp**

Preschool Assistant

## BOOKSTORE

---

**Larry Stewart**

Bookstore Manager  
Director of Alumni Information

**Sylvia Berger**

Bookstore Clerk

**Linda Watson**

Bookstore Clerk

## FACULTY

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Rochester College features a faculty rich in knowledge and experience. Several professors and instructors teach at the College on a part-time basis while staying active in the pursuit of their respective careers. Some members of the administration or staff who regularly or occasionally teach are noted with an asterisk (\*).

### **John D. Barton\***

Assistant Professor of Philosophy  
B.A., Harding University  
M.Div., Harding University Graduate  
School of Religion  
Ph.D., Makerere Univ. (Uganda)

### **Joe R. Bentley**

Professor of Music  
B.A., Harding University  
M.M.Ed., Univ. of Louisiana at Monroe  
D.M.A., Michigan State University

### **Vikki L. Bentley**

Associate Professor of Education  
B.A., Harding University  
M.Ed., Univ. of Louisiana at Monroe  
Doctoral Studies, Oakland University

### **Paula Bonbrisco**

Title III Activity Director  
B.S., David Lipscomb University  
M.A., Saginaw Valley State Univ.

### **Craig D. Bowman**

Professor of Religion  
B.A., University of California  
M.A., Pepperdine University  
M.Div., Princeton Theological Sem.  
Ph.D., Princeton Theological Sem.

### **David L. Brackney**

Associate Professor of Physical Science  
B.A., University of Michigan  
M.S., Eastern Illinois University  
Doctoral Candidate, Wayne State Univ.

### **Danette Cagnet\***

Assistant Professor of Business  
B.B.A., Harding University  
M.B.A., Harding University

### **Jeff G. Cohu**

Associate Professor of Business  
B.B.A., Harding University  
M.B.A., University of Arkansas  
M.S., Eastern Michigan University  
Ed.S., University of Arkansas  
Ed.D. Cand., Eastern Michigan Univ.  
Certified Public Accountant  
Sr. Professional in Human Resources

### **Brett Crawford**

Assistant Professor of Business  
B.B.A., Rochester College  
M.B.A., University of Massachusetts-Amherst

### **James L. Dawson**

Associate Professor of Education  
B.S.C., University of Windsor  
M.Ed., University of Windsor

### **David A. Greer**

Associate Professor of History  
B.A., Pepperdine University  
M.A., Texas Christian University  
Ph.D., Texas Christian University  
Ph.D., Univ. of Aberdeen (Scotland)

### **Holly Hebert**

B.S., Abilene Christian University  
M.L.I.S., Wayne State University

### **Deborah K. Hoggatt\***

Assistant Professor of Early Childhood  
B.R.E., Rochester College  
M.A., Wayne State University  
Doctoral Studies, Oakland University

### **Kent A. Hoggatt**

Assistant Professor of Communication  
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# Items of Record

Rochester College is accredited by the higher learning commission and is a member of the North Central Association (30 North LaSalle, Suite 2400, Chicago, IL 60602).

## COLLEGE STATUS:

Additionally, the college holds the following licensure, approvals, and memberships:

- Licensed by the State of Michigan Board of Education and incorporated through the Michigan Corporation and Securities Commission.
- Member of the Association of Independent Colleges and Universities of Michigan.
- Approved by the Immigration and Naturalization Service of the US Department of Justice for the training of foreign students.
- Approved by the Michigan Department of Education for receipt of veterans benefits.
- Registered with the United States Internal Revenue Service as a non-profit educational corporation under Section 501(c)(3) of the Internal Revenue Code.

## EQUAL ACCESS AND OPPORTUNITY

Rochester College is committed to equal opportunity for all persons and does not discriminate in admissions, programs, or any other educational functions and services on the basis of race, color, creed, national origin, gender, age, veteran status, religion, or disability to those who meet admission criteria and are willing to uphold its values as stated in the Student Handbook. Rochester College is an equal opportunity employer and does not discriminate on the basis of race, color, creed, national origin, gender, age, veteran status, or disability.

Based upon this commitment, Rochester College follows the principle of nondiscrimination and operates within applicable federal and state laws prohibiting discrimination. As a recipient of federal financial assistance, Rochester College is required by Title IX of the Educational Amendments of 1972, as amended, not to discriminate on the basis of gender in its admissions policies, treatment of students, employment practices, or educational programs. Inquiries regarding compliance with Title IX of the Education Amendments or any other equal access/equal opportunity law or regulation should be directed to the Compliance Coordinator at Rochester College.

## DISABILITY ACCOMMODATION POLICY

It is the policy of Rochester College to comply with Section 504 of the Rehabilitation Act of 1973 and with the Americans with Disabilities Act of 1990 in providing reasonable accommodations to qualified students with disabilities. A qualified student with a disability is one who meets the academic and nonacademic admission criteria essential to participate in the program in question and who, with or without reasonable accommodation, can perform the essential functions of the program or course requirements.

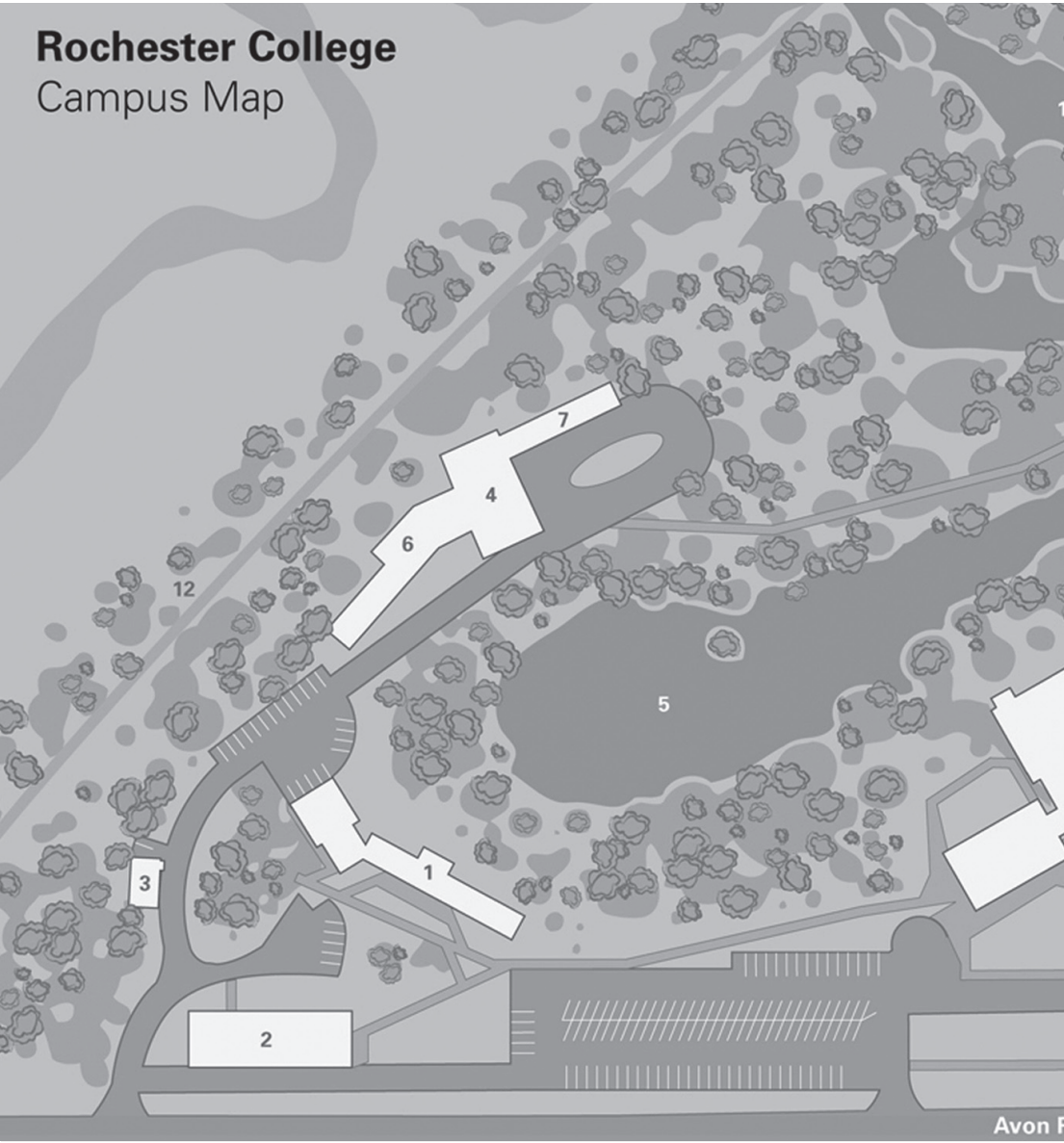
Human Resources facilitates reasonable accommodations and support services for any qualified student with a properly documented disability. A disability is a physical or mental impairment that substantially limits one or more major life activities. Written documentation from an appropriate professional is required. Refer to [www.rc.edu/academics/accommodations](http://www.rc.edu/academics/accommodations) for a complete description of policies and procedures associated with disability accommodations at Rochester College.

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Rochester College attempts to maintain the highest standards of accuracy with regard to the policies and degree programs outlined in this catalog. The College makes every reasonable effort to ensure that catalog changes are made known to students whose educational careers may be affected by such changes. Final responsibility for awareness of and compliance with codes of academic, social, spiritual, and moral conduct is the responsibility of the student. This document does not constitute a legal contract between potential employees, prospective students, or degree candidates. All persons who become members of the College community, either by enrollment or employment, should familiarize themselves with institutional regulations and abide by those regulations at all times. Rochester College welcomes your feedback regarding this catalog. Please e-mail comments or suggestions to [jharper@rc.edu](mailto:jharper@rc.edu) or call 248.218.2096.

# Rochester College

## Campus Map



- |  |   |
|--|---|
| <b>1 Gallaher Center</b><br>Business Office<br>Admissions Office<br>Financial Aid Office<br>Music Department                             | <b>5 Lake Norcentra</b>   |
| <b>2 Muirhead Center</b><br>Academic Services Office<br>Faculty Offices<br>Marketing & Design Office<br>Alumni & Public Relations Office | <b>6 Development Building</b><br>Development Offices<br>Events Planning Department  |
| <b>3 Psychology &amp; Counseling Center</b>  | <b>7 Maintenance</b>  |
| <b>4 Gymnasium</b><br>Athletic Offices   | <b>8 Associates Campus Center</b><br>Campus Security<br>Career Services<br>Classrooms<br>Faculty Offices<br>Information Technology (IT)<br>Student Development Office<br>Teacher Education Office |



Road

**9 Westside Central**

Auditorium (Chapel)  
 Bookstore  
 Fletcher Center (Cafeteria)  
 Isom Atrium (Cafe)

**10 Richardson Center (RAC)**

Academic Center for Excellence  
 Executive Offices  
 Faculty Offices  
 Gardner Science Center  
 Theatre  
 Utley-McCauley Student Center

**11 Ham Library (HL)**

Classrooms & Library Offices

**12 Clinton River Trail**

**13 Clinton River**

**14 Gatewood Hall (AG)**

Residence Hall  
 Academic Center for Excellence

**15 Ferndale / Hoggatt Hall**

Residence Hall  
 Dearborn Commons (DC)

**16 Palmer Hall**

Married Housing  
 Housekeeping

**17 Barbier Hall**

Residence Hall



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