



# ROCHESTER COLLEGE

Course Catalog 2005-2006





# ROCHESTER — COLLEGE —

CATALOG

2005-2006

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ROCHESTER HILLS, MICHIGAN 48307

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# COLLEGE CALENDAR

## FALL SEMESTER 2005

CEL Fall Session A Begins .....	August 15
Jump Start (New Student Orientation) .....	August 19-22
Transfer Student Orientation .....	August 22
Registration .....	August 22
Classes Begin in Traditional Program .....	August 23
Late Registration Deadline .....	August 30
Labor Day (no classes in Traditional Program) .....	September 5
Mid-Term Examinations in Traditional Program .....	October 4-7
CEL Fall Session A Ends .....	October 8
CEL Fall Session B Begins .....	October 10
Fall Break .....	October 10-11
Pre-enrollment for Spring 2006 .....	October 24
Last Day for Class Withdrawal in Trad. Program .....	October 31
Fall Drama Production .....	November 10-13
Homecoming .....	November 12
Thanksgiving Break .....	November 23-25
Winter Banquet .....	December 9
Classes End in Traditional Program .....	December 9
CEL Graduate Brunch .....	December 10
CEL Fall Session B Ends .....	December 10
Final Examinations in Traditional Program .....	December 12-15
Winter Graduation .....	December 17
Residence Halls Close .....	December 17
Grades Due, Traditional College .....	December 19

## SPRING SEMESTER 2006

CEL Spring Session A Begins .....	January 6
Residence Halls Open .....	January 8
Regular Registration .....	January 9
Classes Begin in Traditional Program .....	January 9
Martin Luther King Day (no classes in Traditional Program) .....	January 16
Late Registration Deadline .....	January 17
CEL Spring Session A Ends .....	March 2
CEL Spring Session B Begins .....	March 3
Mid-Term Examinations in Traditional Program ...	February 28-March 3

Spring Break (residence halls are closed) .....	March 6-10
Spring Drama Production .....	March 16-19
Last Day for Class Withdrawal in Traditional Program .....	March 28
Celebration .....	March 31-April 1
Pre-enrollment for Fall 2006 .....	April 3
Good Friday (no classes in Traditional Program) .....	April 14
Easter Holiday (no classes in Traditional Program) .....	April 17
CEL Spring Session B Ends .....	April 27
CEL Summer Session A Begins .....	April 28
Academic Symposium .....	April 26
Classes End in Traditional Program .....	April 28
CEL Graduate Brunch .....	April 29
Final Examinations in Traditional Program .....	May 1-4
Spring Graduation .....	May 6
Residence Halls Close .....	May 6
Grades Due, Traditional College .....	May 8

## SUMMER 2006

Maymester .....	May 8-26
Memorial Day (no classes in CEL) .....	May 29
CEL Summer Session A Ends .....	June 22
CEL Summer Session B Begins .....	June 23
CEL Summer Session B Ends .....	August 17

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



# TABLE OF CONTENTS

CALENDAR .....	2
INTRODUCTION TO ROCHESTER COLLEGE .....	7
STUDENT LIFE .....	11
ENROLLMENT .....	15
FINANCIAL INFORMATION	
Expenses .....	21
Financial Aid .....	27
ACADEMIC POLICIES .....	41
DEGREE INFORMATION .....	51
COLLEGE OF ARTS AND SCIENCES	
Behavioral Science .....	57
Communication .....	61
English and Foreign Language .....	65
History and Political Science .....	70
Interdisciplinary Studies and Philosophy .....	74
Music, Theatre, and Visual Arts .....	86
Physical Education .....	90
Religion and Bible .....	92
Science and Mathematics .....	97
COLLEGE OF BUSINESS AND PROFESSIONAL STUDIES	
Business .....	103
Teacher Education .....	111
COURSE DESCRIPTIONS .....	119
COLLEGE OF EXTENDED LEARNING	
Mission and Overview .....	167
Academic and General Policies .....	170
Paying for CEL .....	175
Bachelor's Degree Completion Programs .....	179
Accelerated Associate of Arts Program .....	178
Special Courses .....	186
PERSONNEL .....	191
ITEMS OF RECORD .....	203
CAMPUS MAP .....	205
INDEX .....	206



# 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:

- 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

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 will 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

Rochester College is located on 83 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 plenty of 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 Services, faculty offices, Information Technology offices, and the College of Extended Learning.

**Gallaher Center.** Gallaher Center houses certain administrative offices: The Business Office, Enrollment Services, Financial Aid, and other administrative offices. The **Alumni Music Center** is located on the upper and lower levels of the Gallaher Center.

**Gatehouse.** Two classrooms house cutting-edge music education equipment.

**Ennis and Nancy Ham Library.** The Ennis and Nancy Ham Library offers students fully automated access to print and microbook volumes, hundreds of current periodicals, and approximately 70 electronic and on-line data resources in a spacious new environment. It is also a member of the Detroit Area Library Network (DALNET), a consortium of public and private libraries in southeastern Michigan. The lower floor of the building houses four networked classrooms including a 32-terminal computer lab.

**Muirhead Center.** Home to the Library since 1965, the Muirhead Center now accommodates 25 faculty offices and the Office of Academic Services.

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

**Science Building.** After the science labs moved to the Richardson Academic Center, this building now houses classrooms, an athletic training room, and administrative offices.

**White House.** Originally a farmhouse, the White House has traditionally served as a residence for the college president. These quarters were renovated in 2001; however, the White House presently accom-

modates the Office of Institutional Advancement. The college president now lives off-campus.

## Residence Halls

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

**Ferndale Hall.** Constructed in 1997, this women's residence hall offers suite-style living with private baths and local 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.

**Gatewood Hall.** This student residence hall offers suite-style living with private baths and local Internet access in each room. All rooms are furnished with beds, wardrobes, closets, dressers, desks, chairs, and either carpet or tile floors. Phone hookups and cable are also available. Each floor has a laundry room.

**Hoggatt Hall.** Constructed in 1997, this men's residence hall offers suite-style living with private baths and local 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.

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

## Other College Facilities

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

**Fletcher Center.** The campus cafeteria, the Fletcher Center overlooks the campus lake. Food service for the college is provided by Chartwells.

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

**Isom Atrium.** Completed in 2001, the Atrium is the 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 the Internet, or meet with friends.

**Rochester College Preschool.** The preschool, housed in the neighbor-

ing facilities of the Rochester Church of Christ, provides hands-on 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 Center.** The newly constructed Utley-McCauley student center is used by all students but mainly the commuters between classes. 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 Assembly. The auditorium also hosts lectures, classes, theatre, music performances, and any other program that draws a large crowd.

# 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.



## SOCIAL LIFE

**Banquets.** Each year, Rochester College sponsors several events to celebrate special occasions for students, faculty, and staff. Campus organizations also host their own special events.

**Homecoming.** Hosted by the Student Government each fall, the day is filled with activities for students and alumni, including an intercollegiate basketball game and the crowning of the Homecoming King and Queen.

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

**Group Outings.** The Student Services Office and other campus organizations sponsor group trips to area attractions such as major concerts, plays, and sporting events.

## 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 relations, 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.

**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. Autumn and Ekklesia perform contemporary Christian music for youth events. 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. *Expressions* is a new dance and theatre troupe that performs at a variety of local and regional venues.

**Student Publications.** Students may join the staff of *The Shield*, the campus newspaper that reports on the pulse of Rochester College student life, or the yearbook, *Areios*, published by students who write, edit, design, and contribute photographs. 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.

**Social Clubs.** Students may pledge one of four campus social clubs that engage in social activities, compete in intramural athletics, and perform community service projects. Social clubs also perform original dance/music numbers at the annual *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 varsity sports include basketball, baseball, and soccer. Women's varsity sports include basketball, volleyball, softball, 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), and women's volleyball (1998, 1999).

**Intramural.** Intramural teams compete in softball, volleyball, basketball, flag football, wiffle ball, dodgeball, coed soccer, disc golf and pickle ball.

## CAMPUS MINISTRY

**Daily Assembly.** Daily Assembly 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, 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.

## SOCIAL REGULATIONS

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, use or possession of alcoholic beverages, illegal drugs, or tobacco are not permitted on campus. Mandatory campus curfew (except for upperclassmen who meet criteria and select to live in upperclassmen residence halls) provides ample time for students to enjoy the recreational and part-time job opportunities of the city. The *Student Handbook*, distributed at student orientation or from the Student Services Office, describes additional policies. Violation of college regula-

tions 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 one another.

## RESIDENCE HALLS

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. Married housing is available on a semester-by-semester basis and is not guaranteed. Single boarding students must obtain cafeteria meal services. Each resident is financially responsible for room damages.

Off-campus housing is allowed for students who are at least 21 years old and of junior status, or for married students, or for students who live with relatives. *College-funded financial assistance is unavailable to single, off-campus residents who do not live with relatives.* 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.

Limited personal counseling is available on campus. The college also makes referrals to local professional counseling centers. Students are responsible for fees charged by off-campus counselors.

## **HEALTH INSURANCE AND SERVICES**

All resident 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. (\$383.00 annual cost) Brochures outlining coverage details are available in the Business Office. Specific coverage questions should be addressed to the insurance provider directly at 800-338-1938. See the Student Accounts Manager for more details.

The nearby Henry Ford and Mercy Care Medical Centers prescribe medication and offer treatment for minor ailments. Students may choose a local physician at their own discretion. Emergency care is available at Crittenton Hospital (two miles from campus). Students are obligated to pay for services and medication.

## **CAREER SERVICES**

The Mission of Career Services at Rochester College is to assist current students, accepted prospective students, and RC alumni in developing, evaluating, and initiating an effective career plan through self-assessment and exploration of occupational and educational opportunities.

The Career Services office will assist students in relating personal interest, skills, and values to academic pursuits and career goals. Career Services staff will provide an presentation to all incoming freshmen as part of the Freshman Year Experience program at the beginning of each fall semester. Students will be given the tools to begin a career planning process that will take them through graduation and either job placement or graduate school.

The Career Services office maintains a career and job search library, provides computerized career assessments, and assistance. Students can also have individual counseling and a variety of other career programs to assist students in their career planning and job search. A regularly published newsletter will announce job postings, career related workshops, on-campus interviewing, and other activities from the Career Services office.

# ENROLLMENT

Prospective students should evaluate whether their academic, career, and spiritual goals will be addressed by the unique programs and environment at Rochester College. People whose life pursuits harmonize with the mission and purpose of Rochester College are most likely to thrive.



## ENROLLMENT PROCEDURE

Complete each of the following steps to apply for regular admission to Rochester College. For those who seek financial aid, it is important to complete these steps as early as possible. See the College of Extended Learning section for enrollment procedures for CEL programs (page 167).

1. Complete and submit an *Application for Admission* to the Enrollment Services Office along with a non-refundable *application fee* of \$25 (US only). Application forms are available from the Enrollment Services Office upon request. Internet applications may be submitted at the website, [www.rc.edu](http://www.rc.edu).
2. Send a *high school transcript* to the Enrollment Services Office. Students who have completed college work should also submit a *college transcript*. Incomplete transcripts may be used for preliminary admissions decisions, but final transcripts are required for class registration. GED graduates must submit an official copy of their GED scores to the Enrollment Services Office.
3. Submit an official *ACT* (American College Test) or *SAT* (Scholastic Aptitude Test) *score report*. Contact the ACT (Rochester College code 2072) or SAT (Rochester College code 1516) testing services to request this information. Official score reports are required for class registration. Students who have not taken the ACT may take a residual exam on campus. Contact the Enrollment Services Office to arrange a test date. Prospective students who are at least 23 years old and are transferring fewer than 14 semester hours may take the ASSET test in place of the ACT or SAT. The ASSET must be administered prior to enrollment by arrangement with the Enrollment Services Office.
4. Submit a room reservation form and fee of \$180(US). Upon enrollment, \$25 will apply to the non-refundable reservation fee, \$150



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 deposits are required for on-campus housing and are fully refundable if requested in writing, to the Enrollment Office, prior to May 1. Only the \$155 deposit is refundable, if requested 30 days prior to the last day of Fall registration. Housing assignments are made on a first-come, first-served basis once application and room reservation fees 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 scores. Equally important, however, are moral character, integrity, and involvement in school, church, and community activities. Approval is granted on a rolling basis once all required credentials are received.

## **RESIDENCE REQUIREMENT**

Campus residence is required of all students (unless married) who are not 21 and not junior status, or who

are not living with a parent or guardian.

## **FIRST TIME IN COLLEGE**

High school graduates with less than 17 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. Students who did not graduate from high school may be admitted unconditionally if they earned a minimum GED score of 50, and a minimum ACT composite score of 18 or a minimum SAT total of 880.

Prospective students who are not eligible for unconditional admission to Rochester College, but whose academic and personal initiative indicate potential for success, may be admitted on academic alert. These students will be limited to 12 credit hours in their first semester and may be required to take courses in basic English, reading, writing, mathematical skills development, and study habits training. Supplemental classes for specific courses may also be required.

## **TRANSFER STUDENT**

Transfer students from other colleges or universities must provide an official transcript from each institution and complete the steps listed

on page 15. ACT or SAT scores are not required of students who transfer 17 or more college semester hours that apply to the general education core and if their college GPA is above 2.00. Students who transfer a GPA below 2.00 must supply ACT or SAT scores and may be placed on Academic Alert (see p. 42 for information concerning Alert status). All transfer students are required to take ENG 1123 at Rochester College, or to take the English Qualifying Exam.

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 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 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-senior status at the institu-

tion 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's degree and 98 hours toward the Bachelor's degree. At least 50% of a student's major core requirements must be earned at Rochester College. See page 170 for College of 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's 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 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 Enrollment Services Office. Students who hold the Associate's degree from non-MACRAO colleges or universities will not be required to take the Rochester College general education requirements, but only if the Associate's degree includes a minimum 25 hours in typical general education

courses with at least two courses in written communication, and one course each in oral communication, fine arts, literature, science, the equivalent of MAT 1103 or greater, and history or another social science.

Transferees who hold the Bachelor's degree from another accredited college or university are exempt from all general education requirements, except the Christian Values Requirement (page 44) 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 Director of Student Support Services. 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 Services 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.

## **INTERNATIONAL STUDENT**

Students who received their education outside the United States must demonstrate their ability to perform college work in the US by submitting academic credentials from the country where they received their education. Students whose native language is not English must score at least 500 (173 computer-based) on the Test of English as a Foreign Language (TOEFL, Rochester College code 1516) or at least 109 in an ELS Language Center. All students educated outside the United States or Canada enter Rochester College on academic alert. Issuance of an I-20, as a citizen of another country, requires bank certification that funds are available to pay for at least the first year of college. A deposit equal to half the annual charge for tuition, room, and board (less any institutional aid) must be submitted to the College by June 1 for fall enrollment and by November 1 for spring enrollment, to ensure adequate processing time related to issuance of a student visa. The deposit, credited to the student's account, may be refunded only if the student is denied a visa.

## SPECIAL STUDENT

Students who are not in a degree program or who are taking no more 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.

## GUEST STUDENT

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 request that grades and credits be sent to their college or university. To apply, submit a Michigan Uniform Undergraduate Guest Application to the Rochester College Registrar.

## COMPUTERS

Rochester College encourages every student to purchase a laptop computer to complete academic coursework, including word processing, Internet research, intranet discus-

sion, and software applications. Space in campus computer labs is frequently limited.

All students should make every attempt to purchase or lease a personal computer or laptop computer. All residence hall rooms are wired for network access. The Solid Rock Café offers wireless network access. Since Fall 2001, business majors have been required to have access to a personal computer, preferably a laptop. Beginning with the 2002-2003 academic year, all other majors must comply with the same requirements.

Rochester College recommends the following minimum specifications:

- 1 GHz processor or higher
- 256 MB RAM
- 20GB hard drive
- 10/100 network card
- Sound card with speakers
- CD-ROM drive
- 3 1/2 inch floppy drive
- Microsoft Windows 2000 Professional or later
- Microsoft Office 2000
- Antivirus software
- 17-inch monitor



# FINANCIAL INFORMATION



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

## BASIC EXPENSES

**Boarding Student.** Basic expenses for a full-time boarding student for the 2005-2006 academic year are:

	1 semester	2 semesters
Tuition and Required Fees		
Tuition (12-18 hours) .....	\$5,560	\$11,120
Student Support Fee <sup>1</sup> .....	618	1,236
Total for Boarding Student .....	\$6,178	\$12,356

**Commuting Student.** Basic expenses for a full-time commuting student for the 2005-2006 academic year are:

	1 semester	2 semesters
Tuition and Required Fees		
Tuition (12-18 hours) .....	\$5,560	\$11,120
Student Support Fee <sup>1</sup> .....	362	724
Total for Commuting Student .....	\$5,922	\$11,844

## SCHEDULE OF CHARGES

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

Full-time Block (per semester, 12-18 hours) .....	\$5,560
Outside Block (per semester hour over 18 or under 12) .....	360
Maymester (per semester hour) .....	265
Audit Fee (per course) .....	100

<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 and a membership to Lifetime Fitness.

<b>Course Fees</b> (refundable, charged per course unless otherwise noted)	
All science lab courses .....	30
ENG 4213, 4223, 4233 .....	30
MAT 1213, 1312, 1323, 1335, 2515, 2524, 3534, 3623 .....	40
MAT 2213, 2223 .....	25
PSY 3323 .....	25
PSY 3313, 4403 .....	35
PED 1011 .....	60
MUS 1101 .....	65
EDU 2143, 2202, 3213, 3223, RDG 4313 .....	50
NSC 4503, RDG 4503, ENG 4603, HIS 4503, 4603, MAT 4603 .....	70
EDU 4231, 4728, 4828 .....	100
Private Voice and Private Piano Fee (all levels, per credit hour) .....	250

### Residential Fees and Deposits

#### Housing and Meal Plans (refundable)

##### Room Options

Ferndale or Hoggatt .....	1,810
Barbier or Gatewood .....	1,670

##### Board Options

Option A - 19 meals/week .....	1,470
Option B - 14 meals/week <sup>1</sup> .....	1,365

##### Cost Value (Room and Board together)

Ferndale or Hoggatt + Option A .....	3,280
Ferndale or Hoggatt + Option B .....	3,175
Barbier or Gatewood + Option A .....	3,140
Barbier or Gatewood + Option B .....	3,035

##### Married Housing (as available, first year)<sup>2</sup>

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

Maymester Room and Board (flat rate) .....	300
--------------------------------------------	-----

Room Security Deposit (any residential location) .....	155
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##### Private Room Fee (nonrefundable)

As available, additional per semester .....	350
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### Other Charges and Fees (nonrefundable)

CLEP Administrative Fee .....	30
CLEP Testing Fee (per examination) .....	50
DANTES Testing Fee (per examination) .....	100
CLEP and DANTES Credit Recording Fee (per credit hour) .....	20

<sup>1</sup> Option B Meal Plan is available to students who have completed 60 credit hours prior to that semester

<sup>2</sup> To ease transition into the local housing market, married student housing is provided as space is available. Incoming students have priority over continuing students. If space continues to be available, a rental arrangement may be continued at an agreed upon rate.

Computer Lab Fee .....	varies
Course Change Fee (per change form) .....	15
Graduation Candidate Fee (per application) .....	125
Health Insurance (minimal secondary coverage, per year) .....	383
Late Registration Fee .....	50
Late Payment Fee .....	25
Lock Replacement Fee .....	60
Myers-Briggs Type Indicator .....	10
New Student Orientation Fee .....	100
Payment Plan Fee (per semester) .....	25
Prior Learning Portfolio Fee (per credit hour) .....	40
Returned Check Fee (NSF, per check) .....	25
Room Change Fee (per room change) .....	25
Room Reservation Fee .....	25
Strong Interest Inventory .....	10
Student Identification Card Replacement .....	25
Student Support Fee <sup>1</sup>	
Boarding Students (per semester) .....	618
Commuting Students (12 hours or more, per semester) .....	362
Commuting Students (less than 12 hours, per semester) .....	180
Transcript Fee (per copy) .....	5
Vehicle Violation Fines (each violation) .....	25

## 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.

<sup>1</sup> See note 1 on page 21.



**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 \$25 fee per semester for use of the payment plan. Students may be charged a \$25 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 past-due accounts will not receive diplomas or letters of recommendation. 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 on a prorated basis according to Federal refund policy. Refunds will not be granted if a student withdraws after 60 percent of the semester is completed. Students who withdraw early may be responsible for remaining charges on their account. Consult the Financial Aid Office and the Business Office for more information about the consequences of withdrawal.

Refund Schedule 2005-2006		
Fall Semester	Spring Semester	
August 22	January 6	100%
August 23 - August 30	January 9 - January 16	90%
August 31 - September 6	January 17 - January 23	75%
September 7 - September 20	January 24 - February 6	50%
September 21 - October 4	February 7 - February 20	25%
October 5 to end of semester	February 21 to end of semester	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 College of Extended Learning are described on p. 177. 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 Wintersession and Maymester are based on the number of class periods. Students who choose to commute after the semester begins receive a refund of room and board charges calculated on a prorated basis. No refunds are granted for missed meals. Special fees may not be refunded. Room security deposits are refunded only when check-out 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.

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**

To withdraw from the College, obtain a withdrawal form from the Director of Student Support Services and follow the steps below. Remote students may call the Director of Student Support Services 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. Have a personal exit interview with the Director of Student Support Services. A signature indicates approval to proceed with the withdrawal process.
2. Visit the Dean of Student Services. Turn in mailbox key and ID card, and leave a forwarding address for mail.
3. Return all outstanding materials to the library. Have librarian post any charges to the withdrawal form.
4. Visit the Academic Dean of your college, and receive his or her initial on the withdrawal form.
5. 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.
6. Have a personal exit interview with the Student Accounts Manager in the Business Office. Refunds (room deposit, telephone deposit, etc.) will be calculated after 30 days when all charges and adjustments have cleared the Business Office.

# FINANCIAL AID

Many sources of financial assistance are available to students and their families. Government aid, institutional scholarships, loans, and work study opportunities are all available. In some instances, aid is awarded on the basis of academic merit; in other cases, the primary criterion is the student's campus involvement and financial needs.

## HOW TO APPLY FOR MAXIMUM AID

Eligibility is determined by submitting a Free Application for Federal Student Aid (FAFSA) to the Financial Aid Office. Institutional scholarships and awards are only available to students attending the traditional colleges. 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 awards some institutional aid to qualified applicants regardless of family income. Institutional aid may be adjusted according to the amount of Federal or State aid a student receives. Recipients of the Trustee Scholarship, National Merit Scholarship, or Presidential Scholarship may not receive additional institutional aid. Failure to comply with minimum grade requirements or College regulations

may result in a loss of institutional awards. See page 13 for residency requirements that affect financial aid.

Rochester College helps students locate aid sources required to meet financial need. Institutional aid sources are described on the following pages. The Financial Aid Office provides detailed descriptions of programs, qualifications, and minimum renewal requirements. The Financial Aid Office also designs aid packages which combine scholarships, grants, loans, and part-time employment to meet students' financial needs. Most financial aid is applied directly to individual student accounts. College-funded financial aid assistance is unavailable to single, off-campus residents who do not live with parent or guardian. Exceptions may be considered at the end of the academic year in which the student turns 23 years old or when the residence halls are at capacity.



1. Complete a Rochester College *Financial Aid Scholarship Application* and return it as soon as possible during senior year of high school.
2. Complete the Free Application for Federal Student Aid (FAFSA) as soon as possible after January 1 of high school senior year. The **priority deadline** is **April 15**. The FAFSA should be submitted on-line at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). It may also be mailed directly to the government where it will be processed. (applicants must include Rochester College's Federal school code of 002288 in Step Six of the FAFSA).
3. Once the FAFSA is processed, a *Student Aid Report (SAR)* is sent to the Financial Aid Office. Each applicant is also sent a report. *Please read it carefully.* If everything is correct, keep the SAR for personal records. Any corrections should be made on Part Two, which must be *signed* and returned to the Financial Aid Office.
4. The Financial Aid Office will send an award package once the SAR is received. The award will list all scholarships, state grants (if applicable), and Federal aid (grants, loans, and work study) along with information about the loans. A verification work-sheet may need to be filled out and returned to the Financial Aid Office.
5. Carefully review the information in the award letter, initial each award where indicated, and return the list to the Financial Aid Office (postage paid). Submit any other requests for information.
6. Please note that award letters are only valid for the *current* school

year. A renewal FAFSA must be completed each year.

7. Questions may be directed to the Rochester College Financial Aid Office. Call **1-248-218-2028** or toll free **1-800-521-6010**.

## ACADEMIC PROGRESS REQUIREMENT

Federal regulations require students to maintain a 2.00 cumulative GPA to remain eligible for financial aid at Rochester College. Also, full-time students enrolled in 12 or more hours per semester must earn at least 24 hours of credit or complete 75 percent of the hours attempted during the academic year to maintain aid eligibility. Part-time students (6-11 hours) must complete 75 percent of the hours attempted to maintain aid eligibility.

Students who fail to meet the requirement during the fall or spring semesters may include short-term (Wintersession or Maymester) courses in the total hour requirement for the academic year.

An adjustment period exists for first-semester Rochester College students who have less than 24 semester hours. Students who do not meet the requirements their first year (qualitative or quantitative), will be placed on financial aid probation (aid continuance requires a 1.00 minimum cumulative GPA, and a student must complete at least 50 percent of the hours attempted).

Financial aid eligibility ends when total hours attempted (including transfer hours) equals 150 percent of the hours needed to complete a degree plan (for a degree requiring 128 hours, aid would be terminated at 192 hours attempted). The number of hours attempted is defined by the number of hours enrolled at the end of each late registration. All hours attempted are included, regardless of whether or not financial aid was received for the hours.

Financial aid probation or loss of aid results when a student fails to meet academic progress requirements. Attainment of minimum requirements must be met at student expense before financial aid is reinstated. Written appeal based on mitigating circumstances that affect eligibility may be submitted to the Director of Financial Aid.

Any recipient who receives institutionally-funded aid (scholarships and some on-campus employment) and goes on academic alert or probation may be required to participate in special tutoring and learning seminars with the Academic Center for Excellence (ACE). Students suspended for academic or financial aid reasons will be required to utilize the ACE upon re-enrollment.

## INSTITUTIONAL SCHOLARSHIPS AND AWARDS

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

- (1) Trustee Scholarship Candidate
- (2) Presidential Scholarship Candidate

**Academic Achievement Scholarship - Transfer.** Applicants from other colleges or universities with at least a 2.75 college GPA and 17 or more college semester hours that apply 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

## CHART OF FINANCIAL AWARDS, 2005 - 2006

Name of Award	Scholarship Amount	Minimum ACT, SAT, or HS GPA
Academic Achievement Scholarship	\$500 - \$5,500	ACT 20; SAT 950
Activity Achievement Award	Varies	NA
Adult Part-Time Grant	Up to \$600	NA
Alexander Preaching Scholarship	\$250	NA
Alumni Parents Scholarship	\$250 - \$500	NA
Associates Scholarship	Up to \$1,000	ACT 18; SAT 880; GPA 2.50
Athletic Scholarships	Varies	ACT 18; SAT 880
Bible Lectureship Endowment	\$1,000	NA
Birk Scholarship	\$300	NA
Bliss Memorial Second Miler Award	\$100	NA
Brittingham Endowed Scholarship	\$750	GPA 2.75
Canadian Equalization Grant	\$4,000	NA
Carter Endowed Scholarship	\$1,200	NA
Christian Academy Scholarship	40% tuition for up to 18 hrs <sup>1</sup>	ACT 18; SAT 880
Christian Ministry Endowment	\$2,000	NA
Christian Missionary Service Scholarship	25% tuition for up to 18 hrs <sup>1</sup>	ACT 18; SAT 880
Christian School Association Scholarship	\$1,000	ACT 18; SAT 880
Church of Christ Children's Home Scholarship	50% tuition for up to 18 hrs <sup>1</sup>	ACT 18; SAT 880
Dickinson Endowed Scholarship	\$1,200	NA

<sup>1</sup> When coordinated with federal, state, and other institutional aid.

<b>Additional Requirements and Descriptions</b>	<b>Application Deadline</b>	<b>GPA to Renew</b>
Supportive high school GPA. Awarded automatically with official ACT/SAT score report. Awards detail on p. 29.	Registration	Varies
Exceptional ability in athletics, music, or drama. Renewable with departmental approval. Athletes must pass at least 24 semester hours each year.	Prior to Enrollment	2.00
Given by the state of Michigan to independent Michigan residents attending school part-time, based on need.	Registration	NA
In honor of Everett Alexander, must be a ministry major and have completed 30 semester hours.	Registration	NA
Awarded automatically to children of Alumni with verification. Non-renewable.	Registration	NA
Awarded by the Associates of the College. Renewal conditional on demonstrated good conduct and citizenship.	Registration	2.75
Excellence in specified activity and recommendation by appropriate coach.	Registration	2.25
Selected by the Religion faculty, one Bible major each year; funded by donations at the annual Bible Lectureship.	Registration	NA
In honor of David L. Birk, will select a student who is ineligible for institutional scholarships and governmental aid.	Registration	NA
Honors Lynn and Sandi Bliss, and awards one student who exhibits a servant attitude.	Registration	NA
Honors Donald Brittingham.	Registration	2.75
Awarded automatically to students with Canadian citizenship and permanent residence in Canada.	1 May	2.25
In honor of Donald and Marie Carter, will award three students; business majors preferred.	Registration	NA
For undergrad dependent child of full-time employees of a Church of Christ secondary school. Must be full-time boarding.	1 April	2.25
Eight annual scholarships for Christian Ministry Majors.	Registration	NA
For undergrad dependent child of full-time missionaries currently in a foreign mission field. Must be sponsored by U.S. Church of Christ. Must be full-time boarding.	1 April	2.25
Awarded automatically to graduate of NCSA or ACSI high school who enters with freshman status.	1 May	2.25
For residents of children's homes sponsored by Churches of Christ. Recommendation from director; must be full-time boarding.	1 April	2.25
In honor of Royce Dickinson. Three annual scholarships will be awarded.	Registration	NA

NOTE: Stacking of multiple scholarships is limited and based on need and availability.



# CHART OF FINANCIAL AWARDS, 2005 - 2006

Name of Award	Scholarship Amount	Minimum ACT, SAT, or HS GPA
Early Application Incentive	5% of tuition	NA
East End Church of Christ Scholarship	\$1,500	NA
Eckstein Endowed Scholarship	\$1,000	NA
Family Tuition Discount	10% of tuition	ACT 19; SAT 920
First Generation Scholarship	100% tuition with federal / state aid and all institutional aid.	ACT 19; SAT 920; GPA 2.50
Fletcher Endowed Scholarship	\$500	NA
Foulk Endowed Scholarship	\$500	NA
Founders Endowment	\$1,250	NA
Franzke Endowed Scholarship	\$850	GPA 2.50
Gallaher Leadership Scholarship	Up to \$1,000	GPA 2.50
Grantham Memorial Scholarship	\$325	NA
International Scholarships	Varies	NA
Kent Endowed Scholarship	\$1,250	NA
Lawrence Endowed Scholarship	\$1,000	NA
Leslie Honor Scholarship	\$5,000	NA
Metropolitan Youth Chorus Award	\$2,000	ACT 18; SAT 880
Michigan Tuition Grant / Competitive Scholarship	Up to \$2,000	NA
Monroe Endowed Scholarship	\$700	NA
Muirhead Endowed Scholarship	\$1,500	GPA 3.00
National Merit Scholarship	100% tuition for up to 15 hrs <sup>1</sup>	NA

<sup>1</sup> When coordinated with federal, state, and other institutional aid.

<b>Additional Requirements and Descriptions</b>	<b>Application Deadline</b>	<b>GPA to Renew</b>
Awarded automatically if completed Admission Application and fee is received before January 1. Non-renewable.	1 January	NA
Will award one male student, at least sophomore standing, that is preparing to preach in a cappella Churches of Christ.	Registration	NA
Honors Bertha Eckstein, two scholarships will be awarded to biblical studies or ministry majors.	Registration	NA
Awarded automatically if two or more dependent children are concurrently enrolled full-time.	Registration	NA
First Generation, Pell eligible, Scholarship Application, permanent resident in metro Detroit area. Must be full-time boarding.	1 April	2.50
In honor of Dr. Milton B. Fletcher and Coach Bill Shinsky. Award given based on need.	Registration	NA
Honors Bruce and Judy Foulk, scholarship is given to a religious studies major.	Registration	NA
Two awards will be given based on need.	Registration	NA
In honor of John Franzke, award will be given to two residents of Rochester or Rochester Hills.	Registration	2.8
Boarding student who demonstrates recognizable leadership characteristics his/her freshman year. Non-renewable.	Registration	NA
Honors Sandra Nicks Grantham, student must show need.	Registration	2.50
Limited scholarship based on leadership or academic ability for non-Canadian international students.	Registration	3.00
For Oakland County residents: one of two scholarships in honor of F. Floyd Kent.	Registration	NA
In honor of Avis Lawrence, for one male training to preach in a cappella Churches of Christ.	Registration	NA
Honors Larry Leslie; given to the student with the highest GPA in a computer or math related field, only given for up to two years.	Registration	NA
MDYC in senior year. Enroll in the Fall following HS graduation. Recommendation of director. Remain enrolled for full year. Must be full-time boarding.	1 April	2.25
For Michigan residents, based on need and enrollment in a private Michigan college. Tuition Grant and Competitive Scholarship may not be awarded at the same time.	Registration	NA
In honor of Mary Monroe; students must have at least a 3.00 GPA from the previous year at RC. Two scholarships given.	Registration	3.00
Honors Alberta Muirhead; award is given to a business major.	Registration	3.00
National Merit Scholarship Finalist. Awarded automatically with verification. Must be full-time boarding.	1 April	3.50

NOTE: Stacking of multiple scholarships is limited and based on need and availability.

## CHART OF FINANCIAL AWARDS, 2005 - 2006

Name of Award	Scholarship Amount	Minimum ACT, SAT, or HS GPA
O'Donnell Memorial Scholarship	\$500	NA
Ogburn International Bible Scholarship	\$1,000	NA
Opportunity Scholarship	Up to \$2,000	ACT 19; SAT 920
Out of State Tuition Grant	Up to \$2,000	NA
Partners in Christian Service Scholarship	\$1,500	NA
Pell Grant	Up to \$4,050	NA
Perrin Endowed Scholarship	\$1,500	NA
Philpot Endowed Scholarship	\$500	NA
Ponting Foundation Opportunity Scholarship	\$2,000	NA
President Garfield Scholarship	\$2,000	NA
Presidential Leadership Scholarship	Varies	ACT 20; SAT 950; GPA 2.50
RC Warrior Christian Leadership	\$1,000	ACT 20; SAT 950; GPA 2.50
Riley Endowed Scholarship	\$1,500	NA
Rummel Endowed Scholarship	\$1,000	NA
Skellett Honorary Scholarship	\$2,000	ACT 20; GPA 2.50
Slater Endowed Scholarship	\$1,500	GPA: 2.50
Southern Endowed Scholarship	\$1,250	NA
Stowe Endowed Scholarship	\$600	NA

<sup>1</sup> When coordinated with federal, state, and other institutional aid.

<b>Additional Requirements and Descriptions</b>	<b>Application Deadline</b>	<b>GPA to Renew</b>
In memory of Dan O'Donnell; renewable grant, conditional upon College regulations adherence and a min. 2.50 GPA.	Registration	2.50
In honor of J. R. and Mary Ogburn; for an international student preparing for ministry in a native country, students of Middle Eastern origin preferred.	Registration	NA
High School or College GPA of 2.50. Scholarship Application. Demonstrated financial need annually, with supporting academic and leadership performance.	1 April	2.50
For U.S. citizens & permanent residents of a state other than Michigan with documented need. Must be full-time boarding.	1 May	2.00
Parent(s) must be employed full-time by Christian non-profit organization. Must be a full-time boarding, or living w/ parent.	1 April	2.5
U.S. citizens and some non-citizens are eligible for this need-based aid from the Federal government.	Registration	NA
Honors Renada Perrin; for a student preparing to serve as a foreign missionary, with at least 30 hrs and a min. 3.00 GPA.	Registration	NA
In honor of police officer Jerry Philpot II, killed in the line of duty; for a prelaw student of sophomore status or higher.	Registration	NA
Awarded by the Herbert and Elsa Ponting Foundaton; for one male and for one female student demonstrating need. Must be Michigan residents pursuing a BBA in management.	Registration	2.50
Awarded to a student involved with conservative politics. Business or prelaw majors preferred.	Registration	NA
Active leadership in church, school, and community. Must be full-time boarding.	Registration	2.5
Scholarship Application. Two recommendation letters from youth minister, minister or elder. Must be full-time boarding.	1 May	2.50
In memory of Annette and Cheryl Riley; for a female business major with at least 30 hrs and a min. 2.75 GPA.	Registration	3.0
Honors Ronald L. Rummel; for a student whose primary residence is within 30 miles of Toledo, Ohio. Must be active in campus life, with a min. 2.00 GPA and 30 hrs or more.	Registration	NA
Honors Ray and Betty Skellett; for Great Lakes region residents planning to remain in the area after college. Ministry and education majors preferred.	Registration	2.8
Honors Harold and Helen Slater; 8 scholarships for students with a min. high school GPA of 2.50, or college GPA of 2.80.	Registration	NA
In honor of Paul and Margaret Southern; for two male students planning a career in ministry or religious education.	Registration	NA
Honors Jack Stowe; annual scholarship for a student who earns and maintains a 3.00 minimum GPA.	Registration	NA

NOTE: Stacking of multiple scholarships is limited and based on need and availability.

## CHART OF FINANCIAL AWARDS, 2005 - 2006

Name of Award	Scholarship Amount	Minimum ACT, SAT, or HS GPA
Stowe Memorial Scholarship	\$700	NA
Supplemental Educational Opportunity Scholarship	Up to \$1,200	NA
Transfer Scholarship	\$1,500 - \$2,500	GPA 2.75
Trinkein Endowed Scholarship	\$2,000	NA
Trustee Scholar (up to 5 per year)	100% tuition for up to 18 hrs <sup>1</sup>	ACT 30; SAT 1320; GPA 3.50
Turner Memorial Scholarship	\$650	NA
Valedictorian & Salutatorian Scholarship.	\$1,000 - \$1,500	ACT 21; SAT 1000
Whitelaw Endowed Scholarship	\$400	NA
Williams Endowed Scholarship	\$1,000	NA
Wood Christian Leadership Scholarship	\$1,400	NA

<sup>1</sup> When coordinated with federal, state, and other institutional aid.

### SPECIAL DISCOUNTS

**Early Application Discount.** Applications received before January 1 will earn a five percent nonrenewable discount on first-year tuition charges.

**Family Plan 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 tuition discount on the block rate. Must be full-time boarding student unless living with parent.

### LOANS

**Federal Perkins Loan.** US citizens in financial need may borrow up to \$4,000 per year (limited to \$20,000 total) at five percent interest. Repayment and interest begins nine months after the end of half-time study, and payments may be extended over a ten-year period. Application is made directly to Rochester College. Financial statement required.

**Federal Direct Stafford Loan.** Federal loan programs allow freshmen to borrow as much as \$2,625; sophomores may borrow up to \$3,500, and juniors and seniors may bor-

<b>Additional Requirements and Descriptions</b>	<b>Application Deadline</b>	<b>GPA to Renew</b>
In memory of Jamie Carol Stowe; for a student majoring in early childhood, elementary education, or behavioral science (with a social work or psychology emphasis). Funds may be used to assist on- or off-campus summer work programs at the Rochester College preschool.	Registration	2.50
Federal government award based on demonstrated need.	Registration	NA
Student transferring to Rochester College with 17 or more hours. Available only to full-time traditional students.	Registration	NA
Honors Ross William Trinklein; for a student with a 3.00 min. GPA and demonstrated exemplary Christian character, service, and evangelical qualities. Ministry students preferred.	Registration	NA
Entering RC with no more than 12 hours. Competitive Scholarship Application process. Must be full-time boarding.	1 April	3.50
Honors Erlon and Mary Dell Turner; two scholarships for students with financial need.	Registration	NA
Appropriate class rank awarded automatically with official verification. Non-renewable.	Registration	NA
Honors Marilyn Whitelaw; awards a music major.	Registration	NA
Named in honor of Earl and Wilma Williams; awarded each year, based on financial need.	Registration	NA
Honors Jim Wood; for a student of at least sophomore status who exhibits Christian leadership.	Registration	NA

NOTE: Stacking of multiple scholarships is limited and based on need and availability.

row up to \$5,500. Variable interest is capped at 8.25 percent plus an origination fee of three percent. *At the time of catalog publication, the program offers a 1.5 percent rebate on the origination fee.* The Federal government pays the interest on subsidized loans as long as the student demonstrates financial need and is enrolled in college. Students who do not meet the criteria for need-based Federal loans, who need additional funds beyond need-based eligibility, or who are considered an independent student by Rochester College may obtain an unsubsidized version of the Stafford Loan in which the student pays interest or adds it

to the principle balance while he or she is in college. Five- to ten-year repayment on Federal Stafford Loans begins six months after graduation or withdrawal from college, or when the student drops below halftime status. A \$50 minimum monthly repayment is required. Application is made to Rochester College by submitting the FAFSA form. Students who do not hold loans from similar programs administered by lending institutions, are required to obtain Stafford Loans through the Direct Loan Program. Stafford Loans may only be applied to an account at or after registration.

**Federal Direct PLUS Loan.** Parents may borrow up to the cost of an academic year less any other financial aid for the year. Financial need is not required to obtain this loan. Variable interest is capped at nine percent plus an origination fee of four percent. *At the time of catalog publication, the program offers a 1.5 percent rebate on the origination fee.*

Parents must begin repayment within 60 days unless they obtain a temporary deferment (in which interest is accrued). Repayment may be scheduled for up to ten years. Application is made by completing the FAFSA and an additional application, and is subject to credit approval. Students who do not hold loans from similar programs administered by lending institutions, must obtain PLUS Loans through the Direct Loan Program. PLUS Loans may only be applied to an account at or after registration.

## 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. A policy statement can be obtained from the Registrar. 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 veterans' benefits. The standards of progress and alert policies are found on page 42.

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's and Asso-

ciate's degrees. The above policies regarding certification for veterans' benefits supersede any and all previous statements of these policies.

**Vocational Rehabilitation.** Students with physical disabilities may be eligible to receive additional aid through the Vocational Rehabilitation Service. For more information, contact the Office of Financial Aid.

## EMPLOYMENT

**College Work Study.** This Federal aid program provides campus work for students with financial need. A similar program exists for Michigan residents. Students depending on

campus work study monies to pay off their account balance 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.





# 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, dialog, 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

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 the college and other Michigan institutions. Whether transferring to Rochester College or pursuing graduate studies or special majors at other Michigan colleges or universities, Rochester College students can be confident that their credits will be accepted.

## ACADEMIC CENTER FOR EXCELLENCE

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, troubled course grades, and a wide variety of special needs. The ACE lab, staffed by trained tutors and assistants, is located in the new Richardson Academic 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. Contact the Director of Supplemental Instruction for more information.

## ACADEMIC STATUS

**Academic Alert.** Freshmen whose cumulative GPA drops below 1.50 and sophomores, juniors, and seniors whose GPA drops below 2.00 are put on academic alert. Students are classified at the end of the semester in which they earn the number of credits required to advance: 30-sophomore, 60-junior, and 90-senior. Students on alert must spend a minimum of six hours per week in the ACE lab. They should also reduce their load to 12-15 hours, their employment to a maximum of 12 hours per week, and their participation in extracurricular activities. 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 who do not meet the above minimum standards the semester after being placed on academic alert are placed on academic probation. They must log a minimum of six hours per week with the ACE lab. They may not take more than 12 hours, and should reduce employment and extracurricular activities accordingly. They must

work closely with their instructors and advisors, and their 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. Upon successful completion of such course work, suspended students must follow the appeals process to recover full-time status.

Academic suspension is one semester in length. 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 Office of Academic Services, and written appeals must be submitted to the Registrar.

**Academic Renewal.** Previous Rochester College attendees with a GPA below 2.00 may request academic renewal. The student's last enrollment must be at least three years prior to renewal request. Up to 30 semester hours of Rochester College course work (grades D or F) may be disregarded in computing the GPA needed to earn a degree. Students

must apply for academic renewal before enrolling in courses. Academic renewal is granted only once.

**Major Transfer.** Transferees from a major in one field of study to another may petition to have the calculation of their graduation GPA based only on the program of current enrollment. Credit hours not counted toward GPA will not count toward degree requirements.

## 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.

## ATTENDANCE POLICY

Rochester College expects regular and punctual attendance, which is checked by each instructor and pertains to final course grades. Students are responsible for reading the attendance policy explained in each class syllabus.

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 a prolonged illness 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 deadline. Each drop form incurs a \$15 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 Office of Academic Services. Students must request a makeup within one week of the absence, or the instructor is not obligated to allow the makeup work.

## AUDIT

For a reduced fee, students may take a specific course without being responsible 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.

## **CHRISTIAN VALUES REQUIREMENT**

The Christian Values Requirement of the general education core (see page 53) consists of 16 semester hours for students pursuing the Bachelor's degree and 12 hours for those pursuing the Associate's degree.

Transfer students in the Bachelor's degree program must complete the following Christian Values Requirement. The "Credits Transferred" must be applicable to the chosen degree program.

## **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 Office of Academic Services for details and an application. Students receiving financial aid should also confer with the Office of Financial Aid, since guest enrollment may affect financial aid eligibility. Students who wish to take courses from both the College of Extended Learning and one of the traditional colleges should refer to the policies outlined on pages 171-72.

## **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 Office of Academic Services 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 dean of the appropriate college. 9 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.

Academic Services 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 Accommodations Office in Academic Services.

## **DUAL DEGREE**

Students are permitted to earn a second Bachelor's 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 major. 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 (SEM 1002)**

Since the Fall of 2003, Rochester College requires a two-hour Seminar for first-time Freshmen. For them, it replaces the area-specific ethics requirement in the Christian Values Core. The Seminar introduces new students to various faculty specialties and to the rigors of college life.

## GLOBAL EDUCATIONAL OPPORTUNITIES

Students may participate in a six-week summer or 15-week fall study-abroad program in Europe. The GEO program awards 6 to 15 hours of general education core credit, depending on the length of the program. The courses are based on each host country's literature, art, music, and culture. GEO credits apply toward all majors. Information regarding both programs will be available to all students during the Fall Semester. Applications may be obtained at GEO@rc.edu or from the GEO office located in Muirhead 113. A one-credit orientation course is required during the Spring semester.

## GRADES

Academic work appears as follows on grade reports and transcripts:

A	4.0 quality points per hour
A-	3.7 quality points per hour
B+	3.3 quality points per hour
B	3.0 quality points per hour
B-	2.7 quality points per hour
C+	2.3 quality points per hour
C	2.0 quality points per hour
C-	1.7 quality points per hour
D+	1.3 quality points per hour
D	1.0 quality points per hour
D-	0.7 quality points per hour
F	0.0 quality points per hour

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

- R Repeat - most recent grade used in GPA, all entries remain part of permanent record
- W Withdrawal - not calculated in GPA
- X Audit - not calculated in GPA

Withdrawals are noted as W on transcripts after the first week of classes.

Grade reports will be mailed to students at the end of each semester, and they will also be available on warriornet.rc.edu 24 hours after they have been posted. CEL students' grades are available after each session. See CEL student handbook for further information.

## GRADUATION

Rochester College holds commencement in December and May. Attendance is recommended but not required to graduate. A student may march even if certain degree requirements remain to be met as long as he or she is enrolled to complete the requirements before the start of the next full semester. A student may march in only one graduation ceremony. Students receiving Associates degrees do not participate in commencement ceremonies.

Each semester, students review their academic progress with their academic advisor. Students starting their final semester must submit an *Application for Graduation* to the Academic Services Office and pay the graduation fee. Application deadlines for December and May graduations are November 1 and March 1,

respectively. 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 graduation, or February 15 for a spring graduation. All financial obligations to the college must be fulfilled prior to graduation.

## HONORS

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. Academic renewal students may be considered for graduation honors upon completion of an additional 45 hours after academic renewal is granted. Honors are not available for A.A. or A.S. graduates.

## 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 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.

## 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 appropriate academic dean. Eligible students for independent study courses must not be on academic alert, must not be enrolled in their first term, and must receive permission from the instructor and the appropriate Academic Dean.

## NONTRADITIONAL CREDIT

**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's degree or 64 hours toward the Bachelor's 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. Students may take CLEP exams at other testing centers at any time. Contact the Director of Testing and Career Development in the Muirhead 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 Testing and Career Development in the Muirhead Center for information.

## REGISTRATION

Students are expected to register for classes before the semester registration deadline. A student's registra-

tion 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.

## 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 administrative approval, 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.

## TRANSCRIPTS

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.



# BACHELOR'S DEGREE OPTIONS

## **Bachelor of Arts (BA)**

Communication.....	62
English.....	66
History.....	71
Interdisciplinary Studies.....	77
Interdisciplinary Studies with Honors.....	79
Music.....	87

## **Bachelor of Business Administration (BBA)**

Accounting.....	105
Business Communication.....	106
Management.....	107
Marketing.....	108
Sports Management.....	109

## **Bachelor of Science (BS)**

Behavioral Science.....	58
Biblical Studies.....	93
Christian Ministry.....	94
Communication.....	62
Education, Elementary.....	116
English Education.....	67
History Education.....	72
Integrated Science Education.....	99
Language Arts Education.....	68
Mathematics Education.....	100
Social Studies Education.....	73
Education, Secondary.....	117
Biology Education.....	98
English Education.....	67
History Education.....	72
Mathematics Education.....	100
English.....	66
History.....	71
Interdisciplinary Studies.....	77
Mass Communication.....	63
Music.....	87
Professional Studies.....	75
Psychology.....	59
Technical and Professional Studies.....	76
Youth and Family Ministry.....	95

# 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

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 available at Rochester College should provide their academic advisors with a catalog from the other institution. They should do this early in the planning process. The student, however, 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's degree program:

1. Complete a minimum 120 semester hours, including at least 36 hours of upper-division work.
2. Achieve a minimum 2.00 cumulative GPA.
3. Complete at least 24 of their last 36 hours at Rochester College (12 of the last 18 for an Associates degree).
4. Demonstrate college-level writing proficiency by completing one of the following: ENG 1123 (at Rochester College) with a grade B- or above; the English Qualifying Exam (limited to two attempts) after completing 60 hours of course work (including ENG 1113 and 1123); or ENG 1133 with a grade B- or above; or ENG 4523 with a grade B- or above.

## TECHNICAL DEGREE OPTIONS

The Bachelor of Science (BS) degree with a major in technical and professional studies allows students to incorporate technical training from another institution (eg. a certificate program) into a bachelor's 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 Department of Philosophy and Interdisciplinary Studies, then it is not necessary to complete 24 of the last 36 hours at Rochester College (as normally stipulated, on p. 51).

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 Department of Philosophy and Interdisciplinary 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 the available options; these institutions may adjust their programs and offerings.

#### **At Macomb Community College:**

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

#### **At Oakland Community College:**

Automotive Servicing  
 Computer Aided Design / Drafting  
 Computer Aided Engineering Tech.  
 Comp. Hardware Engineer. Tech.  
 Criminal Justice  
 Electrical Trades Technology  
 Electronic Technology  
 Fire Fighter Technology  
 Landscape Design / Horticulture  
 Library Technical Assistant  
 Machine Tool / Welding Tech.  
 Conference and Court Reporting  
 Gerontology  
 Photographic Technology  
 Exercise Science and Technology  
 Pharmacy Technology

## **GENERAL EDUCATION**

To receive the Bachelor's degree, students must complete the General Education core. Alternate standards are listed on page 17 for transfer students holding the Associate's degree. Transfer student variations in the Christian Values Requirement are listed on page 44.

REQUIREMENTS FOR THE GENERAL EDUCATION CORE		
<b>Christian Values</b>		<b>16</b>
BIB 1013 Discovering the Old Testament	3	
BIB 1023 Discovering the New Testament	3	
BIB 2000 Level Textual	2	
Any other Religion (including PHI) 2000 or 3000 level and/or SOC 2453, ENG 2013	4	
PHI 4932 Introduction to Ethics	2	
SEM 1002 Freshman Seminar	2	
<b>Communication</b>		<b>9</b>
COM 1013 Communication Basics	3	
ENG 1113 Composition A	3	
ENG 1123 Composition B	3	
<b>Humanities</b>		<b>6</b>
Fine Arts Appreciation (from ART 2003; FLM 2013, 2423, MUS 2303; THE 2003)	3	
Literature (from ENG 2013, 2413, 3213, 3223, 3313, 3323)	3	
<b>Physical Education</b>		<b>2</b>
Any PED Activity Course <sup>1</sup>	2	
<b>Science and Mathematics</b>		<b>9</b>
Natural Science (must include one lab course)	6	
MAT 1103 or above <sup>2</sup>	3	
<b>Social Science</b>		<b>9</b>
Any HIS	3	
Any POS	3	
From BUS 2403, 2413; COM 3533; GEO 1013, 3113; any HIS; PHI 2013, 3923; any POS; PSY 2013, 2113, 2223; SOC 2013, 2023, 2033, 2453; SWK 2013	3	
<b>Total General Education Core</b>		<b>51</b>

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

<b>REQUIREMENTS FOR THE ASSOCIATE OF ARTS DEGREE</b>		
<b>Christian Values<sup>1</sup></b>		<b>12</b>
BIB 1013 and 1023 Discovering the Old Testament / New Testament	6	
BIB 2000 Level Textual and any other Religion (including PHI) 2000 or 3000 level and/or SOC 2453, ENG 2013	4	
SEM 1002 Freshman Seminar	2	
<b>Communication</b>		<b>9</b>
COM 1013 Communication Basics	3	
ENG 1113 and 1123 Composition A and Composition B	6	
<b>Humanities</b>		<b>6</b>
Fine Arts Appreciation (from ART 2003; FLM 2013, 2423, MUS 2303; THE 2003)	3	
Literature (from ENG 2013, 2413, 3213, 3223, 3313, 3323)	3	
<b>Physical Education</b>		<b>2</b>
Any PED Activity Course <sup>2</sup>	2	
<b>Science and Mathematics</b>		<b>9</b>
Natural Science (must include one lab course)	6	
MAT 1103 or above <sup>3</sup>	3	
<b>Social Science</b>		<b>9</b>
Any HIS and any POS	6	
From BUS 2403, 2413; COM 3533; GEO 1013, 3113; any HIS; PHI 2013, 3923; any POS; PSY 2013, 2113, 2223; SOC 2013, 2023, 2033, 2453; SWK 2013	3	
<b>Electives</b>		<b>17</b>
<b>TOTAL FOR ASSOCIATE OF ARTS</b>		<b>64</b>

<sup>1</sup> A portion of the twelve-hour requirement for the Associate's degree may be waived for transfer students. See page 44 for specific requirements.

<sup>2</sup> Veterans may satisfy this requirement through their basic training.

<sup>3</sup> 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.

<b>REQUIREMENTS FOR THE ASSOCIATE OF SCIENCE DEGREE</b>		
<b>Christian Values<sup>1</sup></b>		<b>12</b>
BIB 1013 and 1023 Discovering the Old Testament / New Testament	6	
BIB 2000 Level Textual and any other Religion (including PHI) 2000 or 3000 level and/or SOC 2453, ENG 2013	4	
SEM 1002 Freshman Seminar	2	
<b>Communication</b>		<b>9</b>
COM 1013 Communication Basics	3	
ENG 1113 and 1123 Composition A and Composition B	6	
<b>Humanities</b>		<b>6</b>
Fine Arts Appreciation (from ART 2003; FLM 2013, 2423, MUS 2303; THE 2003)	3	
Literature (from ENG 2013, 2413, 3213, 3223, 3313, 3323)	3	
<b>Physical Education</b>		<b>2</b>
Any PED Activity Course <sup>2</sup>	2	
<b>Science and Mathematics</b>		<b>11</b>
Laboratory Science Sequence	8	
MAT 1103 or above <sup>3</sup>	3	
<b>Social Science</b>		<b>9</b>
Any HIS, any POS, any Social Science (as defined in the AA plan)	9	
<b>Additional Science</b>		<b>14</b>
From BIO; CHE; MAT 1312 or above; and/or NSC; PHS		
<b>Electives</b>		<b>1</b>
<b>TOTAL FOR ASSOCIATE OF SCIENCE</b>		<b>64</b>

<sup>1</sup> A portion of the twelve-hour requirement may be waived for transfer students. See page 44.

<sup>2</sup> Veterans may satisfy this requirement through their basic training.

<sup>3</sup> Waived for Math ACT score of 25 or above and replaced with electives.





# COLLEGE OF ARTS AND SCIENCES

Jennifer Hamilton

*Dean*

John Barton

*Associate Dean*



## DEPARTMENT OF BEHAVIORAL SCIENCES (PSY, SOC, SWK)

Sonja Chisolm, Pam Cox, Gordon MacKinnon  
(Chair), Sarah Reddick, Debra Rutledge, Brian  
Stogner

### MISSION STATEMENT

The Department of Behavioral Sciences supports majors designed for the student planning 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 exist to prepare students for the field of social service. Courses place an emphasis on the Christian model of service.

### ACADEMIC OPPORTUNITIES

Rochester College offers the Bachelor of Science degree with a psychology major or behavioral science major, which includes tracks in counseling and social work. Interdisciplinary studies majors may choose a behavioral science concentration as part of the Bachelor of Science degree. Minors are available in behav-

ioral science, counseling, psychology, and social work.

### CAREER OPPORTUNITIES

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 may also be used

to prepare 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 employers in sales, public relations, or other human services and resources.

## DEGREE REQUIREMENTS

**BS with Behavioral Science Major.** Features tracks in counseling or social work. Both tracks include practicums 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

<b>Behavioral Science Major</b>		<b>26</b>
PSY 2013 General Psychology	3	
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	
Choose one: PSY 4493 Field Practicum SWK 4893 Field Practicum	3	
PSY 4942 Ethics in Behavioral Science	2	
<b>Track: choose one</b>		
Counseling Track: PSY 3033 Abnormal Psychology PSY 3313 Introduction to Psychological Assessment PSY 3413 Substance Abuse and Addictive Behaviors PSY 4403 Introduction to Career Development and Guidance PSY 4413 Introduction to Marital and Family Systems PSY 4423 Psychology of Group Processes	18	

Social Work Track: 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	18	
<b>Minor (recommended)</b>		<b>18</b>
<b>Electives</b>		<b>15</b>
<b>TOTAL FOR BEHAVIORAL SCIENCE MAJOR</b>		<b>128</b>

**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.

<b>REQUIREMENTS FOR THE BS IN PSYCHOLOGY</b>		
<b>General Education Core</b>		<b>51</b>
<b>Psychology Major</b>		<b>38</b>
PSY 2013 General Psychology	3	
PSY 3303 Statistics for the Behavioral Sciences	3	
PSY 3323 Research Methods in the Social Sciences	3	
PSY 4893 Psychology Seminar	3	
Non-Laboratory Core		
Choose nine 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 3053 Health Psychology 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 4403 Introduction to Career Development and Guidance PSY 4911, 4912, or 4913 Directed Research Other PSY approved by Department Chair	8	
PSY 4942 Ethics in Behavioral Science	2	
<b>Minor (recommended)</b>		<b>18</b>
<b>Electives</b>		<b>21</b>
<b>TOTAL FOR PSYCHOLOGY MAJOR</b>		<b>128</b>

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

**Counseling Minor.** Requires 12 hours of PSY or SOC; and six hours selected from MIN 3613; PSY 3403, 3413, 4403, 4413, 4423; 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 (COM, FLM, JRN, MED, RHE)

John Barton (Chair), Kent Hoggatt, Andrew Kronenwetter

## MISSION STATEMENT

The Department of Communication provides programs and courses designed 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 also promote the intersection of faith and learning, acquainting students with the ways modern philosophies and popular thinking coincide and/or conflict with Christian thought. Students will be fully equipped with the skills necessary for a successful life in the home, church, and workplace, and will be prepared for the rigors of graduate school.

## ACADEMIC OPPORTUNITIES

The Department of Communication offers the BA and BS in Communication with tracks in Media, Speech Communication. The Department also offers the BS in Mass Communication, through an articulation agreement with the Specs Howard School of Broadcast Arts. A concentration in Communication is also offered in the Interdisciplinary Studies major.

## CAREER OPPORTUNITIES

The world of work holds many opportunities for communication graduates, including public relations, human resources, media production, and education. Communication proficiency is a valuable personal asset, and prepares communication graduates to be attractive candidates for positions in many different fields outside the communication realm.

## 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, speech communication, or theatre.

<b>REQUIREMENTS FOR THE BA / BS IN COMMUNICATION</b>		
<b>General Education Core</b>		<b>51</b>
<b>Communication Major</b>		<b>30</b>
COM 2513 Communication Theory	3	
COM 4943 Communication Ethics	3	
Speech Communication Core: Select 6 hours from any COM or RHE (excluding COM 1013)	6	
Media Core: Select 6 hours from MED, FLM, or JRN	6	
Theatre Core: Select 6 hours from THE	6	
Rhetoric Core: Select 6 hours from RHE	6	
<b>Track: choose one</b>		<b>15</b>
Media Track: Select 12 additional hours from the FLM, JRN, MED, and/or COM 2613 Introduction to Public Relations MED 4813 Senior Project in Media	15	
Speech Communication Track: Select 12 additional hours from COM and/or RHE COM 4813 Senior Project in Speech Communication	15	
Theatre Track: Select 12 additional hours from THE THE 4813 Senior Project in Theatre	15	
<b>Foreign Language (BA program only)</b>		<b>8</b>
<b>Minor (recommended)</b>		<b>18</b>
<b>Electives</b>		<b>6-14</b>
<b>TOTAL FOR COMMUNICATION MAJOR</b>		<b>128</b>

**Note:** Students must take MED 3233, MED 3633, or RHE 3333 in the track or core.

**BS with Mass Communication Major.** Provides students with an introduction to radio and video production, allows for the selection of a specialized track in intensive technical training in either radio or video production, and also provides in-depth explorations of theory and scholarship in media.

Students pursuing the Bachelor of Science in Mass Communication 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.

This component of the curriculum includes the Radio and Television Broadcasting Course with either the radio or video concentration. 24 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. 36 semester hours will be awarded by Rochester College to the student for completion of this curriculum component.

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.

<b>REQUIREMENTS FOR THE BS IN MASS COMMUNICATION</b>		
<b>General Education Core</b>		<b>51</b>
<b>Mass Communication Major</b>		<b>39</b>
Communication Core		
COM 2513 Communication Theory		3
RHE 2223 Public Speaking		3
THE 3313 Oral Interpretation of Literature		3
COM 4893 Internship		3
Media Core		
MED 2013 Introduction to Mass Communication		3
MED 2513 Media Writing		3
MED 3013 Media Theory		3
MED 3323 Research Methods in Media		3
Any MED, JRN, or FLM course		3
Production Core at Specs Howard		
RTB 1116 Broadcasting I		6
RTB 1126 Broadcasting II		6



<b>Production Track: choose one</b>		<b>12</b>
Radio Production Track at Specs Howard		
RTB 1216 Radio Production I	6	
RTB 1226 Radio Production II	6	
Video Production Track at Specs Howard		
RTB 1316 Video Production I	6	
RTB 1326 Video Production II	6	
<b>Minor (recommended)</b>		<b>18</b>
<b>Electives</b>		<b>8</b>
CIS 1102 Software Applications of Computers (recommended)	2	
<b>TOTAL FOR MASS COMMUNICATION MAJOR</b>		<b>128</b>

**Communication Minor.** Requires 18 hours of COM, FLM, MED, RHE, and/or THE, excluding COM 1013, with at least six upper-division hours.

## **DEPARTMENT OF ENGLISH AND FOREIGN LANGUAGE (ENG, FRE, GER, SPA)**

Thomas Golden, Jennifer Hamilton, Debbie Haskell, Pamela Light (Chair), Anne Nichols, Zachary Watson

### **MISSION STATEMENT**

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 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**

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, courses which prepare students to write for the media, publications, or 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 con-

centrations. 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**

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 as-

set. 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

**BA/BS with English Major.** Includes a track in Literature or Professional Writing.

<b>REQUIREMENTS FOR THE BA / BS IN ENGLISH</b>		
<b>General Education Core</b>		<b>51</b>
<b>English Major</b>		<b>28</b>
ENG 2000 level or above	6	
ENG 2413 World Literature	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	
<b>English Track: choose one</b>		
Literature Track		
ENG 3000 level or above Literature	9	

Professional Writing Track		9
Choose 9 hours:		
ENG 3523 Creative Writing		
ENG 3533 Technical Writing		
ENG 3613 Introduction to Linguistics		
ENG 4523 Advanced Composition		
JRN 1101 Newspaper Journalism <sup>1</sup>		
JRN 2101 Yearbook Journalism <sup>1</sup>		
MED 2513 Media Writing		

<b>Foreign Language (BA program only)</b>	<b>8</b>
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<b>Minor (recommended)</b>	<b>18</b>
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<b>Electives</b>	<b>14-22</b>
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<b>TOTAL FOR ENGLISH MAJOR</b>	<b>128</b>
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**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

<b>General Education Core</b>	<b>51</b>
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<b>English Education Major</b>		<b>43</b>
ENG 2113 Approaches to Grammar	3	
ENG 2413 World Literature	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	

<sup>1</sup> A maximum of three hours of JRN 1101 and/or JRN 2101 may be applied toward the writing track.

Choose one: ENG 4713 Studies in Genre: Novels 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 Education) RDG 3413 Adolescent Literature (for Secondary Education)	3	
Choose one: RDG 4503 Methods and Assessment Strategies in Language Arts Education (for Elementary Education) RDG 4603 Methods and Assessment Strategies in English Education (for Secondary Education)	3	
<b>Minor</b>		<b>22-27</b>
<b>Professional Studies</b>		<b>36</b>
<b>TOTAL FOR ENGLISH EDUCATION MAJOR</b>		<b>152-157</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

<b>General Education Core</b>		<b>51</b>
<b>Language Arts Education Major</b>		<b>36</b>
COM 2513 Communication Theory	3	
COM 3533 Intercultural Communication	3	
ENG 2113 Approaches to Grammar	3	
ENG 2413 World Literature	3	
ENG 3613 Introduction to Linguistics	3	
ENG 4523 Advanced Composition	3	
MED 3633 Media Criticism	3	
RDG 3313 Children's Literature	3	
RDG 3413 Adolescent Literature	3	

RDG 4453 Writing Workshop	3	
RDG 4503 Methods and Assessment Strategies in Language Arts Education	3	
THE 3113 Theatre for Young Audiences	3	
<b>Elementary Education Minor</b>		<b>23</b>
<b>Professional Studies</b>		<b>36</b>
<b>TOTAL FOR LANGUAGE ARTS EDUCATION MAJOR</b>		<b>146</b>

**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, ENG 3003, FLM 2013, or MUS 2303; and six upper-division hours of either COM or ENG.

**Professional Writing Minor.** Requires ENG 1123, 2113; and 12 hours from ENG 3523, 3533, 3613, 4533, and 4523.

# DEPARTMENT OF HISTORY AND POLITICAL SCIENCE (GEO, HIS, POS)

David Greer, Michael Light, John Todd (Chair)

## MISSION STATEMENT

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

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

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.

<b>REQUIREMENTS FOR THE BA / BS IN HISTORY</b>	
<b>General Education Core</b>	<b>51</b>
<b>History Major</b>	<b>42</b>
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: CHS 3703 Survey of Church History 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 America in World Crises HIS 4323 Twentieth Century Europe HIS 4513 American Civil War HIS 4523 Cold War America HIS 4613 Selected Topics in History	21
<b>Foreign Language (BA program only)</b>	<b>8</b>
<b>Minor (recommended)</b>	<b>18</b>
<b>Electives</b>	<b>9-17</b>
<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.

<b>REQUIREMENTS FOR THE BS IN HISTORY EDUCATION</b>	
<b>General Education Core</b>	<b>51</b>
<b>History Education Major</b>	<b>42</b>
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 St Education (for Elementary Education) HIS 4603 Methods and Assessment Strategies in History and Social Studies Education (for Secondary Edu)	3
HIS 4813 Senior Project in History	3
Choose 12 hours: CHS 3703 Survey of Church 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 America in World Crises HIS 4323 Twentieth-Century Europe HIS 4513 American Civil War HIS 4523 Cold War America HIS 4613 Selected Topics in History	12
<b>Minor</b>	<b>22-24</b>
<b>Professional Studies</b>	<b>36</b>
<b>TOTAL FOR HISTORY EDUCATION MAJOR</b>	<b>151-153</b>

**BS with Social Studies Education Major.** Students may seek teacher certification at the elementary level with the Social Studies Education major. Students choose the Elementary Education minor.

<b>REQUIREMENTS FOR THE BS IN SOCIAL STUDIES EDUCATION</b>	
<b>General Education Core</b>	<b>51</b>
<b>Social Studies Education Major: hours</b>	<b>39</b>
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	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
<b>Elementary Education Minor</b>	<b>24</b>
<b>Professional Studies</b>	<b>36</b>
<b>TOTAL FOR SOCIAL STUDIES EDUCATION DEGREE</b>	<b>150</b>

**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, 4603; and six hours from CHS 3703, HIS 3313, 3323, 3513, 3523, 3533, 3543, 3553, 4323, 4513, 4523, or 4613.

**Prelaw 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 INTERDISCIPLINARY STUDIES AND PHILOSOPHY (IDS, PHI)

John Barton (Chair)

## MISSION STATEMENT

The Department of Interdisciplinary Studies and Philosophy seeks to provide a broader range of opportunities than is typically available in most degree programs, including opportunities to study in more than one academic field.

## ACADEMIC OPPORTUNITIES

The Bachelor of Science or Bachelor of Arts degrees feature majors in professional and/or technical studies which allows students to combine two professional/technical areas of study, or to combine one professional/technical area of study with another area from the liberal arts and sciences. A wide selection of technical concentrations can also be chosen from certificate programs at other local colleges, such as Oakland Community College and Macomb Community College (see page 52).

The Bachelor of Arts/Science degrees feature majors in interdisciplinary studies which allow students to combine two or more areas of study from the arts and sciences into one degree. Interdisciplinary programs are the result of profound changes taking place across the spectrum of academic disciplines. Advances in science and technology, along with such realities as globalization and multi-

culturalism, 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, and to navigate the interrelationships of different disciplines. The BA/BS in Interdisciplinary Studies provides an opportunity for this by allowing students to choose different disciplines of study which are tied together by a specifically designed Interdisciplinary core.

## CAREER OPPORTUNITIES

Interdisciplinary studies majors enjoy a variety of career options. For example, the student who majors in professional/technical studies can develop a wide variety of resources and skills that are valued by employers. The degree is also valuable for those interested in interdisciplinary occupations such as those of management, human resources, industrial psychology, or vocational ministry.

In addition, the liberal arts opportunities in this degree plan also offer students with professional interests an opportunity to develop reasoning, speaking, and writing skills sought by many employers.

In addition to the opportunities listed above, the BA/BS in Interdisciplinary Studies offers other options as

well. For example, with the right combination of concentrations, this degree can prepare students to enter graduate programs beyond the bachelor's level (e.g. law, medicine, business, philosophy, seminary). The BA also offers an Honors Track for the qualifying student.

## DEGREE REQUIREMENTS

**BS with Professional Studies Major.** Allows students to select two areas of study from several degree concentrations with a professional emphasis.

REQUIREMENTS FOR THE BS IN PROFESSIONAL STUDIES		
<b>General Education Core</b>		<b>51</b>
<b>Liberal Arts Core</b>		<b>15</b>
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.		
<b>Professional Studies Major</b>		<b>48</b>
First Area of Concentration: 24 hours. Must include at least 8 Upper-Division hours, and be selected from the following concentration options:		
Communication	Professional Writing	Management
General Science	Mathematics	Sports Management
Behavioral Science	Business	Religion
Second Area of Concentration: 24 hours. Must include at least 8 Upper-Division hours, and be selected from the following concentration options:		
Behavioral Science	Business	
Management	Sports Management	
<b>Electives</b>		<b>14</b>
<b>TOTAL FOR PROFESSIONAL STUDIES MAJOR</b>		<b>128</b>

**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.

<b>REQUIREMENTS FOR THE BS IN TECHNICAL AND PROFESSIONAL STUDIES</b>			
<b>General Education Core</b>		<b>51</b>	
<b>Liberal Arts Core</b>		<b>15</b>	
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.			
<b>Technical and Professional Studies Major</b> <span style="float: right;"><b>hours will vary</b></span>			
First Area of Concentration: 24 hours. Must include at least 8 Upper-Division hours, and be selected from the following concentration options:			
Communication	Professional Writing		Management
General Science	Mathematics		Sports Management
Behavioral Science	Business		Religion
Second Area of Concentration: at least 24 hours. This concentration must be selected from recognized certificate 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.			
<b>Electives</b>		<b>hours will vary</b>	
<b>TOTAL FOR TECHNICAL AND PROFESSIONAL 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>		
<b>General Education Core</b>		<b>51</b>
<b>Interdisciplinary Studies Core</b>		<b>15</b>
PHI 2013 Introduction to Philosophy	3	
Any Upper-Division PHI courses	6	
Any Upper-Division courses from two other liberal arts areas not including courses from the first and second concentration. General education hours may not be used to meet this requirement.	6	
<b>Interdisciplinary Studies Major</b>		<b>48</b>
First Area of Concentration: 24 hours. Must include at least 8 hours of Upper-Division credits, and must be selected from the following concentration options:		
Communication	Literature	Professional Writing
General Science	Mathematics	Religion
History	Music	Pre-Law
Second Area of Concentration: 24 hours. Must include at least 8 Upper-Division hours, and be selected from the following concentration options:		
Behavioral Science	Literature	Professional Writing
Business	Management	Religion
Communication (BA only)	Mathematics	Sports Management
General Science	Music (BA only)	
History (BA only)	Pre-Law (BA only)	
<b>Foreign Language (BA program only)</b>		<b>8</b>
<b>Electives</b>		<b>6-14</b>
<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

<b>General Education Core</b>		<b>51</b>
These core requirements are flexible, but must include:		51
Christian Values Core	16	
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.		
<b>Interdisciplinary Studies Core</b>		<b>15</b>
PHI 2013 Introduction to Philosophy	3	15
Any Upper-Division PHI courses	6	
Any Upper-Division courses from two other liberal arts areas not including courses from the first and second concentration. General education hours may not be used to meet this requirement.	6	
<b>Foreign Language</b>		<b>8</b>
<b>Self-Designed Program</b>		<b>54</b>
At least 42 hours of the self-designed program must be Upper-Division hours.		54
<b>TOTAL FOR INTERDISC. STUDIES WITH HONORS</b>		<b>128</b>

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



## Interdisciplinary Concentrations

<b>Behavioral Science Concentration</b>		<b>24</b>	
PSY 2013 General Psychology	3		
Choose one: PSY 2223 Life Span Development PSY 2113 Psychology of Adjustment	3		
Choose one: PSY 3013 Psychology of Personality PSY 3093 History and Systems of Psychology	3		
PSY 3033 Abnormal Psychology	3		
Choose one: PSY 3053 Health Psychology PSY 3413 Substance Abuse and Addictive Behaviors PSY 3423 Diversity and Cross-Cultural Psychology PSY 4403 Introduction to Career Development and Guidance PSY 4413 Introduction to Marital and Family Systems PSY 4423 Psychology of Group Processes	3		
PSY 3403 Introduction to Psychotherapy and Counseling	3		
Choose one: SOC 2013 Introduction to Sociology SOC 2023 Social Problems SOC 2453 Marriage and the Family	3		
Choose one: SWK 2013 Introduction to Social Work SWK 3003 Human Behavior and the Social Environment	3		
<b>Business Concentration</b>			<b>24</b>
ACC 2113 Accounting I	3		
ACC 2123 Accounting II	3		
Choose one: BUS 2403 Macroeconomics BUS 2413 Microeconomics	3		
BUS 3003 Business Communication	3		
BUS 3203 Principles of Finance	3		
Choose one: BUS 3303 Business Law I BUS 3313 Business Law II	3		
MGT 2603 Principles of Management	3		
MKT 2503 Principles of Marketing	3		

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

<b>General Science Concentration</b>		<b>24</b>
Select one Laboratory Science sequence (another sequence must be included in the General Education Core): BIO 1014 and 1024 Biological Science with Lab 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 2114 Human Anatomy and Physiology II BIO 2224 Introductory Botany and Zoology BIO 3213 General Ecology BIO 3324 Microbiology BIO 3413 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	

<b>History Concentration</b>		<b>24</b>
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: CHS 3703 Survey of Church History 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 America in World Crises HIS 3813 Historical Research and Writing HIS 4323 Twentieth Century Europe HIS 4513 American Civil War Era HIS 4523 Cold War America HIS 4613 Selected Topics in History HIS 4813 Senior Project in History	15	
<b>Literature Concentration</b>		<b>24</b>
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	

<b>Management Concentration</b>		<b>24</b>
MGT 2603 Principles of Management	3	
Choose seven: MGT 3603 Organizational Behavior MGT 3613 Human Resource Management MGT 3623 Human Relations in the Workplace MGT 3643 Labor Relations MGT 3653 Leadership Theory MGT 3683 Small Business Management MGT 3693 Current Topics in Management MGT 3703 Management Information Systems MGT 3713 Operations Management	21	

<b>Mathematics Concentration</b>		<b>24</b>
MAT 1335 Pre-Calculus	5	
MAT 2515 Calculus and Analytic Geometry I	5	
MAT 2524 Calculus and Analytic Geometry II	4	
MAT 3534 Calculus and Analytic Geometry III	4	
Choose two (must include at least one Upper-Division course): MAT 1213 Fine Mathematics MAT 2413 Elementary Statistics MAT 3613 Linear Algebra MAT 3623 Differential Equations	6	
Students entering with Advanced Placement credit in Calculus who wish to pursue a Mathematics concentration must take the following 20 hours: MAT 1213, 2413, 2524, 3534, 3613, and 3623.		

<b>Music Concentration</b>		<b>24</b>
MUS 1211 Ear Training I and MUS 1213 Theory I	4	
MUS 1221 Ear Training II and MUS 1223 Theory II	4	
Choose 10 hours from MUS at the 3000 or 4000 level.	10	
MUS 3313 History of Western Music I	3	
MUS 3323 History of Western Music II	3	

<b>Pre-Law Concentration</b>		<b>24</b>
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	

<b>Professional Writing Concentration</b>		<b>24</b>
ENG 2113 Approaches to Grammar	3	
ENG 3513 Critical Writing and Literary Analysis	3	
ENG 3523 Creative Writing	3	
ENG 3533 Technical Writing	3	
ENG 3613 Introduction to Linguistics	3	
ENG 4523 Advanced Composition	3	
ENG 4533 Senior Writing Project	3	
MED 2513 Media Writing	3	

<b>Religion Concentration</b>		<b>24</b>
BIB 2983 Biblical Interpretation	3	
BIB 3000 or above Textual	6	
Choose one: CHS 3703 Survey of Church History CHS 3733 History of the Restoration Movement CHS 3743 History of American Religions	3	
DOC 4963 Systematic Christian Doctrine	3	
Choose nine hours from any CHS, DOC, or MIN courses	9	

<b>Sports Management Concentration</b>		<b>24</b>
SMG 3003 Sports Marketing	3	
SMG 3013 History and Philosophy of Sports	3	
SMG 3023 Recreation Management	3	
SMG 3223 Principles and Practices of Sports Administration	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	

# DEPARTMENT OF MUSIC, THEATRE, AND VISUAL ARTS (ART, MUS, THE)

Joe Bentley (Chair), Catherine Parker, Frank Pitts, Lisa Agazzi, Gale Edwards, Lorrie Gunn, Mary Irvine, Don Platter, David Pyrek, Jean Randall, Todd Sager, August Thoma, Diane Walsh, Hye Yoon.

## MISSION STATEMENT

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.

In the Visual Arts, the department strives to instill an appreciation of various modes of artistic expression as a means of honoring the Creator of the universe and as preparation for advanced work in the field. The department is designed to meet the needs of the art major as well as the individual who seeks personal development through artistic creation.

## ACADEMIC OPPORTUNITIES

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's 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 p.62).

Art courses serve as a platform 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

Music education students typically certify to become music teachers, choral directors, or band/orchestra directors at elementary and secondary schools. Students who emphasize the 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 manag-

ers, 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.

## MUSIC DEGREE REQUIREMENTS

### BA/BS with Music Major.

REQUIREMENTS FOR THE BA / BS IN MUSIC		
<b>General Education Core</b>		<b>51</b>
<b>Music Major</b>		<b>52</b>
Choose 2 hours: MUS 1101 A Cappella Chorus MUS 1121 Autumn MUS 1131 Ekklesia 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 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	



MUS 4203 Counterpoint or MUS 4213 Arranging and Scoring	3	
MUS 4601 Senior Seminar in Music	1	
Major Instrument or Voice	8	
Minor Instrument or Voice	4	
<b>Foreign Language (BA program only)</b>		<b>8</b>
<b>Electives</b>		<b>17-25</b>
<b>TOTAL FOR MUSIC MAJOR</b>		<b>128</b>

**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.

## MUSIC REQUIREMENTS

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 C 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 should complete a senior project as part of their degree program. Students who concentrate in performance should perform a full-length recital to be supervised by the applied instructor. Those who emphasize music education or music ministry majors may elect to write and present a scholarly paper di-

rected by the chair of the music department, or may perform a half recital alone or in collaboration with other students to be supervised by the applied instructor.

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 p.62 for information regarding the theatre core and track for the de-

gree in communication. Student 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:

THE 1411 Stagecraft

THE 1421 Theatre Workshop

THE 1431 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 PHYSICAL EDUCATION (PED)**

Eric Diehl, George Evjen, Garth Pleasant (Chair)

## **MISSION STATEMENT**

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**

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.

## **CAREER OPPORTUNITIES**

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.

## **RELATED FACILITIES**

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 and Swimming and Water Safety.

# DEPARTMENT OF RELIGION AND BIBLE (BIB, CHS, GRE, HEB, MIN, REL)

John Barton, Craig Bowman, David Fleer,  
Rex Hamilton, Keith Huey (Chair),  
Gregory Stevenson, Melvin Storm

## MISSION STATEMENT

The Department of Religion and Bible provides formal instruction in the Bible and religious topics in order to encourage all students to pursue Christian faith, values, and service, and to prepare students for a vocation in Christian ministry.

## ACADEMIC OPPORTUNITIES

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

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

**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's degree level.

<b>REQUIREMENTS FOR THE BS IN BIBLICAL STUDIES</b>	
<b>General Education Core<sup>1</sup></b>	<b>51</b>
<b>Biblical Studies Major</b>	<b>41</b>
BIB 3000 or 4000 level textual with both Old and New Testament courses included (3 hours must be 4000 level)	14
Choose one: BIB 4193 History and Theology of the Old Testament BIB 4293 History and Theology of the New Testament	3
CHS 3703 Survey of Church History	3
Choose one: CHS 3733 History of the Restoration Movement CHS 3743 History of American Religions CHS 3753 History and Formation of the Bible	3
GRE 1214 Elementary Greek I	4
GRE 1224 Elementary Greek II	4
MIN 3323 Introduction to Preaching	3
MIN 3533 History and Theology of Preaching	3
REL 4811 Senior Seminar in Religion	1
REL 4963 Systematic Christian Doctrine	3
<b>Additional Language Track: choose one</b>	<b>7-8</b>
Greek Language Track	
GRE 3314 Intermediate Greek Grammar	4
Choose one: 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
<b>Minor (recommended)</b>	<b>18</b>
<b>Electives</b>	<b>10-11</b>
<b>TOTAL FOR BIBLICAL STUDIES MAJOR</b>	<b>128</b>

<sup>1</sup> In the Christian Values unit of general education, Biblical Studies majors must take BIB 1013, 1023, 2983, MIN 2513, and PHI 4942. 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**

<b>General Education Core<sup>2</sup></b>	<b>51</b>
<b>Christian Ministry Major</b>	<b>47</b>
BIB 3000 or 4000 level textual with both Old and New Testament courses included (3 hours must be 4000 level)	8
CHS 3703 Survey of Church History	3
Choose one: CHS 3733 History of the Restoration Movement CHS 3743 History of American Religions CHS 3753 History and Formation of the Bible	3
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 Strategy for Missions and Ministry	3
MIN 3613 Counseling for Ministers	3
MIN 3623 The Church and Society	3
MIN 4533 History and Theology of Preaching	3
MIN 4873 Internship	3
REL 4811 Senior Seminar in Religion	1
REL 4963 Systematic Christian Doctrine	3
<b>Minor (recommended)</b>	<b>18</b>
<b>Electives</b>	<b>12</b>
<b>TOTAL FOR CHRISTIAN MINISTRY MAJOR</b>	<b>128</b>

<sup>2</sup> In the Christian Values unit of general education, Biblical Studies majors must take BIB 1013, 1023, 2983, MIN 2513, PHI 4942. PSY 2013 is required in the Social Science unit.

**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**

<b>General Education Core<sup>3</sup></b>	<b>51</b>
<b>Youth and Family Ministry Major</b>	<b>47</b>
BIB 3000 or 4000 level textual with both Old and New Testament courses included (3 hours must be 4000 level)	8
CHS 3703 Survey of Church History	3
Choose one: CHS 3733 History of the Restoration Movement CHS 3743 History of American Religions CHS 3753 History and Formation of the Bible	3
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 3363 Family Life Ministry	3
MIN 3423 Issues in Culture and Evangelism	3
MIN 4873 Internship	3
PSY 3213 Adolescent Development	3
REL 4811 Senior Seminar in Religion	1
REL 4963 Systematic Christian Doctrine	3
<b>Minor (recommended)</b>	<b>18</b>
<b>Electives</b>	<b>12</b>
<b>TOTAL FOR YOUTH AND FAMILY MINISTRY MAJOR</b>	<b>128</b>

<sup>3</sup> In the Christian Values unit of general education, Biblical Studies majors must take BIB 1013, 1023, 2983, MIN 2513, and PHI 4942. PSY 2013 is required in the Social Science unit.



**Biblical Language Minor.** Requires GRE 1214, 1224, HEB 1214, 1224, and one additional GRE or HEB.

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

**Greek Minor.** Requires GRE 1214, 1224, 3314, 3413, and 3423.

**Religion Minor.** Requires BIB 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 (BIO, CHE, MAT, NSC, PHS)

David Brackney (Chair), Kimberly Morgan, Michael Muhitch, Gary Turner, Vivian Turner, Carol VanHooser

### MISSION STATEMENT

The Department of Science and Mathematics exists to provide entry-level 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 role in the creation and 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

The Department of Science offers an Integrated Science major, 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 concentration is available to students majoring in Interdisciplinary Studies. A General Science or Biology minor may be combined with any academic major.

The following options are available to students who are interested in studying mathematics at Rochester College:

- Students may certify to teach mathematics at the elementary or secondary level.
- Students may 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's degree through another department and select mathematics as a minor.

### CAREER OPPORTUNITIES

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 math-

ematical 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

**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.

<b>REQUIREMENTS FOR THE BS IN BIOLOGY EDUCATION</b>		
<b>General Education Core</b>		<b>51</b>
<b>Biology Education Major</b>		<b>39</b>
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 3413 Genetics	3	
BIO 4603 Methods and Assessment Strategies in Biology Education	3	
NSC 3114 Earth's Waters	4	
NSC 4612 Senior Seminar	2	
<b>Minor</b>		
<b>Additional Required Support Courses</b>		<b>8</b>
<b>Professional Studies</b>		<b>36</b>
<b>TOTAL FOR BIOLOGY EDUCATION DEGREE</b>		<b>156-161</b>

**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.

<b>REQUIREMENTS FOR THE BS IN INTEGRATED SCIENCE EDUCATION</b>	
<b>General Education Core</b>	<b>51</b>
<b>Integrated Science Education Major <sup>1</sup></b>	<b>44</b>
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
<b>Elementary Education Minor</b>	<b>21</b>
<b>Professional Studies</b>	<b>34</b>
<b>TOTAL FOR INTEGRATED SCIENCE EDUCATION MAJOR</b>	<b>150</b>

<sup>1</sup> MAT 1335 Pre-Calculus is a required support course for the Integrated Science Education major.

**BS with Elementary Math Education Major<sup>1</sup>.** 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**

<b>General Education Core</b>	<b>51</b>
<b>Elementary Math Education Major</b>	<b>36</b>
MAT 1335 Pre-Calculus	5
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 2515 Calculus and Analytic Geometry I	5
MAT 3333 Algebraic, Proportional, and Mathematical Reasoning	3
MAT 3343 Geometry and the Elementary Teacher	3
MAT 4342 Technology in the Elementary Math Classroom	2
MAT 4503 Methods & Assessment Strats in Elem Math Educ	3
MAT 4963 Senior Math Seminar	3
<b>Elementary Education Minor</b>	<b>21</b>
<b>Professional Studies</b>	<b>36</b>
<b>TOTAL FOR ELEMENTARY MATH EDUCATION MAJOR</b>	<b>144</b>

**BS with Secondary Math Education Major.<sup>1</sup>** Students may seek teacher certification at the secondary level with the Secondary Math Education major. Students may choose a subject content area from biology, English or history.

**REQUIREMENTS FOR THE BS IN  
SECONDARY MATH EDUCATION**

<b>General Education Core</b>	<b>51</b>
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<sup>1</sup> Under review by the Michigan Department of Education.

<b>Secondary Math Education Major</b>		<b>37</b>
MAT 2233 Finite Mathematics	3	
MAT 2413 Elementary Statistics	3	
MAT 2515 Calculus and Analytic Geometry I	5	
MAT 2524 Calculus and Analytic Geometry II	4	
MAT 3303 Modern Algebra	3	
MAT 3534 Calculus and Analytic Geometry III	4	
MAT 3613 Linear Algebra	3	
MAT 4603 Methods & Assessment Strats in Secondary Math Edu	3	
MAT 4653 College Geometry	3	
MAT 4953 Senior Math Seminar	3	
<b>Minor</b>		<b>22-27</b>
<b>Professional Studies</b>		<b>36</b>
<b>TOTAL FOR SECONDARY MATH EDUCATION MAJOR</b>		<b>146-151</b>

**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 Education Minor.** BIO 1014, 1024, 2013, 2224, 3324, and 3413.

**Mathematics Minor.** Requires 12 hours of MAT above 1103, including MAT 2515 and 2524, and six hours of upper-division MAT.

**Mathematics Education Minor.**<sup>1</sup> MAT 2223, 2413, 2515, 2524, 3303 or 3623, 3613, 4653.

<sup>1</sup> Under review by the Michigan Department of Education.



# COLLEGE OF BUSINESS AND PROFESSIONAL STUDIES

Jeffery Simmons  
*Dean*



**SCHOOL OF BUSINESS (ACC, BUS, CIS, FIN,  
MGT, MKT, SMG)**

Jeff Cohu, Dannette Hardman, David Hutson, Larry Norman, Joseph Reddick, Scott Samuels, Jeffery Simmons (Chair)

## **MISSION STATEMENT**

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**

Students who seek the Bachelor of Business Administration degree may choose a major in accounting, business communication, management, marketing, or sports management. 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 sports management are also available.

## **CAREER OPPORTUNITIES**

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

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
  - CIS 1102 Software App or waiver<sup>2</sup>
  - BUS 2403 Macroeconomics\*
  - BUS 2413 Microeconomics\*
  - ACC 2113 Accounting I\*
  - ACC 2123 Accounting II\*
  - MAT 1103 Interm 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 the Personal Background and Professional & 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.

<sup>2</sup>CIS 1102 Software Applications may be waived by attaining a passing score on a standardized tool known as Assess IT, which is designed to assess a student's knowledge of computer applications.

## 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.

<b>General Education Core</b>		<b>51</b>
<b>Business Core</b>		<b>41</b>
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	
BUS 3203 Principles of Finance	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	
MAT 2413 Elementary Statistics	3	
MGT 2603 Principles of Management	3	
MKT 2503 Principles of Marketing	3	
<b>Accounting Major</b>		<b>26</b>
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 3243 Taxation	3	
ACC 4133 Advanced Accounting	3	
ACC 4222 Accounting Seminar	2	
ACC 4313 Accounting Theory	3	

<b>Electives</b>		<b>10</b>
BUS 3313 Business Law II (recommended)		

<b>TOTAL FOR ACCOUNTING MAJOR</b>		<b>128</b>
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**BBA with Business Communication Major.** Provides management, writing, and communication skills valued by employers.

<b>REQUIREMENTS FOR THE BBA IN BUSINESS COMMUNICATION</b>
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<b>General Education Core</b>		<b>51</b>
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<b>Business Core (as defined on p. 105)</b>		<b>41</b>
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<b>Business Communication Major</b>		<b>27</b>
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COM 3513 Small Group Communication	3	
COM 3523 Interpersonal Communication	3	
COM 3533 Intercultural Communication	3	
ENG 3533 Technical Writing	3	
ENG 4523 Advanced Composition	3	
MED 2513 Media Writing	3	
MED 4513 Public Relations Writing	3	
MGT 3603 Organizational Behavior	3	
MKT 3543 Integrated Marketing Communications	3	

<b>Electives</b>		<b>9</b>
CIS 1102 Software Applications of Computers (recommended)	2	

<b>TOTAL FOR BUSINESS COMMUNICATION MAJOR</b>		<b>128</b>
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**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, Human Resources Management, and Information Management.

<b>REQUIREMENTS FOR THE BBA IN MANAGEMENT</b>		
<b>General Education Core</b>		<b>51</b>
<b>Business Core (as defined on p. 105)</b>		<b>41</b>
<b>Management Core</b>		<b>9</b>
MGT 3603 Organizational Behavior	3	
MGT 3613 Human Resource Management	3	
MGT 3713 Operations Management	3	
<b>Track: choose one</b>		<b>12</b>
General Management Track Select 12 hours from the following: Any BUS, FIN, or MGT MKT 3533 Marketing Management COM 3533 Intercultural Communication	12	
Human Resource Management Track MGT 3643 Labor Relations MGT 3653 Leadership Theory MGT 3663 Training and Development Select: PSY 3013 Psychology of Personality <b>OR</b> PSY 3123 Social Psychology	12	
Financial Management Track FIN 3213 Financial Markets FIN 3223 Bank and Financial Institution Management FIN 3243 Investment Management FIN 3253 Risk Management	12	
Information Management Track CIS 3423 Database Management CIS 4213 Decision Support and Expert Systems CIS 4733 Project Management MGT 3703 Management Information Systems	12	
<b>Electives</b>		<b>15</b>
CIS 1102 Software Applications of Computers (recommended)	2	
<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>		
<b>General Education Core</b>		<b>51</b>
<b>Business Core (as defined on p. 105)</b>		<b>41</b>
<b>Marketing Major</b>		<b>24</b>
MKT 3513 Marketing Management	3	
MKT 3533 Consumer Behavior	3	
MKT 3543 Integrated Marketing Communications	3	
MKT 3553 Marketing Research	3	
Choose six hours: BUS 4901, 4902, 4903 Directed Study in Business COM 2613 Introduction to Public Relations COM 3533 Intercultural Communication Any MKT	6	
Choose six hours from any MGT	6	
<b>Electives</b>		<b>12</b>
CIS 1102 Software Applications of Computers (recommended)	2	
<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.

<b>REQUIREMENTS FOR THE BBA IN SPORTS MANAGEMENT</b>		
<b>General Education Core</b>		<b>51</b>
<b>Business Core (as defined on p. 105)</b>		<b>41</b>
<b>Sports Management Major</b>		<b>27</b>
SMG 3003 Sports Marketing	3	
SMG 3223 Principles and Practices of Sports Administration	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	
SMG 4263 Managing Sports Organizations	3	
Choose 6 hours from the following: SMG 3013 History and Philosophy of Sports SMG 3023 Recreation Management SMG 3613 Current Topics in Sports Management SMG 4243 Ethics of Sport	6	
<b>Electives</b>		<b>9</b>
SMG 3033 Theory in Coaching (recommended)	3	
MGT 3653 Leadership Theory (recommended)	3	
<b>TOTAL FOR SPORTS MANAGEMENT MAJOR</b>		<b>128</b>

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

**Management Minor.** Nonbusiness majors may earn a management minor by completing MGT 2603 and 15 additional hours of MGT.

**Marketing Minor.** Requires 18 hours of upper-division MKT. Nonbusiness majors must include MKT 2503.

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

**Program Notes.** Business majors who are not proficient in the latest business applications software should take CIS 1102.



# DEPARTMENT OF TEACHER EDUCATION (EDU, RDG)

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

## MISSION STATEMENT

The mission of the teacher education program at Rochester College is to prepare teachers of understanding 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

Rochester College is under Preliminary Approval by Michigan Department of Education (MDE) to offer a Teacher Education Program. 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<sup>1</sup>, 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<sup>1</sup>, and Music Education<sup>2</sup>.

## CAREER OPPORTUNITIES

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 7-12 in their major and/or minor content areas.

## PROFESSIONAL CERTIFICATION

Since the process of becoming a teacher includes both a baccalaureate degree and professional certification, students must declare their intent as early

<sup>1</sup> Under review by the Michigan Department of Education

<sup>2</sup> Under development to be submitted to MDE during 2005-2006



	Elementary	Secondary	
	Major	Major	Minor
Biology		x	x
English	x	x	x
History	x	x	x
Integrated Science	x		
Language Arts	x		
Mathematics <sup>1</sup>	x	x	x
Music (K-12) <sup>2</sup>		x	
Social Studies	x		

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. 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 currently under review by the Michigan Department of Education include Elementary and Secondary Mathematics Education. 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 education academic advisor to determine the best way to complete requirements.

<sup>1</sup> Under review by the Michigan Department of Education

<sup>2</sup> Under development to be submitted to MDE during 2005-2006

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 36 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.

Both coursework and field experiences are linked to professional standards, which describe what teachers should know and be able to do. The seven Entry-Level Standards for Michigan Teachers ensure that preservice teachers qualify for certification by the time they finish the program.

### **Phase One: Exploring Teaching.**

Phase One introduces students to the responsibilities, structure, and activities of the profession, the theoretical principles of instruction and learning, and the theories of human development. During this phase, students enroll in

- EDU 2202 Introduction to Education, and
- EDU 3213 Educational Psychology

during which they successfully complete two, thirty-hour field experiences and seek admission to the program.

*Prerequisite Requirements for Phase One.*  
*To begin Phase One, a student must have sophomore status (30 hours) with a cumulative GPA of 2.5.*

### **Phase Two: Understanding Teaching.**

Phase Two builds upon content in Phase One through the development and application of pedagogical skills and understanding. Phase Two covers teaching methods and strategies, the use of instructional technology, the foundations of reading, teaching students with exceptionalities and from other underrepresented student groups, the various approaches to classroom management, the social, historical, and philosophical foundations of

education, and professional ethics. EDU 4943 Ethics and Philosophy of Education, a distinctive course of the program, prepares teacher candidates to treat all students with dignity and respect.

During this phase, teacher candidates complete:

- EDU 3223 Classroom Teaching Strategies
- EDU 3232 Classroom Technology
- EDU 3243 Teaching Exceptional Students
- EDU 4222 Teaching Across Cultures
- EDU 4231 Teaching Across Cultures Field Experience
- EDU 4253 Classroom Management Strategies
- EDU 4282 Foundations of Education
- EDU 4943 Ethics and Philosophy of Education
- RDG 3303 Reading Foundations (Elem) or
- RDG 3403 Literacy in Secondary Schools (Secondary)

Teacher candidates complete a third school-based field experience and a two-week immersion experience in a cross-cultural setting. Elementary candidates also complete a tutorial in a reading clinic. These rich and diverse field experiences forge linkages between theory and practice and between the affective nature of teaching and the expression of these attitudes and dispositions in classroom settings.

To inform teacher candidates of standards related subject area-specific K-12 pedagogical practices and assess their understanding and practice of

pedagogical content area knowledge, the following Methods and Assessment Strategies course were developed for each subject area major:

- ENG 4603 Methods and Assessment Strategies in English Education
- HIS 4503 Methods and Assessment Strategies in Social Studies Education
- HIS 4603 Methods and Assessment Strategies in History and Social Studies Education
- MAT 4503 Methods and Assessment Strategies in Elementary Math Education
- MAT 4603 Methods and Assessment Strategies in Secondary Math Education
- NSC 4503 Methods and Assessment Strategies in Science Education
- RDG 4503 Methods and Assessment Strategies in Language Arts Education

These courses address the interdisciplinary, interdepartmental, and interdependent aspects of the Teacher Education Program's conceptual framework, MDE standards/guidelines, and standards from other professional associations. Many of these standards require teacher candidates to apply their subject area knowledge and pedagogical subject area knowledge to effective K-12 classroom practice and instruction.

Taken at the end of the subject area majors, these courses offer an extended sixty-hour field experience that serves as the final field placement prior to student teaching. In

this field experience, teacher candidates are evaluated according to the Entry Level Standards for Michigan Teachers and the MSBE subject-area standards/guidelines.

*Admission Requirements for Phase Two.* All students seeking Michigan Provisional Teaching 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. Transfer Students: For purposes of admission to the Teacher Education Program, all grades from previous institutions will be calculated in the cumulative grade point average.
- Satisfactory completion of EDU 2202 Introduction to Education and EDU 3213 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.
- Submission of passing scores from the Basic Skills Test of the MTTC (Michigan Test for Teacher Certification).
- Demonstration of writing proficiency. This proficiency may be demonstrated in one of the following three ways:
  - a. Receive a grade of B- or above in both ENG 1113 Composition A and ENG

1123 Composition B at Rochester College.

- b. Pass the Rochester College English Qualifying Exam or successfully complete ENG 1133, Fundamentals of Composition.
  - c. Receive a passing score (172) on the PRAXIS I Pre-Professional Skills Test Writing subtest.
- 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 2202 Introduction to Education and EDU 3213 Educational Psychology.
  - Compliance with all standards expected of the Rochester College campus community, as outlined in the Student Handbook and the College Catalog.

Continuation in the Teacher Education Program requires maintenance of the academic and professional standards required for initial admission to the program. Failure to maintain these standards may result in probation or suspension from the program.

Deadlines for admission occur in November and April. Specific deadline dates are published by the Teacher Education Department. Admission is valid for six years; however, changes man-

dated by Michigan Department of Education may impose additional requirements during this time period.

**Phase Three: Practice Teaching.** Phase Three consists of twelve full weeks of student teaching and the accompanying student teaching seminar. As college supervisors and cooperating teachers mentor student teachers, they work toward the goal of becoming lead teachers, thereby assuming responsibility for all instructional and non-instructional duties. In this phase teacher candidates enroll in:

- EDU 4721/4821 Student Teaching Seminar (Elementary/Secondary), and
- EDU 4728/4828 Student Teaching (Elementary/Secondary).

*Requirements for Phase Three.* Prior to student teaching, candidates must meet the following requirements:

- 1) complete an Application for Methods and Assessment Strategies and Student Teaching,
- 2) earn a minimum grade of C in each Professional Studies course,
- 3) satisfy all requirements of their majors and minors,
- 4) maintain a minimum overall grade point average of 2.70, and
- 5) take the appropriate subject-area tests (MTTC) based on their majors and minors.

**Phase Four: Serving as a Teacher.** Phase Four utilizes the criteria for degree completion and certification as indicators that symbolize professional knowledge, high quality teaching skills, and dispositions that reflect values and willingness to serve in diverse and

challenging global communities. This final phase bridges initial teacher preparation with the teaching profession.

**Requirements for Phase Four.** At the time of recommendation for certification, candidates must present the following:

- 1) a request for Certification Recommendation,
- 2) proof of completion of degree requirements,
- 3) valid First Aid/CPR certificate, and,
- 4) proof of passing scores on the MTTC subject area exams.

## 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 BS WITH ELEMENTARY EDUCATION CERTIFICATION RECOMMENDATION		
<b>General Education Core</b>		<b>51</b>
<b>Content Area Major</b>		<b>36-43</b>
<b>Professional Studies Core</b>		<b>36</b>
EDU 2202 Introduction to Education	2	
EDU 3213 Educational Psychology	3	
EDU 3223 Classroom Teaching Strategies	3	
EDU 3232 Classroom Technology	2	
EDU 3243 Teaching Exceptional Students	3	
EDU 4222 Teaching Across Cultures	2	
EDU 4231 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	
EDU 4943 Ethics and Philosophy of Education	3	
RDG 3303 Reading Foundations	3	
<b>Elementary Education Minor</b>		<b>27</b>
EDU 2143 Fine Arts for the Elementary Teacher	3	
EDU 3113 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	
NSC 2324 Science Foundations II	4	
RDG 3324 Foundations of Language Arts	4	
RDG 4313 Content Reading and Assessment	3	

<b>TOTAL FOR DEGREE</b>	<b>150-157</b>
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**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 BS WITH SECONDARY EDUCATION CERTIFICATION RECOMMENDATION</b>
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<b>General Education Core</b>	<b>51</b>
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<b>Content Area Major</b>	<b>37-43</b>
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<b>Professional Studies Core</b>	<b>36</b>
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EDU 2202 Introduction to Education	2	
EDU 3213 Educational Psychology	3	
EDU 3223 Classroom Teaching Strategies	3	
EDU 3232 Classroom Technology	2	
EDU 3243 Teaching Exceptional Students	3	
EDU 4222 Teaching Across Cultures	2	
EDU 4231 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	
EDU 4943 Ethics and Philosophy of Education	3	
RDG 3403 Literacy in Secondary Schools	3	

<b>Content Area Minor</b>	<b>22-27</b>
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<b>TOTAL FOR DEGREE</b>	<b>146-157</b>
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# 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 Division

**ACC 2113 Accounting I.** Basic accounting theory, practice, and simple analysis in sole proprietorships. Prerequisite: MAT 1103 or equivalent.

**ACC 2123 Accounting II.** Accounting in partnerships and corporations, including managerial accounting, and standard cost systems for manufacturing concerns. Prerequisite: ACC 2113.

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

**I.** Accounting for cash, receivables, inventory, plant assets, intangibles, depreciation, amortization, time value of money, and other concepts. Prerequisite: ACC 2123.

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

**II.** Accounting for current and long-term liabilities, stockholders' equity, earnings per share, and revenue recognition. Prerequisite: ACC 3113.

**ACC 3143 Cost Accounting.** A study of principles and techniques of cost accounting for product costing, plan-



ning, 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. Prerequisite: ACC 2123.

**ACC 3213 Auditing.** Role of internal and external auditors, Generally Accepted Auditing Standards, basic audit reports and methods, professional ethics, and internal controls. Prerequisite: ACC 3123.

**ACC 3223 Managerial Accounting.** Management use of financial accounting data for planning and control. Theories and practice of cost accounting and analysis of data for management decision-making. Budgeting and performance measurement and capital budgeting decisions will be studied. Prerequisite: ACC 2123.

**ACC 3313 Taxation.** Study of 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. Prerequisite: ACC 3123.

**ACC 4222 Accounting Seminar.** A case analysis class that covers all the aspects of the accounting function relating to management decision making. The creation and distribution of management and accounting information and the management of the resource are stressed. Opera-

tional, tactical and strategic information systems will be analyzed. This class serves as the capstone course in the major for assessment purposes. Prerequisite: ACC 4313

**ACC 4313 Accounting Theory.** An in-depth discussion of the theory and development of generally accepted accounting principles. Deals with the conceptual framework of accounting and the environment in which accounting interacts. Prerequisite: ACC 3123.

**ACC 4413 Advanced Accounting.** Consolidated financial statements, foreign operations, segment and interim reporting, and partnership accounting. Prerequisite: ACC 3123.

# ART

## Art Division

**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: \$75)

**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 . Prerequisite: ART 1413 or PI.(Material fee: \$75)

**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:\$50)

**ART 2463 Three-Dimensional Design.** This course is an introduction to the process and principles of organizing materials, with an organic or planar design, in space. Subtractive techniques practiced include carving wood and stone. Casting using plaster, concrete, resin and clay will be explored. Additive fabrication methods and assemblage of various materials, including found objects will be offered. (Material fee: \$75 and Lab fee: \$75)

**ART 3713 Survey of Contemporary Christian Art and Visual Images of the Bible.** Study and research the art work of the foremost Christian artists of today. Define their sources of inspiration. Review how powerful visual communication is used in worship, ministry, bible study, small groups, the classroom and the mission field. Explore the nature of God by analyzing the visual images from scripture. Special emphasis will be on the heart of the artisans, craftsmanship directives, and prophetic images given by God.

# BIB

## Bible Division

**BIB 1013 Discovering the Old Testament.** A survey of the Old Testament with special emphasis given to the historical occasion, literary genre and religious themes of each book.

**BIB 1023 Discovering the New Testament.** A survey of the New Testament with special emphasis given to the historical occasion, literary genre and religious themes of each book.

**BIB 2112 Genesis.** The Genesis narrative from creation up to the death of the patriarchs. Abrahamic covenant and the early nation of Israel.

**BIB 2212 Life of Christ.** Introduction to the life and teachings of Jesus Christ as represented in the gospel literature of the New Testament.

**BIB 2222 Christian Beginnings: Acts.** Introduction to the life and mission of the earliest Christians as represented in the Acts of the Apostles.

**BIB 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.

**BIB 3133 Major Prophets.** Historical, literary, cultural, and theological

analysis of Isaiah, Jeremiah, and Ezekiel.

**BIB 3143 Minor Prophets.** Historical, literary, cultural, and theological analysis of the twelve prophetic books, Hosea through Malachi.

**BIB 3153 Old Testament Poetic Literature.** Literary, cultural, and theological analysis of Psalms, Song of Songs, and Lamentations.

**BIB 3163 Old Testament Wisdom Literature.** Literary, cultural, and theological analysis of Proverbs, Ecclesiastes, and Job.

**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 Thessalonians 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 3262 Hebrews.** A study of the book of Hebrews that focuses on its literary purpose, historical context, and theology.

**BIB 3272 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 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 examina-

tion 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. Prerequisite: BIB 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. Prerequisite: BIB 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. Prerequisite: BIB 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. Prerequisite: BIB 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. Prerequisite: BIB 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. Prerequisite: BIB 2983.

# BIO

## Biology Division

**BIO 1002 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.

**BIO 1012 Biological Science I.** Topics from BIO 1014 for non-science majors. Meets first ten weeks of semester. Lecture only.

**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. 3 hrs. lecture and 3 hrs. lab, weekly. \$30 Lab fee.

**BIO 1022 Biological Science II.** Topics from BIO 1024 for non-science majors. Meets first ten weeks of semester. Lecture only.

**BIO 1024 Biological Science II with Lab.** Plant and animal anatomy and physiology, ecology, and evolution. For non-science and beginning majors. 3 hrs. lecture and 3 hrs. lab, weekly. \$30 Lab fee.

**BIO 1102 Nature Study.** Ecology and identification techniques for plant and animal phyla. Meets first nine weeks of semester.

**BIO 1124 Zoology.** Major phyla of the animal kingdom, including the basic principles of comparative anatomy, physiology, morphology, behavior, and ecology. 3 hrs. lecture and 3 hrs. lab, weekly. \$30 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.

**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. 3 hrs. lecture and 3 hrs. lab, weekly. \$30 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. 3 hrs. lecture and 3 hrs. lab, weekly. \$30 Lab fee.

**BIO 2224 Introductory Botany and Zoology.** Introductory anatomy, physiology, taxonomy and ecology for the major phyla of the plant and animal kingdoms. 3 hrs. lecture and 3 hrs. lab, weekly. \$30 Lab fee.

**BIO 2313 Nutrition.** Principles of nutrition, metabolism, food values, and dietary requirements for healthy body maintenance and growth.

**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. 2 hrs. lecture and 3 hrs. lab, weekly. \$30 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. 3 hrs. lecture and 3 hrs. lab, weekly. Prerequisite: Grade of C in BIO 1014 or BIO 1124, or instructor permission. \$30 Lab fee.

**BIO 3413 Genetics.** Structure and function of DNA, genes, gene expression, inheritance patterns, prokaryote and eukaryote chromosome structure, and modern gene technology.

**BIO 4503 Methods and Assessment Strategies in Biology Education.** Capstone course in the integrated science 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.

# BUS

## Business Division

**BUS 2403 Macroeconomics.** Supply and demand, public sector, role of government, and government monetary and fiscal policies.

**BUS 2413 Microeconomics.** Markets, competition, market power, labor markets, and government programs.

**BUS 3003 Business Communication.** Compositional techniques and audience analysis; enhancing the effectiveness of business letters, memoranda, and reports. Prerequisite: ENG 1113.

**BUS 3033 International Business.** Multinational businesses in diverse cultures, international politics and law, and the global economy; Marketing, finance, management, and strategy in global business. Prerequisite: BUS 2403.

**BUS 3303 Business Law I.** Contracts, commercial sales (Uniform Commercial Code), and torts. Uses case law method to illustrate legal principles.

**BUS 3313 Business Law II.** Business organizations, creditor's rights, trade regulation, and real property. Utilizes the case law method.

**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. Prerequisite: Instructor permission.

**BUS 4823 Business Strategy and Policy.** Exercises classroom concepts through computer-simulated case studies. Students analyze, develop, and implement strategies for "real world" business situations. This course serves as the capstone course of the BBA program for assessment purposes. Prerequisite: Senior. Completion of business core, except internship.

**BUS 4901/4902/4903 Directed Study in Business.** Independent study of topics not explored in regular business curriculum. May not substitute for required courses. Prerequisite: Permission of the Dean.

**BUS 4942 Ethics in Business.** Focus on ethical issues related to the business environment. Key areas of focus will include the following: 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. Prerequisite: PHI 4932 and Senior status.

## CHE

### Chemistry Division

**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/Corequisites: MAT 1323 or MAT ACT of 24 or above. \$30 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 1323 or above. \$30 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. Prerequisite: CHE 1524. \$30 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. Prerequisite: CHE 2514. \$30 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. Prerequisite: CHE 2514. \$30 Lab fee.

## CHS

### Church History Division

**CHS 3703 Survey of Church History.** History of Christianity from its beginnings through the Reformation, and to the present day.

**CHS 3733 History of the Restoration Movement.** American Restoration Movement from its inception to the present. Highlights causes of growth and division.

**CHS 3743 History of American Religions.** Major modern American denominations, sects, and cults and their unique historical, social, cultural, and theological backgrounds.

**CHS 3753 History and Formation of the Bible.** Biblical texts and manuscripts, early translations, and development of the English Bible from Wycliffe to the 20th century.

## CIS

### Computer Systems Management Division

**CIS 1102 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.

**CIS 3423 Database Management Systems.** Database design, data structures, and database administration in a business environment. Also, file processing with multiple databases.

**CIS 3513 Web-Based Application Development.** Current trends in electronic commerce, use of search



engines, and other productivity tools. Examining and evaluating Web sites for design functionality, aesthetic appeal, and business utility. Development of Web site application involving current technologies.

**CIS 3523 Commercial Web Site Design.** Design, development, and management of Web sites for business, marketing, and e-commerce. Includes requirements for definition, developing identity, site design, domain registration, determining access, posting a site to search engines, keeping a site current, and revision processes. Prerequisite: CIS 3513.

**CIS 4213 Decision Support and Expert Systems.** Presents the fundamentals of 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. Prerequisite: MGT 3703.

**CIS 4313 E-Commerce.** Provides an overview of e-commerce issues and topics that will include business models, hardware platforms, security, payment methods, out-sourcing, and management. Will allow students to analyze and evaluate tools, techniques and methods for developing and implementing an e-

commerce strategy. Hardware and software requirements and alternatives will also be assessed. Prerequisite: CIS 3413.

**CIS 4733 Project Management.** Introduces analysis requirements, budgets, risk assessment, and plan development of computerized information systems. Considers the context of the business organization, using processes and management skills necessary for successful project management. Topics include project scope, estimating, scheduling, tracking and controlling. Prerequisites: MGT 3703 and CIS 4213.

# COM

## Communication Division

**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 2233 Nonverbal Communication.** Theories and types of nonverbal communication and implementation of effective nonverbal communication strategies. Prerequisite: C- or better in COM 1013.

**COM 2253 Listening.** Theories and techniques of effective listening in interpersonal, intercultural, small

group, and public contexts. Prerequisite: C- or better in COM 1013.

**COM 2513 Communication Theory.** Survey of communication theories and models upon which communication studies are built. Prerequisite: C- or better in COM 1013.

**COM 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. Prerequisite: C- or better in COM 1013.

**COM 3513 Small Group Communication.** Theories and techniques for small groups, including ministries in the local church. Prerequisite: 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. Prerequisite: C- or better in COM 1013.

**COM 3533 Intercultural Communication.** 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. Prerequisite: C- or better in COM 1013.

**COM 4603 Assessment Strategies in Speech Communication.** This course models a variety of assessment strategies and methods for effectively teaching middle and high school speech students. Students research, design and implement lessons that meet the state and national standards as well as gain practical tools to assess student growth. Students observe co-curricular and extra-curricular communication activities and begin designing their own programs.

**COM 4813 Senior Project.** Preparation of a major paper in an area of the student's interest. Prerequisite: Senior status and permission of instructor.

**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. Prerequisite: Senior status and permission of instructor.

**COM 4943 Communication Ethics.** The major issues and perspectives involved in making ethical choices in communication. Prerequisite: Senior status.

**COM 4613 Special Topics.** Various Communication topics chosen by students or instructor.

# EDU

## Education Division

**EDU 2143 Fine Arts for the Elementary Teacher.** Develops understanding, activities, methods and materials for integrating art and music into the elementary classroom.

**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. Prerequisite: sophomore status with a 2.50 GPA.

**EDU 3113 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.

**EDU 3213 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 exceptional-ity, and various approaches to in-

struction. 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. Prerequisite: EDU 2202.

**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. Prerequisite: Admission to the Teacher Education Program.

**EDU 3232 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. Prerequisite: Admission to the Teacher Education Program.

**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. Prerequisite: Admission to the Teacher Education Program.

**EDU 4222 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 4231 Teaching Across Cultures Field Experience. Prerequisite: Admission to the Teacher Education Program.

**EDU 4231 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 affective characteristics necessary to teaching in cross-cultural environments. Two-week intensive field placement required. Prerequisite: EDU 4222, 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 application theory. Prerequisite: 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. Prerequisite: Admission to the Teacher Education Program.

**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. Prerequisite: Admission to Student Teaching.

**EDU 4943 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. Prerequisite: Admission to the Teacher Education Program.

# ENG

## English Division

**ENG 1003 Basic Writing.** Reading, critical thinking, expository writing, and study strategies. Required for students with no college credit in composition when the English ACT is 16 or below.

**ENG 1113 College Composition A.** Writing and revising expository papers and documented reports. Students read and analyze selected essays and articles. Prerequisite: 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. Prerequisite: 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: BIB 1013 or 1023 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. Prerequisite: ENG 1123.

**ENG 2413 World Literature Survey.** A comparative study of literature from a variety of world cultures. Prerequisite: 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. Prerequisite: 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. Prerequisite: ENG 1123.

**ENG 3313 American Writers I.** An analytical study of the development of American Literature from the Colonial era to the Civil War. Prerequisite: ENG 1123.

**ENG 3323 American Writers II.** Major works from the Civil War to the present. Prerequisite: 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. Prerequisite: 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. Prerequisite: 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. Prerequisite: 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. Prerequisite: ENG 1123.

**ENG 4213 Shakespeare Comedies.** A critical study of Shakespeare's comedies synthesizing the historical, linguistic, theatrical, and cultural context of these writings. Prerequisite: ENG 1123 and 3513.

**ENG 4223 Shakespeare Tragedies.** A critical study of Shakespeare's tragedies synthesizing the historical, linguistic, theatrical, and cultural context of these writings. Prerequisite: ENG 1123 and 3513.

**ENG 4233 Shakespeare Histories.** A critical study of Shakespeare's histories synthesizing the historical, linguistic, theatrical, and cultural context of these writings. Prerequisite: ENG 1123 and 3513.

**ENG 4413 Pluralism in American Literature.** African, Asian, Arab, Hispanic, and Native-American voices in American literature. Required for English majors planning to teach. Prerequisite: ENG 1123 and 3513.

**ENG 4523 Advanced Composition.** Advanced writing, revision, and editing. Prerequisite: ENG 1123.

**ENG 4533 Senior Writing Project.** Student preparation of a major paper in an area of interest. Prerequisite: ENG 1123 and 3513.

**ENG 4593 Special Topics.** Various topics in English, chosen by students or instructor. Prerequisite: 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.

**ENG 4613 Advanced Literary Theory.** A continuation of ENG 3513: Philosophies of literary criticism. Prerequisite: 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. Prerequisite: ENG 1123 and 3513.

**ENG 4723 Studies in Genre: Short Story.** Literary analysis of selected short stories. Prerequisite: ENG 1123 and 3513.

**ENG 4733 Studies in Genre: Poetry.** Literary analysis of selected poetry. Prerequisite: ENG 1123 and 3513.

**ENG 4743 Studies in Genre: Drama.** Literary analysis of selected dramas. Prerequisite: 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. Prerequisite: ENG 1123 and 3513.

**ENG 4811 Senior Seminar.** Required capstone course for English majors designed to assess student and program progress. Prerequisite: ENG 1123.

## FIN

### Finance Division

**FIN 3113 Personal Financial Management.** This course provides an overview of personal finance issues. 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.** 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. Prerequisite: 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, bank-

ing 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.** Provides a general framework for constructing portfolios and valuing investments. Important concepts include portfolio theory, credit analysis, valuation of call and conversions features on debt instruments, and fundamental analysis of equities and foreign assets.

**FIN 3253 Risk Management.** Providing a framework for recognizing the essential elements that mitigate loss and expediate business recovery is essential in risk management

operations. Identifying and managing risk, crisis and disaster management, and emergency/contingency planning will be discussed.

## FLM

### Film Division

**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. Prerequisite: C- or better in FLM 2013 or 2423.

**FLM 3433 Film Theory.** Major critical approaches to film. Prerequisite: C- or better in FLM 2013 or 2423.

**FLM 4413 Seminar in Film.** Great film makers, foreign films, and social issues and film. Prerequisite: C- or better in FLM 2013 or 2423.



# FRE

## French Division

**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. Prerequisite: FRE 1214 or three semesters of high school French.

# GEO

## Geography Division

**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 Division

**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. Prerequisite: GER 1214 or three semesters of high school German.

# GRE

## Greek Division

**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 1224 Elementary Greek II.** A continuation of GRE 1214 that includes selected readings from the New Testament. Prerequisite: GRE 1214.

**GRE 3314 Intermediate Greek Grammar.** Selected readings from the Greek New Testament, with an emphasis on advanced features of grammar and syntax. Prerequisite: GRE 1224.

**GRE 3413 Advanced Greek Readings I.** Selected readings from the Greek New Testament. Prerequisite: GRE 3314.

**GRE 3423 Advanced Greek Readings II.** Selected readings from the Greek New Testament. Prerequisite: GRE 3314.

## HEB

### Hebrew Division

**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. Prerequisite: HEB 1214.

**HEB 3413 Advanced Hebrew Readings I.** Selected Readings from the Hebrew Old Testament. Prerequisite: HEB 1224.

**HEB 3423 Advanced Hebrew Readings II.** Selected Readings from the Hebrew Old Testament. Prerequisite: HEB 1224.

## HIS

### History Division

**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 nationalist 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, eco-

conomic, 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 flash-points 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 21<sup>st</sup> 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 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/Co-requisite: Completion of subject-area course-work.

**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 supervised sixty-hour field experience is required. Prerequisite/Co-requisite: Completion of subject-area coursework.

**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. Prerequisite: HIS 3813.

# JRN

## Journalism Division

### **JRN 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. Prerequisite: Instructor permission.

### **JRN 2101 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. Prerequisite: Instructor permission.

# MAT

## Math Division

**MAT 1003 Beginning Algebra.** The real number system, fundamentals of algebra, linear equations, graphs, functions, exponents, polynomials, factoring, solving equations, and applications. 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. Prerequisite: Minimum Math ACT of 18 or minimum grade of C- in MAT 1003.

**MAT 1312 Trigonometry.** Trigonometric functions of angles and real numbers, right triangle trigonometry, Law of Sines, Law of Cosines, trigonometric graphs, trigonometric identities, trigonometric equations, inverse trigonometric functions, and applications. May include complex numbers, DeMoivre's Theorem, or vectors. Prerequisite: Math ACT of 25 or above, or minimum grade of C- in MAT 1103.

**MAT 1323 College Algebra.** Equations, inequalities, relations, functions, graphs of functions, composition of functions, inverse functions, polynomial and rational functions, exponential and logarithmic functions, systems of equations, Gaussian elimination, and partial fractions. May include conics, sequences, summation notation, geometric series, or mathematical induction. Prerequisite: Math ACT of 25 or above, or minimum grade of C- in MAT 1103.

**MAT 1335 Pre-Calculus.** Combines various topics of MAT 1312 and MAT 1323 into one course. Prerequisite: 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. Prerequisite: Grade C- or better in MAT 1003 or Math ACT of 18 or above.

**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. Prerequisite: Grade C- or better in MAT 1003 or Math ACT of 18 or above.

**MAT 2233 Finite Mathematics.** Linear equations and straight lines, matrices, systems of linear equations, Gaussian and Gauss-Jordan elimination, linear programming and the simplex method, sets and counting, probability, mathematics of finance, difference equations, and graph theory.

**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, statisti-

cal process control, or nonparametric statistics. Prerequisites: Minimum Math ACT of 18 or minimum grade of C- in MAT 1003.

**MAT 2515 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. Prerequisite: Minimum Math ACT of 27 and sufficient high school preparation or a minimum grade of C- in MAT 1335.

**MAT 2524 Calculus and Analytic Geometry II.** Continues MAT 2515. Further integration applications and techniques, L'Hopital's rule, improper integrals, infinite series, conics, parametric equations, and polar coordinates. Prerequisite: Minimum grade of C- in MAT 2515.

**MAT 3303 Modern Algebra.** Concepts of groups, rings, integral domains and fields, and abstract reasoning. Prerequisite: 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. Prerequisite: 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 and/or differential equations. Prerequisite: C- in MAT 2524.

**MAT 3613 Linear Algebra.** Systems of linear equations, matrices, determinants, vector spaces, inner product spaces, eigenvalues and eigenvectors, and linear transformations. May include linear programming. Prerequisite: Minimum grade of C- in MAT 2524.

**MAT 3623 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. Prerequisite: Minimum grade of C- in MAT 2524.

**MAT 4342 Technology in the Elementary Mathematics Classroom.** Computers (including the Internet), calculators, and other forms of technology and their uses in the elementary classroom in different areas of

mathematics. Prerequisite: Junior standing.

**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. Prerequisite/Co-requisite: Completion of subject-area coursework, Senior standing.

**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. Prerequisite/Co-requisite: Completion of subject-area coursework, Senior standing.

**MAT 4653 College Geometry.** This course explores many types of geometry, including Euclidean and non-Euclidean forms. The study and writing of proofs is included. Also, this course covers the application of geometry to real life situations as well as using interactive software. Prerequisite: MAT 2524.

**MAT 4953/4963 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 Division

**MED 2013 Introduction to Mass Communication.** Survey of the history, types, and uses of mass communication. Discussion of the role and impact of media in society.

**MED 2513 Media Writing.** Writing for news, features, public relations, advertising, and marketed materials. Prerequisite: ENG 1123.

**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.

**MED 3633 Media Criticism.** Theory and practice in the analysis of various types of media, from various perspectives. Prerequisite: C- or better in COM 2513.

**MED 4513 Public Relations Writing.** Writing for internal and external public relations, including media kits, newsletters, features, websites, speeches, advertising, as well as other sales and marketing materials.

**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. Prerequisite: Senior status and permission of instructor.

**MED 4893 Internship.** Supervised field experience in radio or television, with application of theoretical knowledge. Includes outside reading, a written report, and a formal presentation at the Academic Symposium. For Mass Communication majors only. Prerequisite: 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. Prerequisite: Senior status.



# MGT

## Management Division

**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.

**MGT 2603 Principles of Management.** Role of management in every profession and the past, present, and future of fundamental management principles. Also, planning, organization, and systems control in an effective operation.

**MGT 3603 Organizational Behavior.** Human and organizational theories in planning, organizing, directing, and controlling. Understanding of organizational behavior and communication used to plan, implement, and evaluate organizational processes. Prerequisite: MGT 2603.

**MGT 3613 Human Resource Management.** Policy planning and implementation that affects an organization's people. Includes acquisition, development, compensation, evaluation, and termination of employees. Discusses new laws, trends, and ethics. Prerequisite: MGT 2603.

**MGT 3623 Human Relations in the Workplace.** Self-awareness, group dynamics, human interaction, free expression, optimal listening, and group participation barriers. Values and roles in workplace communication and decision-making. Prerequisite: MGT 2603.

**MGT 3643 Labor Relations.** History, methods, and roles of organized labor in the settlement of disputes and organizational issues. Prerequisite: MGT 2603.

**MGT 3653 Leadership Theory.** Modern and historic leadership theories and their application to management situations. Also, effective leadership and overcoming leadership barriers. Prerequisite: 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 training 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. Prerequisite: MGT 2603.

**MGT 3683 Small Business Management.** Small business management concepts and principles, including managerial concerns facing entrepreneurs. Prerequisite: 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.** Informational challenges organizations face when engaged in the decision-making process. Includes analysis of information systems, communication theory, flow of information, and methods for gathering, disseminating, and controlling information. Prerequisite: MGT 2603.

**MGT 3713 Operations Management.** Operational issues in the production of goods and services: Forecasting, capacity planning, facility location and layout, materials requirement planning, scheduling, and statistical quality control methods. Prerequisite: MAT 2413, MGT 2603.

**MGT 3723 Non-Profit Management.** Critical management issues in non-profit organizations. 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 ministry and faith-based organizations.

# MIN

## Ministry Division

**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 3323 Introduction to Preaching.** Pulpit, classroom, and group methods of communicating the gos-

pel. Sermon materials, preparation, and construction. Prerequisite: COM 1013 and BIB 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 Strategy for Missions and Ministry.** Explores the practical activities of the congregational minister, with special attention to the wide variety of ministerial possibilities that might be pursued. Topics in-

clude 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 History and Theology of Preaching.** A study of the origin, development, and theology of preaching. Special attention given to the lives and sermons of outstanding preachers in the history of Christianity.

**MIN 4873 Internship.** Apprenticeship in a religious organization: preaching, religious education, youth work, or personal evangelism. Requires a written activity report. May be completed during the fall or spring semesters, but internships typically take place during the summer, with enrollment in the following fall term. 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. Prerequisite: Instructor permission.

# MKT

## Marketing Division

### **MKT 2503 Principles of Marketing.**

Marketing to individuals and organizations, the modern business context, and the marketing mix: Product, price, promotion, and distribution.

### **MKT 3523 Retail Marketing.**

Product or service distribution to consumers, including retail environment, store location and characteristics, merchandising, and retail management. Prerequisite: MKT 2503.

### **MKT 3533 Consumer Behavior.**

Cultural, psychological, and behavioral factors that influence consumer motivation and values in the marketing process. Prerequisite: MKT 2503.

### **MKT 3543 Integrated Marketing Communications.**

Communication channels available for distribution of organizational or product information. Development, implementation, and control strategies in the complete promotional communication program which may include advertising, public relations, sales promotion, and personal selling. Prerequisite: MKT 2503.

### **MKT 3553 Marketing Research.**

Marketing research processes, problem formulation, and the problem types addressed by market research. Highlights primary and secondary

data collection methods, questionnaire design, and sampling plans. Includes analysis and interpretation of data and research formats. Prerequisite: MAT 2413, MKT 2503.

### **MKT 3563 Professional Selling.**

Sales fundamentals, including sales theory, sales techniques, and sales role playing. Charts the personal traits required for effective selling. Prerequisite: MKT 2503.

### **MKT 3573 Service Marketing.**

Aspects of service industry marketing, including the service environment, service strategies, managing service provisions, and marketing trends. Prerequisite: MKT 2503.

### **MKT 3583 Business-to-Business Marketing.**

The marketing process in the sale of goods and services to the organizational consumer. The complexities of buying groups, direct marketing, personal selling, and developing client relationships. Prerequisite: MKT 2503.

### **MKT 3593 Current Topics in Marketing.**

Seminar on current and emerging marketing topics not featured in other courses but worth further exploration based on their potential impact. Prerequisite: MKT 2503.

### **MKT 4513 Marketing Management.**

Analysis, planning, implementation, and control of programs designed to achieve a desired exchange of goods and services with target markets. This class serves as the capstone course of the marketing program for assessment purposes. Prerequisite: MKT 2503 and senior status.

# MUS

## Music Division

**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. Prerequisite: Instructor permission.

**MUS 1021 Class Voice.** Voice training basics taught in a group setting. Students learn the physical and artistic skills for acceptable public performance. For beginning voice students and non-majors.

**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. Prerequisite: 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. Prerequisite: Instructor permission.

**MUS 1052 Class Guitar.** Hands-on instruction in beginning guitar methods. Development of lifelong skills for music and non-music majors.

**MUS 1061 Private Strings.** Private instruction on orchestral strings. One hour of credit yields 12 fifty-minute lessons. Numbering accounts for study level: e.g. MUS 2061, 3061, 4061. Prerequisite: 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: e.g. MUS 2071, 3071, 4071. Prerequisite: 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: e.g. MUS 2081, 3081, 4081. Prerequisite: 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. Prerequisite: Membership by audition only.

**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. Prerequisite: Permission of director.

**MUS 1131 Ekklesia.** Contemporary Christian band. Repertoire includes praise and worship music and con-

temporary Christian music for instrumental band with vocalists. By audition only. Prerequisite: Permission of instructor.

**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. Prerequisite: 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 wind band ensemble with percussion that performs a wide variety of concert music. Membership by audition only. Prerequisite: 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; Interval 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. Prerequisite: MUS 1211. Corequisite: MUS 1223.

**MUS 1223 Theory II.** Continues MUS 1213. Part-writing and chord progression. Prerequisite: MUS 1213. Corequisite: MUS 1221.

**MUS 2211 Ear Training III.** Advanced study of aural skills. Includes harmonic dictation with more extended harmonies. Prerequisite: MUS 1221. Corequisite: MUS 2213.

**MUS 2213 Theory III.** Advanced theory, including modulation and extended chords. Prerequisite: MUS 1213. Corequisite: MUS 2211.

**MUS 2221 Ear Training IV.** Advanced aural skills, including atonality. Prerequisite: MUS 2211. Corequisite: MUS 2223.

**MUS 2223 Theory IV.** Continuation of MUS 2213. Complex modulation techniques, advanced chromaticism, and 20th century techniques. Prerequisite: 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.

**MUS 2602-2612 Foreign Language Diction I & II.** Latin, Italian, German, and French diction and their application to choral and song literature. Emphasizes use of the International Phonetic Alphabet. This is a two-semester, sequential course of study (Prerequisite for MUS 2612: MUS 2602). Level I includes an introduction to IPA along with Latin and Italian. Level II includes German and French.

**MUS 3202 Keyboard Harmony.** Improvisation of simple accompaniment using keyboard instruments. Includes interpretation of implied harmonies. Grade of C or higher satisfies the keyboard skills examination required for graduation. Prerequisite: 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. Prerequisite: 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. Prerequisite: MUS 1223.

**MUS 3323 History of Western Music II.** Offers a survey of music from the late Baroque, Classical, Romantic, and Modern eras. Prerequisite: 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 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. Prerequisite: 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 4413 Instrumental Techniques.** Playing techniques for string, woodwind, brass, and percussion instruments. Includes historical development of instruments.

**MUS 4601 Senior Seminar in Music.** Capstone course for all music majors. Includes preparation for post-graduation life and music program assessment. Prerequisite: Senior status.

**MUS 4623 Senior Recital.** Preparation and performance of an hour-long recital. Required of all performance majors. Prerequisite: Senior status.

## NSC

### Natural Science Division

**NSC 1002 Earth Science.** Geology and meteorology, earth's composition, atmosphere, internal and external processes, and plate tectonics.

**NSC 1004 Earth Science 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. \$30 Lab fee.

**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. Prerequisite: MAT 1003. \$30 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 universe as a whole. 3 hrs. lecture and 3 hrs. lab, weekly. Prerequisite: MAT 1003. \$30 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. \$30 Lab fee.

**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.

**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. Three credits maximum. Prerequisite: Instructor permission.

# PED

## Physical Education Division

*Activity Courses satisfy the PED general education requirement.*

**PED 1011 Individual Sports.** Badminton, pickleball, swimming, rock climbing, bowling, and others.

**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 1071 Conditioning.** Basics of diet, stress management, cardiovascular exercise and weight training.

**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.*

**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.

*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.

# PHI

## Philosophy Division

**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 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 3923 World Religions.** Major world movements including Christianity, Judaism, Islam, Hinduism, Buddhism, Chinese religions, and new religious movements.

**PHI 4932 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. Prerequisite: Senior status.

# PHS

## Physics Division

**PHS 2013 General Physics I.** Fundamentals of mechanics, thermodynamics, and sound. Prerequisite: MAT 1335. Corequisite: PHS 2211.

**PHS 2023 General Physics II.** Magnetism, electricity, optics, light, and atomic physics. Prerequisite: 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. \$30 Lab fee.

**PHS 2221 Physics Lab II.** Experiments with circuits, electricity, optics, Bohr Theory, and magnetism. Corequisite: PHS 2023 or PHS 2524. \$30 Lab fee.

**PHS 2514 Engineering Physics I.** Classical mechanics and thermodynamics for science, mathematics, physics, or engineering majors. Prerequisite: 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. Prerequisite: 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. Prerequisite: MAT 1103. \$30 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 Division

**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 division 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.

# PSY

## Psychology Division

**PSY 1011 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.

**PSY 1012 Life Learning Skills.** Self-concept, relationships, personal ethics, and planning for success.

**PSY 1031 Career Exploration and Development.** Career and job search preparation with practical instruction on writing résumés, preparing for interviews, and handling rejection.

**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 inte-

gration 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. Prerequisite: 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 Diagnostic and Statistical Manual (DSM-IV), methods of investigation, and psychotherapy. Prerequisite: 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. Prerequisite: 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. Prerequisite: PSY 2013.

**PSY 3093 History and Systems of Psychology.** Historical, philosophical, and scientific roots of psychol-

ogy 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. Prerequisite: 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. Prerequisite: 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 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. Prerequisite: 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. Prerequisite: 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. Prerequisite: 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. Prerequisite: Minimum grade of C in MAT 1003.

**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.

**PSY 3323 Research Methods in the Social Sciences.** Application of proper research methods to specific problems related to the social sciences, including problem identification, development of research instruments, sample construction, variable control, application of statistical analyses, and publication of research results. Prerequisite: PSY 2013.

**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. Prerequisite: 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. Prerequisite: 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. Prerequisite: PSY 3403.

**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. Prerequisite: PSY 3323.

**PSY 3514 Learning and Memory.** Memory, attention, conditioning, and conceptual acquisition. Includes laboratory. Prerequisite: 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. Prerequisite: 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. Prerequisite: PSY 3403.

**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 relation-

ships, 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. Prerequisite: 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. Prerequisite: 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. Prerequisite: 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. Prerequisite: 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. Prerequisite: 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. Prerequisite: 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. Prerequisite: PHI 4932.

# RDG

## Reading Division

**RDG 3303 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. Prerequisite: Admission to the Teacher Education Program, ENG 1123.

**RDG 3313 Children's Literature.** History of children's literature, assessment of children's needs; effective selection and use of children's literature. Prerequisite: 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 complementary literacy processes. Creating meaningful, student-centered learning environments. Emphasizes literature-based language arts instruction. Prerequisite: Admission to the Teacher Education Program, ENG 1123.

**RDG 3403 Literacy in Secondary Schools.** Informs preservice teachers of principles and processes of reading that supports student learning in grade 7-12 content areas. Pre-



sents various instructional and evaluative approaches, respecting the diversity and individuality of each student. Prerequisite: Admission to the Teacher Education Program.

**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. Prerequisite: ENG 1123.

**RDG 4313 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. Prerequisite: RDG 3303.

**RDG 4333 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. Prerequisite: RDG 3303.

**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 vari-

ety 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.

# REL

## Religion Division

**REL 3613 Special Topics in Religion.**

Various topics in the field of religion, as chosen by the instructor.

**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, CHS, 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 manifesta-

tion of Christian doctrinal convictions in worship and Christian living. Prerequisite: Senior status.

## RHE

### Rhetoric Division

**RHE 2223 Public Speaking.** Public speaking theory and practice. Students prepare and deliver several types of speeches. Prerequisite: C- or better in COM 1013.

**RHE 3333 Rhetorical Criticism.** History and methods of rhetorical criticism. Theories and models in critical application to instances of contemporary and historical discourse. Prerequisite: C- or better in COM 2513.

**RHE 3353 History of Rhetoric.** Studies key figures and persuasive discourse approaches from the classical to contemporary periods. Prerequisite: COM 2513.

**RHE 4313 American Public Address.** An historical and critical study of rhetorical discourse and movements and their relationship to American political and religious life. Examination of a variety of persuasive American forms of discourse, from the Puritan sermon to speeches from the civil rights movement and other contemporary works. Prerequisite: RHE 3333.

**RHE 4613 Special Topics.** Various Communication topics chosen by students or instructor.

## SEM

**SEM 1002 Freshman Seminar.** Freshman Seminar introduces new students to various faculty specialties and to the rigors of college life.

## SMG

### Sports Management Division

**SMG 3003 Sports Marketing.** Fundamental marketing concepts as applied to the sports industry. Sports as a product, the sports consumer market, and the sports product market studied.

**SMG 3013 History and Philosophy of Sports.** 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.** An in-depth study of the role, organization and management of community recreation programs. Examines the development of community sports leagues, club sports,

youth programs and camps, and game officiating.

**SMG 3033 Theory in Coaching.** A focus 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 3223 Principles and Practices of Sports Administration.** The concepts of sports administration and the four tracks of sports administration: commercial, professional, intercollegiate, and interscholastic. Examines administrative positions in their organizational structures.

**SMG 3283 Practicum in Sports Management.** 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 Current Topics in Sports Management.** Seminar on current and emerging topics in the sports world not featured in other courses but worth further exploration based on their potential impact.

**SMG 4003 Budget and Finance in Sports.** Methods and principles of sound financial control in sports related industries. Reviews basic accounting principles, financial statements, sources of revenue for financing, and principles and types of budgeting.

**SMG 4113 Legal Aspects of Sports.** 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 behavior, 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.

**SMG 4263 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 man-

agement. This class serves as the capstone course in the major for assessment purposes. Prerequisite: Senior status and completion of Sports Management core.

## SOC

### Sociology Division

**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 Division

**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. Prerequisite: SPA 1214 or three semesters of high school Spanish.

**SPA 2213 Intermediate Spanish I.** Grammar review and continued emphasis on oral and written communication. Also, literary and cultural readings. Prerequisite: SPA 1224 or two years of high school Spanish.

**SPA 2223 Intermediate Spanish II.** A continuation of SPA 2213. Prerequisite: SPA 2213.

**SPA 3213 Spanish Literature.** Literature by major Spanish literary figures from middle ages to present. Prerequisite: SPA 2223.

## SWK

### Social Work Division

**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. Prerequisite: 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. Prerequisite: 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. Prerequisite: SWK 4403 and 4413.

# THE

## Theatre Division

**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. Prerequisite: Instructor permission.

**THE 1431 Ensemble Acting.** Theory and practice in the dynamics of group performance. Requires membership in either Company or Pied Pipers. Prerequisite: 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 2113 Technical Theatre.** Basic principles of stage design, set construction, lighting, properties, 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. Prerequisite: ENG 1123.

**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. Prerequisite: 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. Prerequisite: 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. Prerequisite: COM 2513 or THE 3603.

**THE 4813 Senior Writing Project.** Preparation of a major paper in an area of the student's interest. Prerequisite: 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. Prerequisite: Senior status.



# COLLEGE OF EXTENDED LEARNING



The mission of the College of 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

The College of 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 ba-

sis. Instructors abide by ethical and Christian principles and expect the same from their students.

## DEGREE OPPORTUNITIES

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.



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

- Bachelor of Business Administration (BBA) with a Management major (page 179).
- Bachelor of Science (BS) with a Biblical Studies major (page 180).
- BS with a Computer Systems Management major (page 182).
- BS with a Counseling Psychology major (page 183).
- BS with an Early Childhood major (page 184).
- Associate of Arts (AA-page 178).

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

- Bachelor of Business Administration (BBA) with a Management major (page 179).
- BS with a Business Communication major (page 181).
- BS with a Counseling Psychology major (page 183).
- BS with an Early Childhood major (page 184).

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

- BS with a Business Communication major (page 181).
- BS with an Early Childhood major (page 184).
- BS with a Counseling Psychology major (page 183).

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

- BBA with a Management major (page 179).
- BS with a Mass Communication major (page 185).
- Associate of Arts (page 178).

## **PROGRAM FEATURES**

### **Program Design.**

- Each Bachelor's degree completion program requires a total of 120 semester hours
- Each Bachelor's degree completion program requires 75 semester hours of foundation credit. This includes general education, technical, occupational, and elective courses (84 hours for the business communication major).
- Each Bachelor's degree completion core is 45 semester hours (36 hours for the business communication major).
- The AA requires 62 semester hours and may be applied toward foundation requirements for a Bachelor's 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 6-10PM.
- Saturday classes usually meet 8 AM-12 PM or 12:30-4:30 PM.
- 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's 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's degree foundation requirements, earn the AA degree, or both.

## ADMISSION REQUIREMENTS

The College of 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 College of 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 Education program requires current employment in the early childhood field.

A student may petition for provisional admission with academic alert status to the accelerated Associate of Arts program 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 proce-

gram. 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's 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. 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.

A student may transfer a maximum of 3 credit hours in remedial English

or Writing and 3 credit hours in remedial Mathematics for a maximum total of 6 hours of remedial transfer credit. Remedial courses may not be counted toward General Education requirements.

## ACADEMIC AND GENERAL POLICIES

**Academic Alert/Suspension.** If your cumulative grade point average drops below the following levels, you are placed on academic alert: 1.50 for freshman and 2.00 for sophomores, juniors, and seniors. Classification is determined at the end of the term in which you earn the applicable level of credit: 30-sophomore, 60-junior, and 90-senior.

To be taken off academic alert, you must earn a cumulative grade point average higher than the levels indicated above during the first semester after being placed on alert. If you fail to earn the necessary cumulative grade point average during the semester that you are on alert, the following semester you will be placed on academic suspension. The only exception to this is that no student will be suspended following a semester in which they earn a 2.00 or higher for that semester (in which case the student would continue on alert).

Academic suspension is one semester in length. Students pursuing a degree through the College of 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 Vice President of Extended Learning. The Vice President of Extended Learning will forward the written appeal to the Academic Life Committee. The decision of the Academic Life Committee is final.

Credits Transferred	Hours Required
0-29	12
30-59	9
60+	6

**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. 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's 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's degree.

NOTE: *Courses taken to meet the CVR for the AA degree may not be applied to the minimum CVR for the Bachelor's 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 Vice President of Extended Learning 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 College of 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. College of 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's 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 attend two meetings:

- WebCT Training Workshop: Students are required to attend a WebCT training workshop only once during their enrollment at Rochester College. This must be taken prior to the initial in-class meeting with the instructor.
- Initial in-class meeting with the instructor: Students are required to attend the 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 (300Mhz or faster), with Microsoft Word 2000 (or newer), Internet access, and an email account prior to enrolling in an online course. Students can access online courses through the WebCT 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.

**Program Objectives File.** All new students enrolling in a bachelor degree completion program must complete a program objectives file prior to graduation. This file serves as an assessment tool for three different aspects of the program: Writing Proficiency Evaluation, Program Objectives, and Degree Program Evaluation.

- **Writing Proficiency:** Students in the College of Extended Learning must demonstrate writing profi-

ciency by submitting copies of 4 major papers written as a part of the regular course requirements during enrollment in the program. Selected papers must be 5 pages or longer (not including cover and reference pages). The papers will be placed in the student's individual program objectives file. All of the papers submitted to the file must receive a grade of "C" or higher from the instructor for which the paper was written. Papers with a grade lower than a "C" will not be accepted. The college will retain this file.

- **Program Objectives:** The subjects and courses for which the 4 major papers must be written is dependent upon the program in which the student is enrolled. Eligible courses must be 3000 or 4000 level.
- **Degree Program Evaluation:** The student must submit a 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 the main CEL office or a University Center Office.

Note: The program objectives file is a graduation requirement and a diploma or final transcript will not be released without this requirement being fulfilled.

**Residency Requirement.** Students must complete at least 30 credit hours at Rochester College for the Bachelor's

<b>BS Comp. Sy. Mgt. Major</b>
1. Ethics / Bible
2. Project Management
3. Any CIS, BUS, MGT
4. Any Management Course

<b>BS Mass Comm. Major</b>
1. Ethics / Bible
2. Senior Project
3. Any COM or THE Course
4. Any MED Course

<b>BBA Management Major</b>
1. Ethics / Bible
2. Business Strategy and Policy
3. Any Business Course
4. Any Management Course

<b>BS Biblical Studies Major</b>
Any four courses taken from: BIB, CHS, DOC, MIN, or PHI

<b>BS Business Comm. Major</b>
1. Ethics / Bible
2. Advanced Composition
3. Any Communication Course
4. Any Management Course

<b>BS Early Childhood Major</b>
1. Ethics / Bible
2. Family Education and Advocacy
3. Any PSY Course
4. Any ECE Course or RDG 3313

<b>BS Counseling Psy. Major</b>
1. Ethics / Bible
2. Psychology Seminar
3. Directed Research
4. PSY 3404, 3413, 3423, 4403, 4413, or 4423

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's 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.

**Student Housing.** CEL programs primarily serve working adult students who commute to the Rochester College campus or a satellite. For this reason, the College normally does not make on-campus housing available to CEL students; however, in special cases the College may grant temporary on-campus housing to a CEL student on a space-available basis. In rare instances when a CEL student is granted temporary on-campus housing, he or she must adhere to all rules, regula-

tions, policies, expectations, and financial obligations of traditional boarding students.

**Upper-Division Requirement.** At least 36 credit hours of upper-division work is required for any Bachelor’s degree.

## CEL TUITION AND FEES

The tuition and fee structure in the College of 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) ..... \$244

### Other Charges and Fees (nonrefundable)

Application Fee ..... 25

Course Change Fee (per change form) ..... 15

Graduation Candidate Fee (per application) ..... 125

Late Payment Fee ..... 25

Late Registration Fee ..... 25

New Student Registration Fee (one-time fee) ..... 100

Online Course Fee ..... 25

Parking Violation Fee (each violation) ..... 25

Payment Plan Fee (per semester) ..... 25

Returned Check Fee (NSF, per check) ..... 25

Textbooks ..... varies

Transcript Fee (per copy) ..... 5

WebCT Training Workshop ..... 25

### Nontraditional Credit Evaluation (nonrefundable)

CLEP Testing Fee (per examination) ..... 85

DANTES Testing Fee (per examination) ..... 100

Non-Traditional Credit Posting Fee (per credit hour) ..... 20

Prior Learning Portfolio Workshop Fee ..... 50

Prior Learning Paper Assessment Fee ..... \$75 per paper

Prior Learning Transcription Fee ..... \$20 per credit hour

Professional Schools and Training ..... \$20 per credit hour



## GENERAL PAYMENT INFORMATION

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

**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 credits, at the time of registration, and the remaining two-thirds in two equal monthly payments due on the dates indicated at the top of the next page. There is a \$25 fee per semester for use of the payment plan. Students may be charged a \$25 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 6	April 28
September 20	February 20	May 20
October 20	March 20	June 20

## DELINQUENT ACCOUNTS

**Past Due Accounts.** Rochester College cannot release transcripts until all accounts are paid in full and Perkins loan payments are current. No diploma or letters of recommendation will be granted to students with past due accounts. 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

The College uses the Federal Refund Policy to calculate all refunds for complete withdrawal from all courses. Students who drop one or more courses while still enrolled in other courses will receive a refund for the dropped course(s) based on the following table. 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. 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 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%

**CEL Associate of Arts Program.** Provides a foundation for other accelerated programs offered by Rochester College.

REQUIREMENTS FOR THE ASSOCIATE OF ARTS DEGREE		
<b>Christian Values</b>		<b>6</b>
BIB 2213 Life of Christ	3	
PHI 3923 World Religions	3	
<b>Communication</b>		<b>9</b>
COM 1013 Communication Basics	3	
ENG 1113 and 1123 Composition A and Composition B	6	
<b>Humanities</b>		<b>6</b>
ART 2003 Art Appreciation or FLM 2013 Film Appreciation	3	
ENG 2413 World Literature Survey	3	
<b>Science and Mathematics</b>		<b>9</b>
BIO 1003 Environmental Science	3	
MAT 1203 Survey of Mathematics	3	
NSC 1003 Earth Science	3	
<b>Social Science</b>		<b>9</b>
HIS 2523 United States History II	3	
POS 2013 National Government	3	
PSY 2013 General Psychology or SOC 2013 Intro. to Sociology	3	
<b>Electives</b>		<b>23</b>
<b>TOTAL FOR THE ACCELERATED AA DEGREE</b>		<b>62</b>

# BACHELOR'S DEGREE COMPLETION PROGRAMS

## REQUIREMENTS FOR THE GENERAL EDUCATION CORE

Bachelor's 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 WITH MANAGEMENT MAJOR

<b>Foundation Credit</b>		<b>75</b>
General Education Core	25	
Electives / Technical / Occupational	44	
ACC 2113 Accounting I	3	
ACC 2123 Accounting II	3	
<b>Management Program</b>		<b>45</b>
BIB 3813 Survey of Biblical Literature	3	
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	
MGT 3613 Human Resource Management	3	
MGT 3653 Leadership Theory	3	
MGT 3703 Management Information Systems	3	
MGT 3713 Operations Management	3	
MKT 3513 Studies in Marketing	3	
<b>TOTAL FOR MANAGEMENT MAJOR</b>		<b>120</b>

## BS with Biblical Studies Major.

<b>REQUIREMENTS FOR THE BS WITH BIBLICAL STUDIES MAJOR</b>		
<b>Foundation Credit</b>		<b>75</b>
General Education Core	25	
Electives / Technical / Occupational	44	
BIB 2213 Life of Christ	3	
BIB 3813 Survey of Biblical Studies	3	
<b>Biblical Studies Program</b>		<b>36</b>
BIB 2983 Biblical Interpretation	3	
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 3323 Romans <sup>1</sup>	3	
BIB 4213 Luke/Acts <sup>1</sup>	3	
CHS 3703 Survey of Church History	3	
DOC 4963 Systematic Christian Doctrine	3	
MIN 3323 Introduction to Preaching <sup>1</sup>	3	
MIN 3623 The Church and Society	3	
PHI 3923 World Religions	3	
PHI 4933 Introduction to Ethics	3	
<b>Track: choose one</b>		<b>9</b>
Ministry Track: MIN 3523 Ministry and Congregational Life MIN 3613 Counseling for Ministers MIN 4873 Internship or MIN 3513 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>		<b>120</b>

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

**BS with Business Communication Major.**

<b>REQUIREMENTS FOR THE BS WITH BUSINESS COMMUNICATION MAJOR</b>		
<b>Foundation Credit</b>		<b>84</b>
General Education Core	25	
Electives / Technical / Occupational	53	
Prerequisites: MGT 2603 Principles of Management MGT 3603 Organizational Behavior	3 3	
<b>Business Communication Program</b>		<b>36</b>
BIB 3813 Survey of Biblical Literature	3	
BUS 3003 Business Communication	3	
BUS 4943 Ethics in Business	3	
COM 3513 Small Group Communication	3	
COM 3523 Interpersonal Communication	3	
COM 3533 Intercultural Communication	3	
ENG 3533 Technical Writing	3	
ENG 4523 Advanced Composition	3	
MED 4513 Public Relations Writing	3	
MGT 3613 Human Resource Management	3	
MGT 3653 Leadership Theory	3	
MGT 3703 Management Information Systems	3	
<b>TOTAL FOR BUSINESS COMMUNICATION MAJOR</b>		<b>120</b>

## BS with Computer Systems Management Major.

### REQUIREMENTS FOR THE BS WITH COMPUTER SYSTEMS MANAGEMENT MAJOR

Foundation Credit		75
General Education Core	25	
Electives / Technical / Occupational CIS 1103 Software Applications (recommended)	44	
Prerequisites: MAT 1203 Survey of Mathematics MGT 2603 Principles of Management	6	

Computer Systems Management Program		45
BIB 3813 Survey of Biblical Literature	3	
BUS 3003 Business Communication	3	
BUS 4943 Business Ethics	3	
MGT 3703 Management Information Systems	3	
MGT 3713 Operations Management	3	
CIS 3213 Telecommunications Networking	3	
CIS 3413 Computer Networks and Internets	3	
CIS 3423 Database Management Systems	3	
CIS 3433 Data Management and Data Warehousing	3	
CIS 3613 Systems Analysis and Design	3	
CIS 3733 Systems Security and Management	3	
CIS 4213 Decision Support and Expert Systems	3	
CIS 4313 E-Commerce	3	
CIS 4613 Applied System Analysis and Design	3	
CIS 4733 Project Management	3	

**TOTAL FOR COMPUTER SYSTEMS MANAGEMENT MAJOR 120**

## BS with Counseling Psychology Major.

### REQUIREMENTS FOR THE BS WITH COUNSELING PSYCHOLOGY MAJOR

<b>Foundation Credit</b>		<b>75</b>
General Education Core	25	
Electives / Technical / Occupational	41	
Prerequisites: PSY 1403 Preparation for Statistics PSY 2013 General Psychology PSY 3303 Statistics for the Behavioral Sciences	9	
<b>Counseling Psychology Program</b>		<b>45</b>
BIB 3813 Survey of Biblical Literature	3	
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 Science	3	
<b>TOTAL FOR COUNSELING PSYCHOLOGY MAJOR</b>		<b>120</b>



**BS with Early Childhood Major.** Admission to the program requires current employment in the field of Early Childhood.

**REQUIREMENTS FOR THE BS WITH EARLY CHILDHOOD EDUCATION MAJOR**

<b>Foundation Credit</b>		<b>75</b>
General Education Core	25	
Electives / Technical / Occupational	41	
Prerequisites: PSY 2013 General Psychology ECE Introductory Classes	9	

<b>Early Childhood Education Program (from below)</b>		<b>45</b>
BIB 3813 Survey of Biblical Literature	3	
ECE 3303 Legal Issues in Early Childhood Education	3	
ECE 3323 Assessment of the Young Child	3	
ECE 3343 Observation and Reporting	3	
ECE 3433 Creative Arts for Young Children	3	
ECE 4443 Emerging Language and Literacy	3	
ECE 4544 Family Education and Advocacy	3	
ECE 4613 Special Needs Children and Families (Main Campus)	3	
ECE 4623 Identifying and Serving the At-Risk Child (Mott and Macomb Campuses)	3	
ECE 4943 Ethics in Early Childhood Education	3	
MGT 3683 Small Business Management	3	
PSY 3013 Psychology of Personality	3	
PSY 3193 Infant and Toddler Development	3	
PSY 3203 Child Development	3	
PSY 3213 Adolescent Development	3	
RDG 3413 Children's Literature	3	

**TOTAL FOR EARLY CHILDHOOD EDUCATION MAJOR 120**

**Mass Communication Program.** Fulfillment of degree requirements requires completion of either the radio or video course at Specs Howard School of Broadcast Arts.

**REQUIREMENTS FOR THE BS WITH MASS COMMUNICATION MAJOR**

<b>Foundation Credit</b>		<b>75</b>
General Education Core	25	
Electives / Technical / Occupational	26	
Production Core and Concentration (radio or video) at Specs (students who take both radio and video will earn 36 hours)	24	

<b>Mass Communication Program</b>		<b>45</b>
BIB 3813 Survey of Biblical Literature	3	
COM 2513 Communication Theory	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 3013 Media Theory	3	
MED 3323 Research Methods in Media	3	
MED 3633 Media Criticism	3	
MED 4513 Public Relations Writing	3	
MED 4943 Media Ethics (note - 3 credit hour version online)	3	
MGT 3513 Studies in Marketing	3	
RHE 2223 Public Speaking	3	
THE 3313 Oral Interpretation of Literature	3	

**TOTAL FOR MASS COMMUNICATION MAJOR**

**120**

## COURSES SPECIAL TO CEL

The following courses are offered for credit primarily in programs that are offered by the College of Extended Learning. Other courses required for CEL programs are listed by department on pages 113-57.

**BIB 3123 Old Testament Prophets.** Historical, literary, cultural, and theological analysis of the entire Old Testament prophetic books, Isaiah through Malachi. Prerequisite: BIB 2983.

**BIB 3813 Survey of Biblical Literature.** An introduction and survey of the writings of both the Old and New Testament. In addition to exploring the contents of these writings, the course includes a review of the origin, historical setting, authorship, date, purpose of writing, and theological perspective of selected sacred text. Special attention is also given to the development of the biblical canon of Scripture, and the history of the English Bible. May not be taken with BIB 1013 or 1023.

**BUS 3423 Studies in Economic Issues.** 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 1000 New Student Orientation.** All CEL students must attend a new student orientation prior to their first semester at Rochester College.

**ECE 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.

**CIS 3413 Computer Networks and Internets.** Fundamentals of linking organizational PC's with the Internet and development of an organizational intranet which draws from several data sources.

**CIS 3423 Database Management Systems.** Database design, data structures, and database administration in a business environment. Also, file processing with multiple databases.

**CIS 3433 Data Management and Data Warehousing.** Emphasizes the techniques for determining database requirements and managing organizational data resources. Also presents strategies for designing database management systems (DBMS), and explores data modeling concepts together with the concept of "shared enterprise data." Topics include data as a resource, strategic data architectures, database management concepts, security, backup and recovery, concurrency, data modeling and logical vs. physical databases. Data warehousing techniques and mod-

eling will be a major emphasis of this course. Prerequisite: MGT 3703.

**CIS 3613 Systems Analysis and Design.** Business application systems development, behavior considerations in the development process, feasibility assessment, requirement analysis, and communication skills. Emphasis on prototyping.

**CIS 3733 Systems Security Management.** Introduces students to various aspects of information security, including: the types of threat and the extent of potential damage (risk assessment), the information security architecture, the organizational structure, the government regulations and policies, the technological issues, and the estimate of corporate investment in information security.

**CIS 4213 Decision Support and Expert Systems.** Presents the fundamentals of 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. Prerequisite: MGT 3703.

**CIS 4313 E-Commerce.** Provides an overview of e-commerce issues and topics that will include business models, hardware platforms, security, payment methods, out-sourcing, and management. Will allow

students to analyze and evaluate tools, techniques and methods for developing and implementing an e-commerce strategy. Hardware and software requirements and alternatives will also be assessed. Prerequisite: CIS 3413.

**CIS 4613 Applied System Analysis Design.** Continuation of CIS 3613: System design and implementation in a business environment. Implementation of computer application required. Prerequisites: CIS 3613.

**CIS 4733 Project Management.** Introduces analysis requirements, budgets, risk assessment, and plan development of computerized information systems. Considers the context of the business organization, using processes and management skills necessary for successful project management. Topics include project scope, estimating, scheduling, tracking and controlling. Prerequisites: MGT 3703 and CIS 4213.

**ECE 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.

**ECE 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.

**ECE 3323 Assessment of the Young Child.** Examination, use, and interpretation of formal and informal measures used to assess the physical, emotional, social, and intellectual development and growth of a young child. Emphasizes developmentally-appropriate assessment instruments and alternative assessment procedures. Prerequisite: ECE 2413.

**ECE 3343 Observation and Reporting.** Various methods for observation of preschool children involved in daily classroom activities. Includes appropriate methods for recording observations of their behavior. The importance of observation in evaluation, parent communication, and classroom planning is emphasized.

**ECE 3433 Creative Arts for Young Children.** Examination, rationale, and experiences in the creative use of art, music, movement, drama, literature, and storytelling. Prerequisite: ECE 2413.

**ECE 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. Prerequisite: ECE 2413.

**ECE 4533 Family Education and Advocacy.** Family dynamics and parenting styles and their impact on the development of the young child. The effects of cultural and societal differences, including working with single parent families and special family circumstances. Focus on the role of the child care professional in educating and empowering the family.

**ECE 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.

**ECE 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.

**ECE 4943 Ethics for Early Childhood Education.** 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.

**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.

**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; 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.

**PLA 2100 Portfolio Development.**

Introduction to the development of a four-part portfolio for the purpose of writing prior learning essays that reflect work and life experiences equivalent to college-level learning. Defines and explains terms, and clarifies difference between life experience and college-level learning. Course provides assistance in selecting and developing essays for the purpose of petitioning for academic credit in specific academic areas.

**PSY 1001 Writing in APA Style.**

Writing and revising academic and research papers using the American Psychological Association (APA) Style. A study of APA paper format guidelines including style, usage, structure, organization, references, citations, and grammar.

**PSY 1403 Preparation for Statistics.**

Introduction to basic statistical concepts, sample data, frequency distributions, probability, central tendency, variability, and hypothesis testing.

**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.

**Three-hour versions of courses offered by the other colleges:**

**BIB 2213 Life of Christ**

**BIB 3263 Hebrews**

**BIO 1003 Environmental Science**

**BIO 1023 Biology II**

**BUS 4943 Ethics in Business**

**CIS 1103 Software Applications**

**NSC 1003 Earth Science**

**PHI 4933 Introduction to Ethics**

**PSY 4943 Ethics in Behavioral Science**



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Ph.D., University of Nebraska at Lincoln

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B.A., University of Michigan  
M.A., Wayne State University  
Ph.D., Wayne State University

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B.S., Freed-Hardeman University  
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- Estate Planning and Major Gifts  
B.A., Pepperdine University  
M.A., Villanova University

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### **Don Robinson**

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B.S., Oalkand University

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Board of Regents Chairman

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President, Alumni Association

### **Linda Jones**

President, Associates of Rochester College

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Chancellor Emeritus

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Assistant to the President

### Academic

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Associate Dean, College of Arts and Sciences

**Jennifer L. Hamilton, Ph.D.**

Dean, College of Arts and Sciences

**Jeffery A. Simmons, Ph.D. Cand.**

Dean, College of Business and Professional Studies

**Anne Bryan, M.A.**

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**Tedd Case, M.A.**

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Director of Retention

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**Caye Randolph, M.A.T.**

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Education Certification Specialist

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**Burt Rutledge**

Supplemental Instruction Coordinator

**Donna Mosely**

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Librarian

**Barbara Huey, M.S.W.**

Librarian

**Jeanette MacAdam**

Interlibrary Loan Manager

**Kristy Wells**

Technical Services Manager

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Enrollment Counselor

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**Elliot Jones**

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**Casey Remsing**

Publications Designer

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Director of Athletics and Head Coach, Varsity Basketball

**Dave Hutson**

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**David Crump**

Head Coach, Volleyball

**Jeff Debandt**

Head Coach, Women's Basketball

**Eric Diehl, M.S.**

Head Coach, Soccer

**George Evjen**

Head Coach, Junior Varsity Basketball

**Ron Keen**

Trainer

**Justin Lewis**

Head Coach, Softball and Assistant Intramural Director

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Muscular Therapist

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Director of Diversity Relations

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**Christi Day**

Cashier

**Roxana Florescu**

Accounts Payable Clerk

**Sue Grant**

Payroll Administrator

**Amy Maust**

General Ledger Accountant

**Kara Miller**

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Database Administrator

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Web Development Specialist

**William Waters**

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**Scott Samuels, M.S.**

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**Steve Corp**

Associate Campus Minister

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Assistant Dean of Students for  
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Ferndale-Hoggatt

**Jeanne Sandella**

Residence Hall Supervisor  
Gatewood Hall

**Teresa Whitt**

Reservations Coordinator

**Facilities****Scott Niemann**

Director of Beautification and Grounds

**Richard Eskelson**

Maintenance Supervisor

**FACULTY**

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 (\*).

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M.A., Vermont College

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Psy.S., Center for Humanistic  
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Ph.D., University of Detroit

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School of Law

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M.A., Anderson School of Theology  
M.S., Indiana University

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M.S., Oakland University

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# ITEMS OF RECORD

## COLLEGE STATUS

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).



The College also 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.

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ments of 1972, as amended, to not 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 Dr. Michael Westerfield, Compliance Coordinator at Rochester College.

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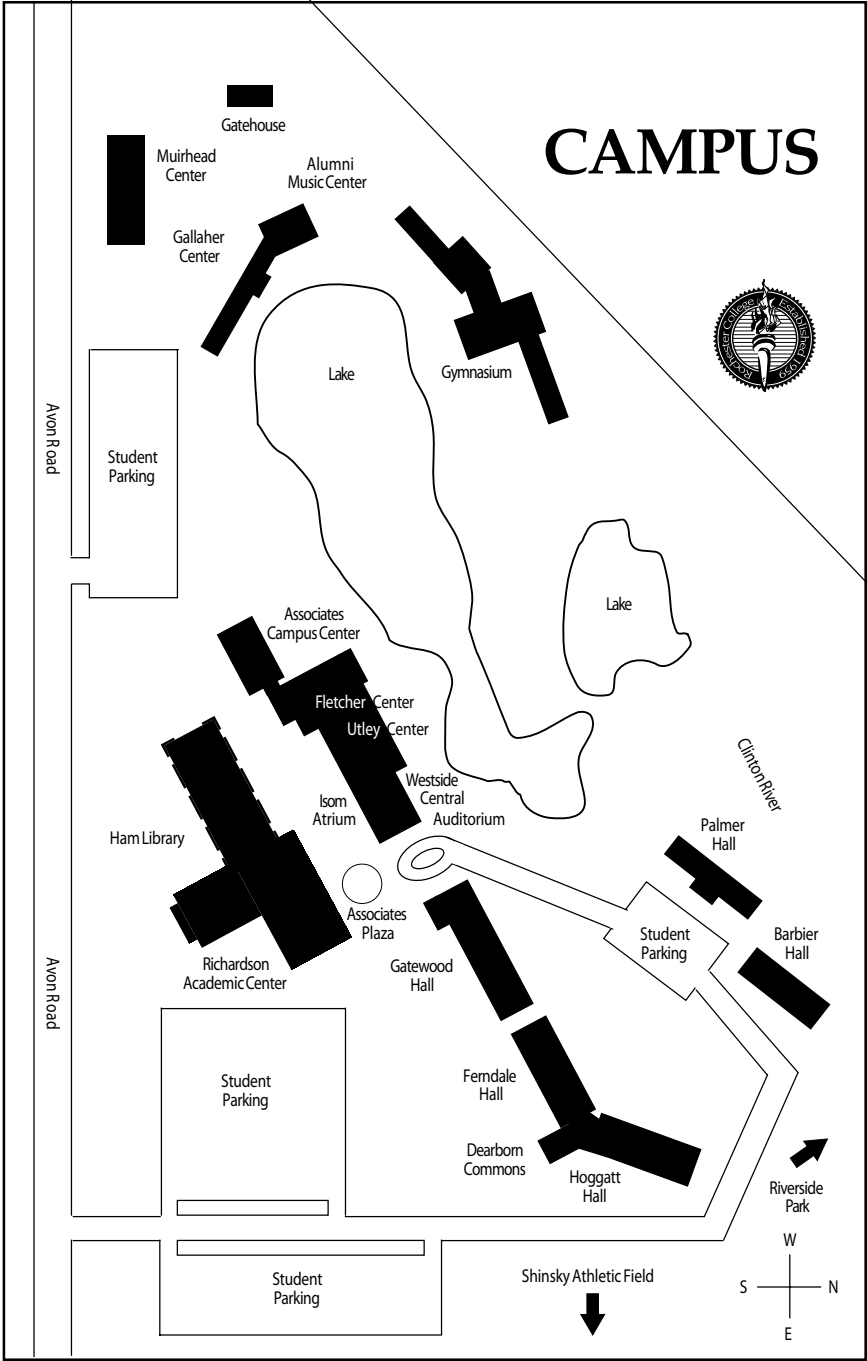
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Rochester College attempts to maintain the highest standards of accuracy with regard to the policies and degree programs outlined in this catalog. The College makes every reasonable effort to ensure that catalog changes are made known to students whose 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 [cmackenzie@rc.edu](mailto:cmackenzie@rc.edu) or call (248) 218-2096.



# INDEX

Academic Alert .....	42
Academic Center for Excellence (ACE) .....	41
Academic Information & Policies	
CEL .....	167-74
Traditional .....	41-49
Academic Probation .....	42
Academic Progress .....	28
Academic Renewal .....	42
Academic Support Services .....	41
Academic Suspension .....	42
A Cappella Chorus .....	11, 148
Accelerated Programs .....	178-85
Accommodations .....	45, 204
Accounting Major .....	105-6
Accreditation .....	41, 203
ACT .....	15, 16
Adjunct Faculty .....	198-202
Administration .....	193
Admission	
CEL .....	169-70
Traditional .....	15-19
Adult Education .....	167-89
Advanced Placement .....	47
Affiliate Contacts .....	192
Alpha Chi Honor Society .....	12
American Studies Minor .....	73
Appeals, Academic .....	43
Application Procedure .....	15-16
<i>Areios</i> Yearbook .....	12
Art Department <i>see Department of Music, Theatre, and Visual Arts</i> .....	86
Assembly .....	12
Associate of Arts Degree	
CEL .....	178
Traditional .....	54
Associate of Science Degree .....	55
Athletics	
Intercollegiate .....	12
Intramural .....	12
Attendance Policy	
CEL .....	171
Traditional .....	43
Audit .....	43
Autumn .....	11, 148
Behavioral Science	
BS Major .....	58-60
Concentration .....	80
Minor .....	60
Bible Department <i>see Department of Religion and Bible</i>	
Bible Requirement	
CEL .....	174
Traditional .....	44, 53
Biblical Languages Minor .....	96
Biblical Studies	
BS CEL .....	180
BS Major .....	92-93
Minor .....	93
Biology Courses .....	124-25
Biology Education Minor .....	101
Board of Trustees .....	191
Business Communication Major	
BBA Traditional .....	106
BS CEL .....	181
Business Department	
BBA Majors .....	105-9
Minor .....	109
Tracks .....	107
Calendar .....	2-3
Campus Map .....	205
Campus Ministry .....	12
Career Services .....	14
Celebration in Song .....	12
Chemistry Courses .....	127-27
Chorus .....	11, 148
Christian Emphasis .....	7-8
Christian Ministry Major .....	94
Christian Values Requirement	
CEL .....	171
Traditional .....	44, 53
Church History Courses .....	127
Classification .....	44
CLEP .....	47-48
College of Arts and Sciences .....	57-101
College of Extended Learning .....	167-89
College of Business and Prof. St. .....	103-17
Commencement .....	46-47
Communication and Theatre Department	
BA/BS Major .....	61-64
Concentration .....	81
Minor .....	64
Company .....	12
Computer Requirements .....	19
Computer Systems Management	
BS CEL .....	182
Concert Band .....	11, 149
Concurrent Enrollment .....	44, 182
Costs, Tuition, Fees	
CEL .....	175
Traditional .....	21-23
Counseling	
BS Track .....	58
Minor .....	60
Counseling Psych. Major, CEL .....	183
Counseling Services .....	14
Course Changes .....	44
Course Load	
CEL .....	171
Traditional .....	44-45
Course Numbering .....	119
Credit by Examination .....	47-48
DANTES .....	48

Degree Completion Programs.....	179-85	Guest Student Status .....	18-19
Degree Planning .....	51	Health Insurance .....	14
Degree Requirements .....	51	Hebrew Courses .....	137
Degrees		History and Political Science Department	
CEL .....	168	BA/BS Major .....	71
Traditional .....	50	Concentration .....	82
Delinquent Accounts		Minor .....	73
CEL .....	177	History Education	
Traditional .....	24	Major .....	72
Disability Accommodations .....	45, 204	Minor .....	73
Discounts .....	36	History of the College .....	7-8
DSST .....	48	Honor Societies .....	12
Dual Degrees .....	45	Honors	
Dual Enrollment .....	44, 171	CEL .....	172
Dual Majors .....	45	Traditional .....	47
Early Admission .....	18	Housing .....	13-14
Early Childhood Major		Humanities Minor .....	69
BS Major, CEL .....	184	IMAGE .....	13
Education Dept. Certification .....	111-16	Incompletes .....	47
Elementary Education .....	111-17	Independent Study .....	47
Emeriti .....	193, 202	Integrated Science Edu. Major .....	99-100
Employer Reimbursement .....	176	Interdisciplinary Studies Maj .....	77-78
Employment .....	39	International Students .....	18
English Department		International Studies .....	46
BA/BS Major .....	66-67	Journalism <i>see Professional Writing</i>	
Minor .....	69	Journalism Courses .....	140
English Education		Language Arts Education Major .....	68-69
Major .....	67-68	Life Experience Credit .....	172
Minor .....	69	Literature	
English Qualifying Exam .....	51	Concentration .....	82
Enrollment Procedure .....	15-16	Track .....	66
Equal Opportunity .....	203-4	Loans .....	36-38
Expenses, Tuition, Fees		Location of the College .....	8
CEL .....	175	Macomb Community College .....	167
Traditional .....	21-23	MACRAO .....	17, 41
Facilities .....	8-10	Majors .....	50
Faculty .....	196-202	Major Transfer .....	43
Fees, Tuition, and Costs		Management Major	
CEL .....	175	BBA CEL .....	179
Traditional .....	21-23	BBA Traditional .....	107
Film Courses .....	135	Concentration .....	83
Final Examinations .....	45	Minor .....	109
Financial Aid .....	27-39	Marketing Major	
Financial Aid Application .....	27-28	BBA Major .....	108
Foreign Language <i>see Department of English</i>		Minor .....	109
and <i>Foreign Lang.</i> .....	65-66	Mass Communication Major	
French Courses .....	136	CEL .....	185
Freshman Seminar .....	45	Traditional .....	63-64
GED .....	15	Mathematics	
General Education Core .....	52-53	Concentration .....	83-84
General Science Concentration .....	81	Minor .....	101
GEO Program .....	46	Math Education	
Geography Courses .....	130	Math Education Major .....	100-101
Grades .....	46	Math Education Minor .....	101
Graduation .....	46-47, 51	Media Courses .....	143
Grants and Awards .....	29-37	Media Track .....	62
Greek Courses .....	136-7	Ministry Courses .....	145-46
Greek Minor .....	96	Mission of the College .....	7



Missions, Student .....	13	Science	
Mott Community College .....	168	Concentration .....	81
Music, Theatre, and Visual Arts		Minor .....	101
Department		Science Education Major .....	99
BA/BS Major .....	86-87	Secondary Education .....	111-17
Concentration .....	83	SEM 1002 .....	45
Minor .....	88	<i>Shield</i> Newspaper .....	12
Music Groups, Student .....	11	Social Activities .....	11
Newspaper, Student .....	12	Social Clubs .....	12
Non-Discrimination Policy .....	203-04	Social Regulations .....	13
Nontraditional Credit		Social Science Minor .....	73
CEL .....	172	Social Studies Education Major .....	73
Traditional .....	47-48	Social Work	
On-Line Courses .....	172	Courses .....	163-64
Past Due Accounts		Minor .....	60
CEL .....	177	Track .....	59
Traditional .....	24	Sociology .....	163
Paying for College .....	21-39	Spanish Courses .....	163
Payment Plans		Special Courses .....	48
CEL .....	176	Special Student Status .....	19
Traditional .....	24	Specs Howard .....	62-63, 168
Philosophy Courses .....	153	Speech Communication Track .....	62
Physical Education Dept .....	91	Sports Management Major	
Physics Courses .....	154	BBA Major .....	19
Pied Pipers .....	12	Concentration .....	85
Placement Services .....	14	Staff .....	193-96
Political Science Courses .....	154-55	Student Government .....	11
Portfolio .....	172	Student Organizations .....	11-12
Pre-Law Concentration .....	84	Supplemental Instruction .....	41-42
Pre-Law Minor .....	73	Suspension, Academic .....	42
Prior Learning Credit .....	172	Teacher Certification .....	111-16
Probation, Academic .....	42	Technical Degree Programs .....	51-52
Program Objectives File .....	173-74	Technical Writing <i>see Professional Writing</i>	
Professional Writing		Theatre Courses .....	164-65
Concentration .....	84	Theatre Groups, Student .....	12
Minor .....	69	Theatre Minor .....	89
Track .....	67	Theatre Track .....	62
Psi Chi Honor Society .....	12	Transcripts .....	48
Psychology Department		Transfer to the College	
BS Major .....	58-59	CEL .....	170
Minor .....	60	Traditional .....	16-18
Re-enrollment .....	18	Trustees .....	191
Refunds and Credits		Tuition and Fees	
CEL .....	177-78	CEL .....	175
Traditional .....	24-26	Traditional .....	21-23
Registration .....	15-18	Tutoring .....	41
Religion Department		Veteran's Benefits .....	38-39
BS CEL .....	180	Vocational Rehabilitation .....	39
BS Majors .....	93-95	Withdrawal from College .....	24, 26
Concentration .....	84	Work Study .....	39
Minor .....	96	Writing Proficiency Requirements	
Senior Seminar .....	160	CEL .....	173
Renewal, Academic .....	42-43	Traditional .....	51
Repeating Courses .....	48	Yearbook .....	12
Residence Halls .....	10-11, 13	Youth and Family Ministry	
Rhetoric courses .....	161	Major .....	95
SAT .....	15, 16, 17	Minor .....	96
Scholarships .....	29-37		



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