



ROCHESTER — COLLEGE —

2004-2005



ROCHESTER COLLEGE CATALOG



2004-2005

**800 WEST AVON ROAD
ROCHESTER HILLS, MICHIGAN 48307**

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COLLEGE CALENDAR

FALL SEMESTER 2004

CEL Fall Session A Begins	August 16
Jump Start (New Student Orientation)	August 21-23
Transfer Student Orientation	August 23
Registration	August 23
Classes Begin in Traditional Program	August 24
Late Registration Deadline	August 31
Labor Day (no classes in Traditional Program)	September 6
Mid-Term Examinations in Traditional Program	October 6-9
CEL Fall Session A Ends	October 9
CEL Fall Session B Begins	October 11
Fall Break	October 11-12
Pre-enrollment for Spring 2005	October 25
Last Day for Class Withdrawal in Trad. Program	November 1
Fall Drama Production	November 11-14
Homecoming	November 13
Thanksgiving Break	November 24-26
Winter Banquet	December 10
Classes End in Traditional Program	December 10
CEL Graduate Brunch	December 11
CEL Fall Session B Ends	December 11
Final Examinations in Traditional Program	December 13-16
Winter Graduation	December 18
Residence Halls Close	December 18
Grades Due, Traditional College	December 20

WINTER 2005

Wintersession Classes	January 3-7
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SPRING SEMESTER 2005

CEL Spring Session A Begins	January 3
Residence Halls Open	January 9
Regular Registration	January 10
Classes Begin in Traditional Program	January 10
Martin Luther King Day (no classes in Traditional Program)	January 17
Late Registration Deadline	January 18
CEL Spring Session A Ends	February 26

CEL Spring Session B Begins	February 28
Mid-Term Examinations in Traditional Program	March 1-March 4
Spring Break	March 7-11
Good Friday (no classes in Traditional Program)	March 25
Easter Holiday (no classes in Traditional Program)	March 28
Last Day for Class Withdrawal in Traditional Program	March 29
Pre-enrollment for Fall 2002	April 4
CEL Spring Session B Ends	April 23
CEL Summer Session A Begins	April 25
Classes End in Traditional Program	April 29
CEL Graduate Brunch	April 30
Final Examinations in Traditional Program	May 2-5
Spring Graduation	May 7
Residence Halls Close	May 7
Grades Due, Traditional College	May 9

SUMMER 2005

Maymester Session A	May 9-20
Memorial Day (no classes in Traditional Program)	May 30
Maymester Session B	May 24-June 3
CEL Summer Session A Ends	June 18
CEL Summer Session B Begins	June 20
CEL Summer Session B Ends	August 13

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



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INTRODUCTION TO ROCHESTER COLLEGE



THE MISSION OF ROCHESTER COLLEGE IS TO ENGAGE STUDENTS IN A VIGOROUS LIBERAL ARTS EDUCATION WITHIN A CHRISTIAN COMMUNITY FOR A LIFE OF STUDY AND SERVICE.

WE AFFIRM:

- 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 1999, the college adopted a new strategic plan, *A Decade of Vision*, designed to guide the institution into the twenty-first century with additional programs and services.

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. Dozens of *Fortune 500* corporations and local organizations offer job and internship opportunities. 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, and the College of Extended Learning.

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

Gatehouse. Two classrooms house 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, and is slated for completion in December 2004. This building will feature a student center, a theatre, state-of-the-art science laboratories, and administrative offices.

Science Building. This building houses Science laboratories, and these will be used until the completion of the Richardson Academic Center. It also includes classrooms that can be used for a wide variety of other liberal arts curriculum.

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, and the White House presently accommodates 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, closets, chest-of-drawers, desks, chairs, and community baths. Each room comes with Internet and phone hookups.

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 beds, closets, chest-of-drawers, desks, and chairs. Phone hookups 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, closets, chest-of-drawers, desks, chairs, and carpet. Phone hookups are also available.

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 beds, closets, chest-of-drawers, desks, and chairs. Phone hookups are also available. Residents who live in Hoggatt Hall are also permitted to use the central kitchen.

Palmer Hall. Available to married and upper-level boarding students, each room features carpeting, a private bath, walk-in closet, outside entrance, and hookups for phone and Internet. Some rooms also include a kitchen. Palmer Hall is also the headquarters for the Campus Facilities 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 a campus hot spot.

Home of the Solid Rock Café, the Atrium is a place where students and faculty can grab a bite to eat, sit and chat, or meet with friends.

Rochester College Preschool. The preschool, housed in the neighboring 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 all-new 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.

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 SCENE

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 in Song. A centerpiece event on campus each spring, *Celebrationis* presented by the Music and Drama Departments in partnership with campus social clubs and features 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 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 drama groups featured by Rochester College. Students who exhibit vocal talent may join *A Cappella Chorus*, which performs at local, regional, and national events, or *Chamber Chorale*, which specializes in classical literature. *Autumn* performs contemporary Christian vocal music. Students with instrumental skills may try out for *Jazz Band*, which performs at local events and *Celebration in Song*.

Theatre. Aspiring actors and actresses may audition for frequent on-campus theatre productions, *Company*, a drama troupe that performs for teen audiences, or *Pied Pipers*, a children's improvisational drama troupe.

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

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 in Song*.

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 *Delta Psi Omega*, a national honorary theatre fraternity.

ATHLETIC ACTIVITIES

Intercollegiate. Rochester College competes in the National Small College Athletic Association. Men's varsity sports include basketball, baseball, soccer, cross country, and track. Women's varsity sports include basketball, volleyball, softball, cross country, track, and soccer. Roches-

ter College boasts a tradition of athletic excellence, winning national titles in men's basketball (1989, 2004), 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, track and field, and cross country. A men's and women's skills competition tests participants' athletic abilities.

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.

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. Mandatory campus curfew 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 regulations or civil law may lead to dismissal.

Enrollment at Rochester College serves as the student's agreement to abide by the college's standards of conduct. Students may not agree with all college standards but are nonetheless expected to demonstrate responsibility as well as character through honorable adherence to the policies. All students are expected to observe common courtesy and cooperation with one another.

RESIDENCE HALLS

Rochester College provides room and board for single students 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 on-campus, no-fee, short-term counseling is available on campus. Personal disclosure to counselors is confidential unless the student threatens himself or herself and/or others, or the student consents in writing to the release of confidential information. 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 of a non-refundable policy. (\$328.00 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, 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 orientation 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, administers computerized career assessments, provides 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 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. Men and women 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 159).

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.
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 \$130 (US). Upon enrollment, \$100 will apply to the required security deposit and will

be returned at the end of the academic year, less any outstanding charges. This fee is required for on-campus housing and is fully refundable if requested in writing, to the Enrollment Office, prior to May 1. After May, only the \$100 security 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 Accrediting Association of Bible Colleges, 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). 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 institution where it was taken. All work transferred from a junior college is considered lower-level credit except for 300-level courses taken in the

third year of an approved third-year program.

Transfer credit may apply toward a traditional degree, but is limited to: no more than 34 semester hours toward the Associate'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 162 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 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. 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, 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.

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 coun-

try 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) may also be required. 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 discussion, 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 is also wired for network ac-

cess. 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 2004-2005 academic year are:

	1 semester	2 semesters
Tuition and Required Fees		
Tuition (12-18 hours).....	\$5,290	\$10,580
Student Support Fee ¹	438	876
Total for Boarding Student.....	\$5,728	\$11,456

Commuting Student. Basic expenses for a full-time commuting student for the 2004-2005 academic year are:

	1 semester	2 semesters
Tuition and Required Fees		
Tuition (12-18 hours).....	\$5,290	\$10,580
Student Support Fee ¹	342	684
Total for Commuting Student.....	\$5,632	\$11,264

SCHEDULE OF CHARGES

Traditional Program, Tuition and Special Fees (refundable)

Full-time Block (per semester, 12-18 hours)	\$5,290
Outside Block (per semester hour over 18 or under 12)	340
Maymester or Wintersession (per semester hour)	255
Audit Fee (per course)	100

¹ 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.

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

All science lab courses	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)	163

Residential Fees and Deposits**Housing and Meal Plans (refundable)****Room Options**

Ferndale or Hoggatt	1,743
Barbier or Gatewood	1,603

Board Options

Option A - 19 meals/week	1,415
Option B - 14 meals/week	1,315

Cost Value (Room and Board together)

Ferndale or Hoggatt + Option A	3,158
Ferndale or Hoggatt + Option B	3,058
Barbier or Gatewood + Option A	3,018
Barbier or Gatewood + Option B	2,918

Married Housing (as available, first year)¹

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

Maymester Room and Board (per week)	150
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Wintersession Room and Board (per week)	150
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Room Security Deposit (any residential location)	150
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Private Room Fee (nonrefundable)

As available, additional per semester	342
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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

¹ 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)).....	328
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	30
Strong Interest Inventory	10
Student Identification Card Replacement	25
Student Support Fee ¹	
Boarding Students (per semester).....	438
Commuting Students (12 hours or more, per semester)	342
Commuting Students (less than 12 hours, per semester).....	171
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.

¹ See note 1 on page 21.

	Fall Semester	Spring Semester
Initial Payment	August 20	January 6
Installment 2	September 20	February 18
Installment 3	October 20	March 18
Installment 4	November 19	April 18

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 until all accounts are paid in full and Perkins Loan payments are current. 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	
Withdrawal on or before the first day of classes	100%
From second day through first 5% of enrollment period	90%
From first 5% through first 10% of enrollment period	75%
From first 10% through first 25% of enrollment period	50%
From first 25% through first 33% of enrollment period	25%
Beyond first 33% of enrollment period	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 below. Refund policies for the College of Extended Learning are described on p. 169. 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 acti-

vation, 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 relevant Academic Dean, 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 based on the student's 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, www.fastweb.com, or 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 Scholar Award, National Merit Scholarship, and Presidential Leadership Award 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**. Return the FAFSA to the Rochester College Financial Aid Office where it will be processed. The FAFSA may also be mailed directly to the government or it can be submitted online at www.fafsa.ed.gov. (these 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 in the mail. *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**.

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 ten percent tuition reduction. Must be full-time boarding student unless living with parent.

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 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 20 or higher on the ACT (SAT 950) can qualify for an Academic Achievement Scholarship, based on the values in the following chart:

ACT Score	SAT Score	Annual Award
36	1600	\$5,500
35	1560-1590	5,000
34	1510-1550	4,750
33	1460-1500	4,250
32	1410-1450	4,000
31	1360-1400	3,750
30	1320-1350	3,500
29	1280-1310	3,250
28	1240-1270	3,000
27	1210-1230	2,750
26	1170-1200	2,500
25	1130-1160	2,250
24	1090-1120	2,000
23	1060-1080	1,500
22	1010-1050	1,000
21	970-1000	750
20	950-960	500

CHART OF FINANCIAL AWARDS, 2004 - 2005

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 ¹	ACT 18; SAT 880
Christian Ministry Endowment	\$2,000	NA
Christian Missionary Service Scholarship	25% tuition for up to 18 hrs ¹	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 ¹	ACT 18; SAT 880
Dickinson Endowed Scholarship	\$1,200	NA

¹ When coordinated with federal, state, and other institutional aid.

Additional Requirements and Descriptions	Application Deadline	GPA to Renew
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 Everette 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, 2004 - 2005

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 ¹	NA

¹ When coordinated with federal, state, and other institutional aid.

Additional Requirements and Descriptions	Application Deadline	GPA to Renew
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, 2004 - 2005

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

¹ When coordinated with federal, state, and other institutional aid.

Additional Requirements and Descriptions	Application Deadline	GPA to Renew
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, 2004 - 2005

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 ¹	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

¹ When coordinated with federal, state, and other institutional aid.

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 borrow 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.

Additional Requirements and Descriptions	Application Deadline	GPA to Renew
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.

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 admin-

istered 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 cu-

mulative 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 Associate'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 encour-

aged to sign a form to apply all earnings directly to their student account. Student Pay 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 credit 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 currently located on the lower level of Gatewood Hall, and will be housed 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 two hours per week in the ACE lab, one hour with a tutor and one with an ACE staff member. 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 three hours per week with the ACE lab, two hours

with a tutor and one hour with an ACE staff member. 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 enroll-

ment 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, Division 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 eight 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.

Credits Transferred	Religion Requirement
1-15	16
16-31	14
32-47	12
48-63	10
64+	8

Associate's-level students must complete BIB 1013 and 1023. Bachelor's-level transfer students must complete BIB 1013, 1023, and an ethics course. Specific core requirements are explained in each degree plan.

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 163-64.

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 plus eight hours of Christian Values coursework.

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 CC-214. 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.

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; however, 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 dead-

lines for December and May graduations are November 1 and April 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 division chair.

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.

AP Test Name	Scores and Equivalents
Art, History of	3-5: ART 2003
Biology	3:5: BIO 1014
Calculus AB	3-5: MAT 2515
Chemistry	3-4: CHE 1514 5: CHE 1514, 1524
Comp. Sci. A	3-5: CIS 1102
Comp. Sci. AB	3: CIS 1102 4-5: CIS 1102, 2113
Economics - Macro.	3-5: BUS 2403
English Language and Composition	3-4: ENG 1113 5: ENG 1113, 1123
English Literature and Composition	3-4: ENG 1113 5: ENG 1113, 1123
Government & Politics / U.S.	POS 2013 (3, 4, 5)
History, European	3-4: HIS 1313 5: HIS 1313, 1323
History, United States	3-4: HIS 2513 5: HIS 2513, 2523
Music Theory	3-5: MUS 1213, 1211
Physics B	3-5: PHS 2013, 2211
Physics C: Mechanics	3-4: PHS 2013, 2211 5: PHS 2013, 2211, 2023 & 2221
Psychology	3-5: PSY 2013
Spanish Language	3: SPA 1214 4-5: SPA 1214, 1224
Statistics	3-5: MAT 2413

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 must register and pay for the exam one month prior to the exam date. Students may take CLEP exams at other testing centers at any time. CLEP general exams in English composition, humanities, natural science, and social science and history must be taken no later than the first test date following enrollment as a freshman. Contact the Director of Testing and Career Development for information.

CLEP Test Name	Equivalent Course
General Biology	BIO 1014
Introductory Accounting	ACC 2113, 2123
Introduction to Business Law	BUS 3303
General Chemistry	CHE 1514, 1524
Info. Systems / Comp. App.	CIS 1102
English Composition	ENG 1113
English Literature	ENG 3213
American Literature	ENG 3313
Western Civilization I	HIS 1313
Western Civilization II	HIS 1323

American History I	HIS 2513
American History II	HIS 2523
Trigonometry	MAT 1312
College Algebra	MAT 1323
College Algebra and Trigonometry	MAT 1335
Calculus with Elem. Functions	MAT 2515
Principles of Management	MGT 2603
Principles of Marketing	MKT 2503
American Government	POS 2013
Introductory Psychology	PSY 2013
Human Growth and Development	PSY 2223
Introductory Sociology	SOC 2013
College Spanish	SPA 1214

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 for information.

REGISTRATION

Students are expected to register for classes before the semester registration deadline. A student's registration may be considered void if he or

she does not attend one of the first two meetings of class. Late registration is permitted through the end of the first week of classes each semester. Satisfactory payment arrangements are required to complete the registration process.

REPEATING COURSES

Students may improve their 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.....	61
English.....	66
History.....	71
Interdisciplinary Studies.....	77
Interdisciplinary Studies with Honors.....	79
Music.....	87

Bachelor of Business Administration (BBA)

Accounting.....	100
Business Communication.....	101
Computer Systems Management.....	102
Management.....	103
Marketing.....	103
Sports Management.....	104

Bachelor of Science (BS)

Behavioral Science.....	58
Biblical Studies.....	90
Christian Ministry.....	91
Communication.....	61
Education, Elementary.....	110
English Education.....	67
History Education.....	72
Integrated Science Education.....	95
Language Arts Education.....	68
Mathematics Education.....	96
Social Studies Education.....	73
Education, Secondary.....	111
English Education.....	67
History Education.....	72
Mathematics Education.....	96
Social Studies Education.....	73
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.....	92

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.
4. Complete at least 12 hours of their major core at Rochester College.
5. 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.

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		
Christian Values		16
BIB 1013 Discovering the Old Testament	3	
BIB 1023 Discovering the New Testament	3	
BIB 2000 Level Textual	2	
Any other Religion or Philosophy 2000 or 3000 level and/or SOC 2453, ENG 2013	4	
PHI 4932 Introduction to Ethics	2	
Area-Specific Ethics (from BUS 4942; COM 4942; MIN 4942; PSY 4942; or PHI 4942) ¹	2	
Communication		9
COM 1013 Communication Basics	3	
ENG 1113 Composition A	3	
ENG 1123 Composition B	3	
Humanities		6
Fine Arts Appreciation (from ART 2003; FLM 2013, 2423, MUS 2303; THE 2003)	3	
Literature (from ENG 2013, 2413, 3213, 3223, 3313, 3323)	3	
Physical Education		2
Any PED Activity Course ²	2	
Science and Mathematics		9
Natural Science (must include one lab course)	6	
MAT 1103 or above ³	3	
Social Science		9
Any HIS	3	
Any POS	3	
From BUS 2403, 2413; COM 3533; GEO 1013, 3113; any HIS; any PHI; any POS; PSY 2013, 2113, 2223; SOC 2013, 2023, 2033, 2453; SWK 2013	3	
Total, General Education Core		51

¹ Beginning in Fall 2003, first-time Freshmen must replace this requirement with SEM 1002. See page 46 for information.

² Veterans may satisfy this requirement through their basic training.

³ Waived for Math ACT score of 25 or above and replaced with electives.

Associate of Arts Degree

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

REQUIREMENTS FOR THE ASSOCIATE OF ARTS DEGREE		
Christian Values¹		10
BIB 1013 and 1023 Discovering the Old Testament / New Testament	6	
BIB 2000 Level Textual and any other Religion or Philosophy 2000 or 3000 level and/or SOC 2453, ENG 2013	4	
Communication		9
COM 1013 Communication Basics	3	
ENG 1113 and 1123 Composition A and Composition B	6	
Humanities		6
Fine Arts Appreciation (from ART 2003; FLM 2013, 2423, MUS 2303; THE 2003)	3	
Literature (from ENG 2013, 2413, 3213, 3223, 3313, 3323)	3	
Physical Education		2
Any PED Activity Course ²	2	
Science and Mathematics		9
Natural Science (must include one lab course)	6	
MAT 1103 or above ³	3	
Social Science		9
Any HIS and any POS	6	
From BUS 2403, 2413; COM 3533; GEO 1013, 3113; any HIS; any PHI; any POS; PSY 2013, 2113, 2223; SOC 2013, 2023, 2033, 2453; SWK 2013	3	
Electives		19
TOTAL FOR ASSOCIATE OF ARTS		64

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

² Veterans may satisfy this requirement through their basic training.

³ Waived for Math ACT score of 25 or above and replaced with electives.

Associate of Science Degree

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

REQUIREMENTS FOR THE ASSOCIATE OF SCIENCE DEGREE		
Christian Values		10
BIB 1013 and 1023 Discovering the Old Testament / New Testament	6	
BIB 2000 Level Textual and any other Religion or Philosophy 2000 or 3000 level and/or SOC 2453, ENG 2013	4	
Communication		9
COM 1013 Communication Basics	3	
ENG 1113 and 1123 Composition A and Composition B	6	
Humanities		6
Fine Arts Appreciation (from ART 2003; FLM 2013, 2423, MUS 2303; THE 2003)	3	
Literature (from ENG 2013, 2413, 3213, 3223, 3313, 3323)	3	
Physical Education		2
Any PED Activity Course ²	2	
Science and Mathematics		11
Laboratory Science Sequence	8	
MAT 1103 or above ³	3	
Social Science		9
Any HIS, any POS, any Social Science (as defined in the AA plan)	9	
Additional Science		14
From BIO; CHE; CIS 2113 or above; MAT 1312 or above; and/or NSC; PHS		
Electives		3
TOTAL FOR ASSOCIATE OF SCIENCE		64

¹ A portion of the ten-hour requirement may be waived for transfer students. See page 44.

² Veterans may satisfy this requirement through their basic training.

³ Waived for Math ACT score of 25 or above and replaced with electives.

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COLLEGE OF ARTS AND SCIENCES

Dr. John Barton
Dean



DEPARTMENT OF BEHAVIORAL SCIENCES (PSY, SOC, SWK)

Sonja Barcus, Gordon MacKinnon, Toby Osburn,
Sarah Reddick, Brian Stogner (Chair)

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 behavioral 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). Psy-

chology 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

General Education Core		51
Behavioral Science Major		24
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	
Track: choose one		
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	
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Minor		18
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Electives		17
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TOTAL FOR BEHAVIORAL SCIENCE MAJOR		128
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BS with Psychology Major. Presents a broad study of human behavior and insight into psychology as a scientific discipline and professional career. Graduate work is required to certify for practice in most agencies and for licensure as a private therapist.

REQUIREMENTS FOR THE BS IN PSYCHOLOGY

General Education Core		51
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Psychology Major		36
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		7	
Choose 7 hours: PSY 3503 Cognitive Psychology PSY 3514 Learning and Memory PSY 3524 Sensation and Perception			
Advanced Core		8	
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			
Minor		18	
Electives		23	
TOTAL FOR PSYCHOLOGY MAJOR		128	

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 AND THEATRE (COM, FLM, JRN, MED, RHE, THE)

Kent Hoggatt, Andrew Kronenwetter (Chair),
Catherine Parker

MISSION STATEMENT

The Department of Communication and Theatre 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 and Theatre offers the BA and BS in Communication with tracks in Media, Speech Communication, and Theatre. 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, performance, 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.

REQUIREMENTS FOR THE BA / BS IN COMMUNICATION

General Education Core

51

Communication Major		33
COM 2513 Introduction to Communication Studies	3	
COM 4813 Senior Project	3	
Choose one: MED 3633 Media Criticism PSY 3323 Research Methods in the Social Sciences RHE 3333 Rhetorical Criticism	3	
Communication Core - choose two: COM 2233 Nonverbal Communication COM 2253 Listening COM 2613 Introduction to Public Relations COM 3513 Small Group Communication COM 3523 Interpersonal Communication COM 3533 Intercultural Communication COM 4613 Special Topics in Communication COM 4893 Internship	6	
Media Core - choose two: COM 4893 Internship FLM 2013 Film Appreciation FLM 2423 Film History FLM 3413 Film Genre FLM 3433 Film Theory FLM 4413 Seminar in Film JRN 1101 Newspaper Journalism JRN 2101 Yearbook Journalism MED 2513 Media Writing MED 3633 Media Criticism MED 4643 Religion and Popular Culture	6	
Theatre Core - choose two: COM 4893 Internship THE 1411 Stagecraft THE 1421 Theatre Workshop THE 2003 Appreciation of Theatre THE 2113 Technical Theatre THE 3113 Theatre for Young Audiences THE 3313 Oral Interpretation of Theatre THE 4113 Directing THE 4143 Theatre and Religion	6	
Rhetoric Core - choose two: RHE 2223 Public Speaking RHE 3333 Rhetorical Criticism RHE 3353 History of Rhetoric RHE 4313 American Public Address	6	

Track: choose one		12
Media Track (additional courses from the Media Core)	12	
Speech Communication Track (additional courses from Communication and/or Rhetoric Cores)	12	
Theatre Track (additional courses from Theatre Core) May also choose no more than one from: ENG 4213 Shakespeare Comedies and Histories ENG 4223 Shakespeare Tragedies ENG 4743 Studies in Genre: Drama	12	

Students must take MED 3033, MED 3633 or RHE 3333 in the track or the core.

Foreign Language (BA program only)	8
Minor	18
Electives	6-14
TOTAL FOR COMMUNICATION MAJOR	128

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.

REQUIREMENTS FOR THE BS IN MASS COMMUNICATION

General Education Core		51
Mass Communication Major		39
Communication Core		
COM 2513 Introduction to Communication Studies	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	
MED 4943 Media Ethics	3	
Production Core at Specs Howard		
RTB 1116 Broadcasting I	6	
RTB 1126 Broadcasting II	6	
Production Track: choose one		12
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	
Minor		18
Electives		8
CIS 1102 Software Applications of Computers (recommended)	2	
TOTAL FOR MASS COMMUNICATION MAJOR		128

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, SPA)

Thomas Golden, Jennifer Hamilton, Debbie Haskell, Pamela Light (Chair), Beth VanRheenen, Michael Westerfield

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 and Spanish languages. This coursework is designed to introduce students to the language, culture, and heritage of French and Spanish 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.

REQUIREMENTS FOR THE BA / BS IN ENGLISH		
General Education Core		51
English Major		28
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	
English Track: choose one		
Literature Track		
ENG 3000 level or above Literature	9	

Professional Writing Track		
Choose 9 hours: ENG 3523 Creative Writing ENG 3533 Technical Writing ENG 3613 Introduction to Linguistics ENG 4513 Media Writing ENG 4523 Advanced Composition JRN 1101 Newspaper Journalism ¹ JRN 2101 Yearbook Journalism ¹	9	

Foreign Language (BA program only)	8
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Minor	18
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Electives	14-22
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TOTAL FOR ENGLISH MAJOR	128
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BS with English Education Major.² Students may seek teacher certification at the elementary or secondary level with the English Education major. Elementary Education students will choose the Elementary Ed. minor, while Secondary Ed. students will choose a subject area minor from biology, history, or mathematics.

REQUIREMENTS FOR THE BS IN ENGLISH EDUCATION

General Education Core	51
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English Education Major		43
ENG 2113 Approaches to Grammar	3	
ENG 2413 World Literature Survey	3	
ENG 3513 Critical Writing and Literary Analysis	3	
ENG 3613 Introduction to Linguistics	3	
ENG 4413 Pluralism in American Literature	3	
ENG 4523 Advanced Composition	3	
ENG 4533 Senior Writing Project	3	

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

² Pending final approval by the Michigan Department of Education.

ENG 4811 Senior Seminar	1		
ENG 3213 or 3223 British Writers I or II	3		
ENG 3313 or 3323 American Writers I or II	3		
Choose one: ENG 4713 Studies in Genre: 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 Assess Strats in Lang Arts Edu (for Elem Edu) RDG 4603 Assess Strats in English Edu (for Sec Education)	3		
Minor			22-27
Professional Studies			36
TOTAL FOR ENGLISH EDUCATION MAJOR		152-157	

BS with Language Arts Education Major.¹ Students may seek teacher certification at the elementary level with the Language Arts Education major. Students choose the Elementary Education minor.

REQUIREMENTS FOR THE BS IN LANGUAGE ARTS EDUCATION

General Education Core		51
Language Arts Education Major		36
COM 2513 Communication Theory	3	
COM 3533 Intercultural Communication	3	
ENG 2113 Approaches to Grammar	3	
ENG 2413 World Literature Survey	3	
ENG 3613 Introduction to Linguistics	3	
ENG 4523 Advanced Composition	3	

¹ Pending final approval by the Michigan Department of Education.

MED 3633 Media Criticism	3	
RDG 3313 Children's Literature	3	
RDG 3413 Adolescent Literature	3	
RDG 4453 Writing Workshop	3	
RDG 4503 Assessment Strategies in Language Arts Education	3	
THE 3113 Theatre for Young Audiences	3	
Elementary Education Minor		23
Professional Studies		36
TOTAL FOR LANGUAGE ARTS EDUCATION MAJOR		146

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

English Education Minor.¹ 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.

¹ Pending final approval by the Michigan Department of Education.

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 social studies.

DEGREE REQUIREMENTS

BA/BS with History Major.

REQUIREMENTS FOR THE BA / BS IN HISTORY	
General Education Core	51
History Major	42
HIS 1313 Survey of Western Civilization I	3
HIS 1323 Survey of Western Civilization II	3
HIS 2513 United States History I	3
HIS 2523 United States History II	3
HIS 3423 Emerging Nations	3
HIS 3813 Historical Research and Writing	3
HIS 4813 Senior Project in History	3
Choose 21 hours: 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
Electives	9-17
Foreign Language (BA program only)	8
Minor	18
TOTAL FOR HISTORY MAJOR	128

BS with History Education Major.¹ Students may seek teacher certification at the elementary or secondary level with the History Education major. Elementary Ed. students will choose the Elementary Education minor, while Secondary Ed. students may choose a subject area minor from biology, English, or mathematics.

REQUIREMENTS FOR THE BS IN HISTORY EDUCATION	
General Education Core	51
History Education Major	42
HIS 1313 Survey of Western Civilization I	3
HIS 1323 Survey of Western Civilization II	3
HIS 2113 Michigan History	3
HIS 2513 United States History I	3
HIS 2523 United States History II	3
HIS 3423 Emerging Nations	3
HIS 3503 Women in American History	3
HIS 3813 Historical Research and Writing	3
Choose one: HIS 4503 Assess Strats in Social St Educ (for Elem Edu) HIS 4603 Assess Strats in Hist and Soc St Edu (for Sec 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
Minor	22-24
Professional Studies	36
TOTAL FOR HISTORY EDUCATION MAJOR	151-153

¹ Pending final approval by the Michigan Department of Education.

BS with Social Studies Education Major.¹ Students may seek teacher certification at the elementary or secondary level with the Social Studies Education major. Elementary Ed. students will choose the Elementary Education minor, while Secondary Ed. students may choose a subject area minor from biology, English, history, or mathematics.

REQUIREMENTS FOR THE BS IN SOCIAL STUDIES EDUCATION	
General Education Core	51
Social Studies Education Major	45
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 3813 Historical Research and Writing	3
Choose one: HIS 4503 Assess Strats in Social St Edu (for Elem Edu) HIS 4603 Assess Strats in Hist and Soc St Educ (for Sec Edu)	3
HIS 4813 Senior Project in History	3
POS 2013 National Government	3
POS 2023 Introduction to the American Legal System	3
Any HIS or POS 3000 or above	3
Minor	22-27
Professional Studies	36
TOTAL FOR SOCIAL STUDIES EDUCATION MAJOR	154-159

¹ Under review by the Michigan Department of Education.

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.¹ 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; POS 2023, 2043, 4913, 4013 or 4213.

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 (IDS, PHI)

John Barton, Director

MISSION STATEMENT

The Department of Philosophy and Interdisciplinary Studies 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

¹ Pending final approval by the Michigan Department of Education.

place across the spectrum of academic disciplines. Advances in science and technology, along with such realities as globalization and multiculturalism, make it clear that the boundaries between the traditional disciplines are not as distinct as once thought. It is now widely acknowledged that higher education must prepare students to think critically and creatively across traditional boundaries, 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

General Education Core	51
Liberal Arts Core	15
Courses completed for this core must be divided among at least three liberal arts areas, not including courses from the first and second areas of concentration. General education hours may not be used to meet this requirement. Nine of the fifteen hours must be Upper-Division.	

Professional Studies Major			48
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		
Electives			14
TOTAL FOR PROFESSIONAL STUDIES MAJOR			128

BS with Technical and Professional Studies Major. Allows students to incorporate technical training from another institution (e.g. from a certificate program) into a degree in professional studies.

REQUIREMENTS FOR THE BS IN TECHNICAL AND PROFESSIONAL STUDIES		
General Education Core	51	
Liberal Arts Core	15	
Courses completed for this core must be divided among at least three liberal arts areas, not including courses from the first and second areas of concentration. General education hours may not be used to meet this requirement. Nine of the fifteen hours must be Upper-Division.		
Technical and Professional Studies Major		
hours will vary		
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.	
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Electives	hours will vary
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TOTAL FOR TECHNICAL AND PROFESSIONAL STUDIES MAJOR	128
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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.

REQUIREMENTS FOR THE BA/BS IN INTERDISCIPLINARY STUDIES
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General Education Core	51
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Interdisciplinary Studies Core		15
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	

Interdisciplinary Studies Major			48
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)	

Foreign Language (BA program only)	8
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Electives	6-14
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TOTAL FOR INTERDISCIPLINARY STUDIES MAJOR	128
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BA in Interdisciplinary Studies with Honors. Allows qualified students the opportunity to significantly design their own degree plan in line with specific interdisciplinary interests. The program gives qualified students a tremendous level of flexibility to pursue specific interests and to explore the creative possibilities of Interdisciplinary Studies. For a student to qualify, the following criteria must be met:

1. New students must have a minimum ACT score of 27 or a minimum SAT score of 1200, and must have graduated from High School with a GPA of 3.5 or higher and/or be in the top ten percent of their graduating class.
2. Transfer students or continuing Rochester students who wish to enroll in this degree can use their college performances as criteria. They must have completed at least 30 hours of college credit with a minimum GPA of 3.2, with at least two faculty recommendations.
3. In order to receive this Honors degree, students must graduate with a minimum GPA of 3.4. If the student's final GPA is below 3.4, then the "Honors" distinction will be dropped from the degree, and the student's program will be considered under the normal Rochester College academic guidelines, and count as a normal BA in Interdisciplinary Studies.

Once the above criteria are met, the student must submit a proposal for his/her self-designed program, meeting the requirements outlined below. Proposals must be outlined on the "Proposal/Rationale Form" (available in the Department of Interdisciplinary Studies), and must be submitted to and approved by a committee consisting of: the Head of the Department of Interdisciplinary Studies, the Provost and/or relevant Academic Dean, and

one other appropriate faculty member that the committee will select. This process must be completed before 60 hours of credit is completed.

REQUIREMENTS FOR THE BA IN INTERDISCIPLINARY STUDIES WITH HONORS

General Education Core		51
These core requirements are flexible, but must include:		
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.		

Interdisciplinary Studies Core		15
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	

Foreign Language	8
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Self-Designed Program	54
At least 42 hours of the self-designed program must be Upper-Division hours.	

TOTAL FOR INTERDISC. STUDIES WITH HONORS	128
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Philosophy Minor. Requires 18 hours of PHI coursework, including PHI 2013.

Interdisciplinary Concentrations

Behavioral Science Concentration		24	
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		
Business Concentration			24
ACC 2113 Accounting I	3		
Choose one: BUS 2403 Macroeconomics 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		
MGT 2603 Principles of Management	3		
MKT 2503 Principles of Marketing	3		

Communication Concentration		24
Choose six hours: COM 2233 Nonverbal Communication COM 2253 Listening FLM 2013 Film Appreciation FLM 2423 Film History JRN 1101 Newspaper Journalism JRN 2101 Yearbook Journalism THE 1411 Stagecraft THE 1421 Theatre Workshop THE 2113 Technical Theatre	6	
Choose one course from any of the below categories	3	
COM 2513 Introduction to Communication Studies	3	
Choose one from Communication Studies: COM 3513 Small Group Communication COM 3523 Interpersonal Communication COM 3533 Intercultural Communication COM 3543 Communication Theory	3	
Choose one from Media Studies: ENG 4513 Media Writing FLM 3413 Film Genre FLM 3433 Film Theory FLM 4413 Seminar in Film MED 3633 Media Criticism MED 4643 Religion and Popular Culture	3	
Choose one from Rhetorical Studies: RHE 2223 Public Speaking RHE 3333 Rhetorical Criticism RHE 3353 History of Rhetoric RHE 4313 American Public Address	3	
Choose one from Theatre Studies: THE 2003 Appreciation of Theatre THE 3113 Theatre for Young Audiences THE 3313 Oral Interpretation of Literature THE 4113 Directing THE 4143 Theatre and Religion	3	
General Science Concentration		24
Select one Laboratory Science sequence (another sequence must be included in the General Education Core): BIO 1014 and 1024 Biological Science 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 PHS 3513 Modern Physics PHS 4612 Senior Seminar NSC 4901, 4902, or 4903 Special Topics in Science Laboratory Science sequence from previous page	16	
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History Concentration		24
Choose three: HIS 1313 Survey of Western Civilization I HIS 1323 Survey of Western Civilization II HIS 2513 United States History I HIS 2523 United States History II	9	
Choose five: 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	

Literature Concentration		24
ENG 3513 Critical Writing and Literary Analysis		
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	

Management Concentration		24
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	

Mathematics Concentration		24
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.		

Music Concentration		24
MUS 1211 Ear Training I and MUS 1213 Theory I	4	
MUS 1221 Ear Training II and MUS 1223 Theory II	4	
Choose 10 hours: MUS 3203 Keyboard Harmony MUS 3213 Form and Analysis MUS 3403 Conducting MUS 3503 Corporate Worship Design MUS 3603 Foreign Language Diction MUS 3611, 3612, or 3613 Special Topics in Music MUS 4203 Counterpoint MUS 4403 Vocal Pedagogy MUS 4413 Instrumental Techniques MUS 4503 Hymnology and Church Music MUS 4611, 4612, or 4613 Special Topics in Music	10	
MUS 3313 History of Western Music I	3	
MUS 3323 History of Western Music II	3	

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

Professional Writing Concentration		24
ENG 2113 Approaches to Grammar	3	
ENG 2513 Media Writing	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	

Religion Concentration		24
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	

Sports Management Concentration		24
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 AND FINE ARTS (ART, MUS)

Joe Bentley (Chair), Frank Pitts

MISSION STATEMENT

The Department of Music and Fine 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 with a Christian perspective, and to prepare them for additional study in conservatories and graduate schools of music.

In the Fine Arts, the Department strives to create an appreciation of various modes of creative expression. 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

Students may pursue the Bachelor of Science or Bachelor of Arts degree in music with a track in music education, music ministry, or vocal performance. There is also a music concentration for the interdisciplinary studies major, or a minor in music which may be elected to complement the Bachelor's degree. No more than 8 MUS ensembles or private lessons can be used as electives.

Art courses can be used to meet some of the Rochester College general education requirements and to serve as a platform for students pursuing a major or minor in art. Cooperative degree options allow students to complete one of two concentrations in a specialized field related to art.

CAREER OPPORTUNITIES

Music education students typically certify to become music teachers, choral directors, or band/orchestra directors at elementary and secondary schools. Music ministry students may become church worship leaders, music ministers, or to seek employment in the Christian entertainment industry. The vocal performance track prepares students to pursue a career in professional singing and/or studio voice teaching. Professional singers may find employment in opera, music theatre, professional ensembles, radio and television advertising, church and community choirs, or the armed forces. Graduate study is recommended for aspiring teachers but advancement in performance and ministry-related

fields is often achieved through experience.

Graduates who have a background in art are better qualified to pursue

occupations in education, art design, interior design, museum administration, art collection directorship, and other specializations in the fine arts.

DEGREE REQUIREMENTS

BA/BS with Music Major. May include tracks in music education, music ministry, or vocal performance.

REQUIREMENTS FOR THE BA / BS IN MUSIC		
General Education Core		51
Music Major		43
Choose 2 hours: MUS 1101 A Cappella Chorus MUS 1111 Chamber Chorale MUS 1121 Autumn MUS 1131 Spectrum MUS 1141 Jazz Band MUS 1151 Opera Workshop	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 4203 Counterpoint	3	
MUS 4601 Senior Seminar in Music	1	
Major Instrument or Voice	8	
Minor Instrument or Voice	4	
Track: choose one		12-13
Music Education Track: MUS 2403 Introduction to Music Education MUS 3403 Conducting MUS 4403 Vocal Pedagogy MUS 4413 Instrumental Techniques	12	

Music Ministry Track: MUS 2603 Sound System Technology MUS 3403 Conducting MUS 3503 Corporate Worship Design MUS 4503 Hymnology and Church Music	12	
Vocal Performance Track MUS 1151 Opera Workshop (3 times) MUS 2602-2612 Foreign Language Diction MUS 4403 Vocal Pedagogy MUS 4623 Senior Recital	13	
Foreign Language (BA program only)		8
Electives		13-22
TOTAL FOR MUSIC MAJOR		128

Music Minor. Requires MUS 1211, 1213, 1221, 1223, and ten hours of MUS, with 6 upper-division hours and no more than 2 hours of ensemble.

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. All music majors should complete a senior project as part of their degree program. Performance majors should perform a full-length recital to be supervised by the applied instructor. Music Education

and Music Ministry majors may elect to write and present a scholarly paper directed 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 electives from music courses in other tracks or 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 (major and minor instrument or voice). If MUS 3314 or MUS 3324 are taken to fulfill a por-

tion of the general education requirement, those hours are replaced with electives.

DEPARTMENT OF PHYSICAL EDUCATION (PED)

David Hutson, 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.

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

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

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 advanced biblical studies, with majors in biblical studies, Christian ministry, or 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 stud-

ies, 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.

REQUIREMENTS FOR THE BS IN BIBLICAL STUDIES		
General Education Core ¹		51
Biblical Studies Major		48-49
BIB 3000 or 4000 level textual with both Old and New Testament courses included (3 hours must be 4000 level)	14	
Choose one:	3	
BIB 4183 History and Literature of the Old Testament BIB 4293 History and Literature of the New Testament		

¹ In the Christian Values unit of general education, Biblical Studies majors must take BIB 1013, 1023, BIB 2983, MIN 2513, MIN 4942; PHI 4942. PSY 2013 is required in the Social Science unit.

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		
DOC 4963 Systematic Christian Doctrine	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		
Additional Language Track: choose one			7-8
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		
Minor		18	
Electives		10-11	
TOTAL FOR BIBLICAL STUDIES MAJOR		128	

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

REQUIREMENTS FOR THE BS IN CHRISTIAN MINISTRY

General Education Core¹

51

¹ In the Christian Values unit of general education, Biblical Studies majors must take BIB 1013, 1023, BIB 2983, MIN 2513, MIN 4942; PHI 4942. PSY 2013 is required in the Social Science unit.

Christian Ministry Major		47
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	
DOC 4963 Systematic Christian Doctrine	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 Ministry and Congregational Life	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	
Minor		
Electives		12
TOTAL FOR CHRISTIAN MINISTRY MAJOR		128

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

REQUIREMENTS FOR THE BS IN YOUTH AND FAMILY MINISTRY

General Education Core¹	51
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¹ In the Christian Values portion of general education, biblical studies majors must take BIB 1013, 1023, BIB 2983, MIN 2513, MIN 4942 and PHI 4942. PSY 2013 is required in the Social Science portion of the degree plan.

Youth and Family Ministry Major		47
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	
DOC 4963 Systematic Christian Doctrine	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 3363 Youth and Media	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	
Minor		18
Electives		12
TOTAL FOR YOUTH AND FAMILY MINISTRY MAJOR		128

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, Gary Turner, Vivian Turner, Carol Van Hooser

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 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, nursing, chemical research, pharmacy, veterinary science, engineering, environmental biology, environmental science, and other scientific fields.

Many careers require analytical and critical thinking skills taught in

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

DEGREE REQUIREMENTS

BS with Integrated Science Education Major.¹ Students may seek teacher certification at the elementary level with the Integrated Science Education major. Students choose the Elementary Education minor.

REQUIREMENTS FOR THE BS IN INTEGRATED SCIENCE EDUCATION

General Education Core		51
Integrated Science Education Major ²		44
BIO 1014 Biological Science I	4	
BIO 1024 Biological Science II	4	
BIO 2013 Introduction to Human Anatomy and Physiology	3	
BIO 2224 Introductory Botany and Zoology	4	
CHE 1514 College Chemistry I	4	
CHE 1524 College Chemistry II	4	
NSC 1004 Earth Science with Lab	4	
NSC 3114 Earth's Waters	4	
NSC 4503 Assessment Strategies in Science Education	3	

¹ Pending final approval by the Michigan Department of Education.

² MAT 1335 Pre-Calculus is a required support course for the Integrated Science Education major.

NSC 4612 Senior Seminar	2	
PHS 2013 General Physics I and PHS 2211 Physics I Lab	4	
PHS 2023 General Physics II and PHS 2221 Physics II Lab	4	
Elementary Education Minor		21
Professional Studies		34
TOTAL FOR INTEGRATED SCIENCE EDUCATION MAJOR		150

BS with Elementary Math Education Major.¹ Students may seek teacher certification at the elementary level with the Elementary Math Education major. Students choose the Elementary Education minor.

REQUIREMENTS FOR THE BS IN ELEMENTARY MATH EDUCATION		
General Education Core		51
Elementary Math Education Major		36
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	
Elementary Education Minor		21
Professional Studies		36
TOTAL FOR ELEMENTARY MATH EDUCATION MAJOR		144

¹ Under review by the Michigan Department of Education.

BS with Secondary Math Education Major.¹ 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		
General Education Core		51
Secondary Math Education Major		37
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	
Minor		22-27
Professional Studies		36
TOTAL FOR SECONDARY MATH EDUCATION MAJOR		146-151

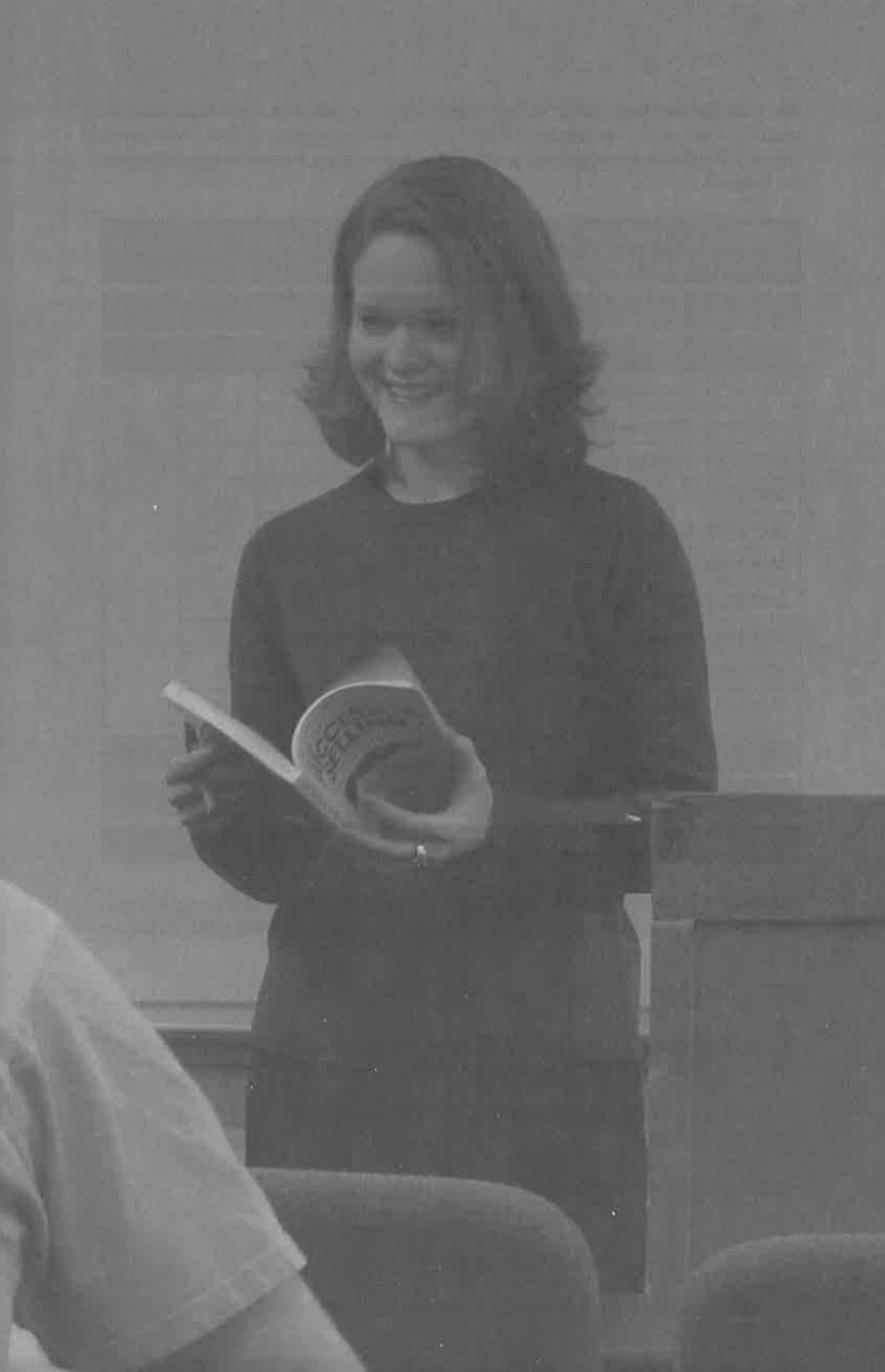
General Science Minor. Requires eight hours of BIO lab courses, eight hours of CHE, NSC, or PHS lab courses; and two hours of any BIO, CHE, NSC, or PHS.

Biology Education Minor.¹ 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.¹ MAT 2223, 2413, 2515, 2524, 3303 or 3623, 3613, 4653.

¹ Under review by the Michigan Department of Education.



COLLEGE OF BUSINESS AND PROFESSIONAL STUDIES



Mr. Jeffery Simmons
Dean

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

Jeff Cohu, Dannette Hardman, David Hutson, Joseph Reddick, Scott Samuels, Jeffery Simmons

MISSION STATEMENT

The Department of Business strives to provide a quality program in an atmosphere that challenges and enriches students, while preparing them to be successful in graduate studies or a career. Collaboration with the business community helps assure an education that is both practical and valued by employers. A commitment to biblical principles is integrated throughout the department.

ACADEMIC OPPORTUNITIES

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

CAREER OPPORTUNITIES

The Rochester College BBA and BS pay big dividends. Whether it's at a *Fortune 500* multinational or a small business of their own, professionals

who hold the BBA are well-prepared to succeed in modern business. A required business internship pro-

vides practical development and useful network contacts that lead to the right job after graduation.

DEGREE REQUIREMENTS

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

REQUIREMENTS FOR THE BBA IN ACCOUNTING		
General Education Core		51
Business Core		39
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	
MAT 2413 Elementary Statistics	3	
MGT 2603 Principles of Management	3	
MKT 2503 Principles of Marketing	3	
Accounting Major		26
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 I	3	
ACC 4133 Advanced Accounting	3	
ACC 4222 Accounting Seminar	2	
ACC 4313 Accounting Theory	3	

Electives		12
BUS 3313 Business Law II (recommended)	3	

TOTAL FOR ACCOUNTING MAJOR		128
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BS with Business Communication Major. Provides management, writing, and communication skills valued by employers.

REQUIREMENTS FOR THE BBA IN BUSINESS COMMUNICATION

General Education Core		51
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Business Core (as defined on p. 100)		39
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Business Communication Major		27
COM 3513 Small Group Communication	3	
COM 3523 Interpersonal Communication	3	
COM 3533 Intercultural Communication	3	
ENG 3533 Technical Writing	3	
ENG 4513 Media Writing	3	
MED 4513 Public Relations Writing	3	
ENG 4523 Advanced Composition	3	
MGT 3603 Organizational Behavior	3	
MKT 3543 Promotional Strategies	3	

Electives		11
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TOTAL FOR BUSINESS COMMUNICATION MAJOR		128
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Computer Systems Management Major. The computer systems management major provides specialized training in computer systems and management, along with the same business core required in the Rochester College BBA program. Students are exposed to essential business disciplines and an internship which allows them to apply classroom theory to “real world” situations. Many internships are available in the Greater Rochester/Rochester Hills area.

REQUIREMENTS FOR THE BBA IN COMPUTER SYSTEMS MANAGEMENT	
General Education Core	51
Business Core (as defined on p. 100)	39
Computer Systems Major	27
CIS 3413 Computer Networks and Internets	3
CIS 3423 Database Management Systems	3
CIS 3513 Web Based Application Development	3
CIS 3613 Systems Analysis and Design	3
CIS 4613 Applied System Analysis Design	3
CIS 4733 Project Management	3
MGT 3703 Management Information Systems	3
Choose two: CIS 3433 Data Management and Warehousing CIS 3733 Systems Security Management CIS 4213 Decision Support and Expert Systems CIS 4313 E-Commerce MGT 3713 Operations Management	6
Electives	11
TOTAL FOR COMPUTER SYSTEMS MGT. MAJOR	128

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.

REQUIREMENTS FOR THE BBA IN MANAGEMENT

General Education Core	51
Business Core (as defined on p. 100)	39
Management Major	15
MGT 3603 Organizational Behavior	3
MGT 3613 Human Resource Management	3
MGT 3713 Operations Management	3
Choose six hours: BUS 4901, 4902, 4903 Directed Study in Business COM 2613 Introduction to Public Relations MGT 3113 Personal Financial Management MGT 3623 Human Relations in the Workplace MGT 3643 Labor Relations MGT 3653 Leadership Theory MGT 3683 Small Business Management MGT 3703 Management Information Systems MGT 3723 Non-Profit Management	6
Minor	18
Electives	5
CIS 1102 Software Applications of Computers (recommended)	2
TOTAL FOR MANAGEMENT MAJOR	128

BBA with Marketing Major. Prepares students for marketing research, advertising, promotions, sales, public relations, and management.

REQUIREMENTS FOR THE BBA IN MARKETING

General Education Core	51
Business Core (as defined on p. 100)	39
Marketing Major	24
MKT 3513 Marketing Management	3
MKT 3533 Consumer Behavior	3

MKT 3543 Promotional Strategies	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 MKT 3523 Retail Marketing MKT 3563 Professional Selling MKT 3573 Service Marketing MKT 3583 Business-to-Business Marketing MKT 3593 Current Topics in Marketing	6	
Choose six hours: MGT 3113 Personal Financial Management 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 3703 Management Information Systems MGT 3713 Operations Management MGT 3723 Non-Profit Management	6	

Electives		14
CIS 1102 Software Applications of Computers (recommended)	2	

TOTAL FOR MARKETING MAJOR	128
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BBA with Sports Management Major. Prepares students for careers in fitness center management, sports public relations, recreation management, sports promotions, sports marketing, event management, and commercial/professional sports administration.

REQUIREMENTS FOR THE BBA IN SPORTS MANAGEMENT
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General Education Core	51
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Business Core (as defined on p. 100)	39
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Sports Management Major		24
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	

Electives		14
CIS 1102 Software Applications of Computers (recommended)	2	

TOTAL FOR SPORTS MANAGEMENT MAJOR	128
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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.

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

DEPARTMENT OF TEACHER EDUCATION (EDU, RDG)

Vikki Bentley (Chair), James Dawson, Judy Dunham, Linda Park

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. At this time, through a mentoring agreement with Madonna University in Livonia, Michigan, teacher candidates are recommended for certification. Candidates for Elementary Certification may major in one or more of the following content areas: English Education, History Education, Integrated Science Education, Language Arts Education, Secondary Math Education, and Social Studies Education. Secondary candidates may receive certification in one or more of the following content areas: Biology Education, English Educa-

tion, History Education, Secondary Math Education, and Social Studies Education. Some of these programs are under review by the Michigan Department of Education, and others have been reviewed and are awaiting final approval.

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

	Elementary	Secondary	
	Major	Major	Minor
Biology			X
English	X	X	X
History	X	X	X
Integrated Science	X		
Language Arts	X		
Mathematics	X	X	X
Social Studies	X	X	

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

Content areas under development include K-12 Music Education and Secondary Speech Education. Students who wish to pursue other content area majors and minors recognized by MDE may take them

through a cooperative program with Madonna University.

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 three 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: Pre-Admission. To begin Phase One, a student must have sophomore status (30 hours) with a cumulative GPA of 2.50. The first two courses in Phase One cover the foundational aspects of education, research and theory, and teaching and assessment principles. During this phase, preservice teachers complete two field experiences and seek admission to the program. As required by the Michigan Department of Education, preservice teachers also take the Basic Skills portion of the Michigan Test for Teacher Certification. Successful completion of all courses, field experiences, the Basic Skills Test, and admission requirements prepares the preservice teacher to enter the second phase.

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

- Completion of 60 hours with a minimum cumulative GPA of 2.70, with no grade below a "C" in the major and minor. 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.

mulative 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).
- Completion of ENG 1113 Composition A and ENG 1123 Composition B with a grade of B- or above. Transfer students should contact the Teacher Education Department to verify completion of this requirement.
- 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 ad-

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

Phase Two: Continuing Candidacy. Phase Two builds on the knowledge base of Phase I through the development of pedagogical skills and understanding. Candidates complete two school-based field experiences, a tutorial in a reading clinic (elementary), and a two-week immersion experience in a cross-cultural setting.

The second half of Phase Two requires teacher candidates to synthesize their earlier coursework and consider the environments that they will develop in their own classroom. Educational ethics, a distinctive course of the program, emphasizes appropriate interaction with all students and colleagues.

Candidates must earn a minimum grade of C in each Professional Studies course and satisfy all requirements in their majors and minors prior to directed teaching. A minimum overall grade point average of 2.70 must be maintained.

During the final semester of Phase Two, candidates enroll in an assess-

ment strategies course offered within their content area majors. Special consideration is given to the interdisciplinary connections between content area knowledge and professional preparation. An extended 60-hour field experience assesses teacher candidates' overall competencies and their readiness for student teaching.

Candidates must also take the appropriate subject-area tests (MITC) based on their majors and minors prior to directed teaching. Successful completion of all coursework, field experiences, and the subject-area tests concludes the second phase. Before being allowed to enter Phase III, teacher candidates will be required to complete an updated Criminal Record Disclosure.

Phase Three: Directed Teaching. Directed teaching, a full-time, 12-week assignment, is Phase III of the program. Teacher candidates must apply for admission to Directed Teaching prior to the semester during which they plan to student teach. Application deadlines are posted in the Teacher Education Department each semester. At the time certification is recommended, the teacher candidate must have a valid First Aid / CPR certificate.

One of the main goals of directed teaching is for teacher candidates to become lead teachers, assuming responsibility for all instructional and non-instructional duties. Both college supervisors and classroom teachers mentor student teachers. Successful completion of directed teaching concludes phase three.

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

General Education Core	51
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Content Area Major	36-45
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Professional Studies Core		36
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 Directed Teaching Seminar	1	
EDU 4728 Directed Teaching	8	
EDU 4943 Ethics and Philosophy of Education	3	
RDG 3303 Reading Foundations	3	

Elementary Education Minor		27
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	

TOTAL FOR DEGREE **150-159**

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.

REQUIREMENTS FOR BS WITH SECONDARY EDUCATION CERTIFICATION RECOMMENDATION

General Education Core **51**

Content Area Major **37-45**

Professional Studies Core **36**

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 Directed Teaching Seminar	1	
EDU 4728 Directed Teaching	8	
EDU 4943 Ethics and Philosophy of Education	3	
RDG 3403 Literacy in Secondary Schools	3	

Content Area Minor **22-27**

TOTAL FOR DEGREE **146-159**



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 I. 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 4213 Taxation II. Tax research methods and survey of federal income tax and procedures primarily as they pertain to partnerships, trusts, and estates. Topics include but are not limited to computerized and manual tax services, research methods, problems between part-

ners and partnerships, trust and estate operations and taxation. Prerequisite: ACC 3313.

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. Operational, 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 3133; CEL Prerequisite: ACC 3123.

ART

Art Division

ART 1413 Introduction to Drawing and Composition. Visual fundamentals as expressed through drawing and composition. Image formation, rendering techniques, and compositional theory and problems. Emphasis on line, shape, value, texture, space, and color.

ART 1423 Freehand Drawing and Composition. Explores various drawing media. Studio work in drawing and composition problems. Emphasizes individual creative expression. Prerequisite: ART 1413 or instructor permission.

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. Design principles used to organize compositions in a two-dimensional format: Balance, harmony, variety, dominance, and rhythm. Useful in several related areas of study, including academic preparation for career fields like publishing, drafting, and architecture.

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. History from creation up to the death of the patriarchs. Abrahamic covenant and the early Jewish nation.

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 2252 Old Testament Devotional Literature. The expression of Israel's faith as recorded in songs, prayers and psalms in the Old Testament. Attention to literary and historical contexts of these writings as well as their influence on contemporary spirituality.

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 relevancy. Selected topics include apocalyptic, eschatology, the nature of symbolism, the nature of biblical prophecy, and the issue of human suffering.

BIB 3293 The Gospel of Mark. A study of the Gospel of Mark. Attention will be paid to the literary aspects of Mark, its religious themes, its social and historical settings, and its theology.

BIB 4153 Pentateuch. Historical, literary, cultural, and theological

analysis of Genesis through Deuteronomy. Prerequisite: BIB 2983.

BIB 4193 The 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 4213 Luke-Acts. The birth and expansion of the early church in a historical, textual, and theological study of the book of Acts. Highlights the relevance of Acts to the contemporary church. 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 I and II 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 I, II, III John. Highlights the nature of Christ and early church problems. Prerequisite: BIB 2983.

BIB 4293 The 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.



Biology Division

BIO 1002 Environmental Science. Current environmental issues that contribute to understanding humanity's responsibility for the earth's resources. Includes acid rain, greenhouse effect, and toxic waste.

BIO 1012 Biological Science I. Topics from BIO 1014 for non-science majors. Meets first nine 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 nine 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, respi-

ratory, 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.

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 3203 Principles of Finance. Financial analysis, capital budgeting, asset valuation, working capital, credit policies, accrued and current debt policy, sources of long-term financial structure, costs of capital, dividend policy, and securities markets. Prerequisite: ACC 2123.

BUS 3303 Business Law I. Contracts, commercial sales (Uniform Commercial Code), secured transactions, 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. 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. Pre-requisites: 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.

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

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 applications 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 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.



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.

COM 2253 Listening. Theories and techniques of effective listening in interpersonal, intercultural, small group, and public contexts.

COM 2513 Communication Theory. Survey of communication theories and models upon which communication studies are built. Prerequisite: 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: COM 1013

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

COM 3523 Interpersonal Communication. Elements of communication between two or more persons in family, social, work, church, and computer-mediated settings. Prerequisite: 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: 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.

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.

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

COM/MED/RHE/THE 4613 Special Topics. Various Communication topics chosen by students or instructor.



Doctrine Division

DOC 3933 Christian Apologetics. Critical examination of philosophical and rational bases of Christian belief.

DOC 3943 Theology and Narrative in the Writings of C. S. Lewis. A study of the narratives of C. S. Lewis, including *Surprised by Joy*, *Till We Have Faces*, *The Great Divorce*, *The Chronicles of Narnia* and *The Ransom* (science fiction) trilogy, with emphasis on both their literary and theological characteristics.

DOC 4963 Systematic Christian Doctrine. Examines those Christian convictions that display the substance of Christian life and teachings, reflecting on formative biblical texts, the movement of Christian doctrine through history, and the manifestation of Christian doctrinal convictions in worship and Christian living. Prerequisite: Senior status.



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 instruction. Research-based principles and time-tested strategies are applied to the classroom in practical ways. Development of framework on which to build future experiences in the field of education and content areas. Thirty-hour field experience required. 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, informa-

tion 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 Directed Teaching Seminar (Elementary/Secondary).

Supports the directed 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 Directed Teaching.

EDU 4728/4828 Directed Teaching (Elementary/Secondary).

Final requirement for preservice teachers seeking elementary/secondary certification through Michigan Department of Education. The one-semester directed teaching assignment consists of 12 full weeks, resulting in eight hours of course credit. Co-requisite: EDU 4721/4821 Directed Teaching Seminar. Prerequisite: Admission to Directed 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.

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

ENG 4603 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.

The logo for the Film Division, consisting of the letters 'FLM' in a bold, serif font, centered within a dark gray rectangular box.

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: COM 2513, FLM 2013 or 2423.

FLM 3433 Film Theory. Major critical approaches to film. Prerequisite: COM 2513, FLM 2013 or 2423.

FLM 4413 Seminar in Film. Great filmmakers, foreign films, and social issues and film. Prerequisite: COM 2513, 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.

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 21st century gender equity. The role of feminist heroes and pioneers as well as the social-economic status of the

majority of American women is presented. The early struggles for equality and suffrage are traced to present day issues of gender discrimination. The focus is on the role of women as political and cultural leaders.

HIS 3513 American Diplomatic History. A critical look at major issues in American foreign policy from the birth of the Republic to the present. Interpretive examination covers origins of American diplomacy, expansionism, the Civil War, imperialism, world conflicts and the Cold War.

HIS 3523 Colonial and Revolutionary America. Examines the colonial heritage and founding years of the United States. Major topics include European colonization, English colonial politics and cultures, immigration and slavery, imperial relations, the Revolutionary War, and the U.S. Constitution.

HIS 3533 The Early American Republic. Examines developments in the first decades of the United States under the Constitution. Includes the rise of political parties, age of Jefferson, War of 1812, Market Revolution, revival and reform, Jacksonian democracy, expansion and war, slavery and sectionalism.

HIS 3543 The Gilded Age and Progressive Era. The developments in America that gave rise to big business, economic reactions, and social reform efforts. Areas of interest include the rise of industry and its relation to growth, urbanization, immigration, the labor movement, Populism and Progressivism.

HIS 3553 America in World Crises. An overview of the major twentieth-century upheavals that brought America into its dominant position in the world theater. An examination is given to the World Wars, the Depression and New Deal, and related political changes.

HIS 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 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 coursework.

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 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: Mini-

num Math ACT of 18 or minimum grade of C- in MAT 1003.

MAT 1213 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 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 2413 Elementary Statistics. Descriptive statistics, introductory probability, probability distributions, binomial and normal distributions, estimation, hypothesis testing, linear regression and correlation, and applications. May include multinomial experiments, statistical process control, or nonparametric statistics. Prerequisites: Mini-

mum 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 its 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 teacher 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: 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 4943 Media Ethics. The Major issues and perspectives involved in making ethical choices and/or evaluations in mediated messages.

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 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.

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 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.



Ministry Division

MIN 1411 Ministry Practicum. Practical experience in ministry at a local church or other religious organizations and programs. Opportunities for ministry experiences include: assisting in a youth ministry program, preaching, church education, assist in a Christian service project, and short mission trips. 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."

MIN 3323 Introduction to Preaching. Pulpit, classroom, and group methods of communicating the gospel. 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 Youth and Media. Audio and visual media in youth ministry and the influence of movies and music on today's youth. Instruction in the use of rented or purchased equipment in congregational youth work.

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 Ministry and Congregational Life. Explores the practical

activities of the congregational minister in light of biblical and theological models for ministry. Topics include administration and organization, teaching and education, ceremonial responsibilities (such as weddings and funerals), as well as matters of ministerial finance and legal obligations.

MIN 3613 Counseling for Ministers. Biblical, psychological, and practical guidelines for counseling in a church setting.

MIN 3623 The Church and Society. Explores the role of the church in society, theological centers that support evaluation of social institutions that call for Christian action, and the proper role of religion in public life.

MIN 4533 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 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.

MIN 4942 Ethics in Christian Ministry. Issues facing the minister, including biblical ministry concepts, personal conduct, use of time and money, responsibilities, relationship with church members and church leaders, counseling relationships, and family. Prerequisite: PHI 4932.



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 Promotional Strategies. 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.



Music Division

MUS 1011 Private Voice. Private vocal instruction. One hour of credit yields 12 half-hour lessons. Two hours of credit yields 12 one-hour lessons. Numbering accounts for study level and number of credit hours: e.g. MUS 2011, 2012, 3011, 3012, 4011, 4012. 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 half-hour lessons. Two hours of credit yields 12 one-hour lessons. Numbering accounts for the level of study and number of credit hours: e.g. MUS 2031, 2032, 3031, 3032, 4031, 4032. 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 half-hour lessons. Two hours of credit yields 12 one-hour lessons. Numbering accounts for study level and number of credit hours: e.g. MUS 2051, 2052, 3051, 3052, 4051, 4052. 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 10'61Private Strings. Private instruction on orchestral strings. One hour of credit yields 12 half-hour lessons. Two hours of credit yields 12 one-hour lessons. Numbering accounts for study level and number of credit hours: e.g. MUS 2061, 2062, 3061, 3062, 4061, 4062. 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 1111 Chamber Chorale. Small, mixed choral ensemble chosen from among the A Cappella Chorus. Performs classical choral literature ap-

propriate for a small ensemble. Some 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 1141 Jazz Band. Small instrumental ensemble performs diverse jazz styles. Primary focus on *Celebration in Song*, with some community performances. Prerequisite: By audition only.

MUS 1151 Opera 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 Community Instrumental Ensemble. One credit per semester for membership in a suitable off-campus, community-based instru-

mental ensemble. Subject to music department approval.

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. Fall, Spring.

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 3403 Conducting. Basic conducting and rehearsal techniques for directing instrumental and vocal ensembles.

MUS 3503 Corporate Worship Design. Liturgical practice from historical and practical perspectives. Highlights effective design for modern worship assemblies.

MUS 3603 Technology in Music. Setup, design, and operation of public address sound systems.

MUS 4203 Counterpoint. Contrapuntal voice leading from the 16th through the 18th centuries with focus on analysis and model composition. Prerequisite: MUS 1223.

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 4503 Hymnology and Church Music. Historical study of church music from the ancient Hebrews to modern times with an emphasis on congregational music.

MUS 4601 Senior Seminar in Music. Capstone course for all music majors. Includes preparation for post-graduation life and music program assessment. Music education majors and music ministry majors may elect to write a scholarly paper and present it in public. Prerequisite: Senior status.

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



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 Assessment Strategies in Integrated Science Education. Capstone course in the integrated science education major. Models re-

search-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.



Physical Education Division

Activity Courses satisfy the PED general education requirement.

PED 1011 Individual Sports. Badminton, pickleball, golf, table tennis, 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 (two credit hours).

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.



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 2232 Sports and Religion in American Culture. The moral and political power of sports and religion in American culture. An analysis of the historical evolution and development of sports and religion in American culture with particular emphasis on philosophical and ethical issues such as “winning at all costs”, the influence of media and money, piety and motivation, pre-game prayer, sportianity and success.

PHI 2242 Hollywood and Religion in American Culture. Exploring the treatment of biblical themes and theological topics within the entertainment industry. Selected topics include Christology, eschatology, death and dying, and social justice.

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 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 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 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.

PHI 4942 Ethics in Humanities. Ethical and moral dilemmas of humankind supported by content fields in the humanities. Compares major ethical approaches to the biblical standard.

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. American national political system and its interaction with, and impact on, business.

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 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.



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, per-

sonal adjustment, and the social and physiological bases of behavior.

PSY 2113 Psychology of Adjustment. Psychological approaches to everyday problems, coping skills, anxiety, personal growth and health, and interactions of individuals within personal and social environments.

PSY 2223 Life Span Development. Major theoretical foundations of the development of human beings across ages and cultures over the course of the life span. Emphasis on the integration of physical, cognitive, affective, social, as well as moral and spiritual development. Utilization of developmental research to address the scope of issues during the course of life.

PSY 3013 Psychology of Personality. Personality theories and the understanding of human development, psychopathology, and behavior. 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 psychology and the contemporary models of sociology, psychology, and counseling training. Emphasizes important contributions of major leaders and schools of psychology, and on current issues in the field of psychology. 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, achieve-

ment, 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 sub-

stance 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 contempo-

rary 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 relationships, behavior, conflicts, and relational resolutions. Explores principles of intervention as they relate to family systems theory and principles, multicultural differences, intergenerational and multigenerational issues, family processes, techniques, and professional issues. 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 in-

struction. 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. Presents 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 stu-

dents' written efforts. Prerequisite: RDG 3303.

RDG 4503 Assessment Strategies in Language Arts Education. Capstone course in the language arts education major. Application of linguistic theory to language arts education. Models a variety of research-based assessment strategies and methods for effectively teaching elementary and middle school language arts students. Teacher candidates research, design, and implement lessons that meet the state and national standards and gain practical tools to assess student growth. A supervised sixty-hour field experience is required.

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, DOC, MIN, or PHI course offered in the previous Fall semester.

RHE

Rhetoric Division

RHE 2223 Public Speaking. Public speaking theory and practice. Students prepare and deliver several types of speeches.

RHE 3333 Rhetorical Criticism. History and methods of rhetorical criticism. Theories and models in critical application to instances of contemporary and historical discourse. Prerequisite: 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.

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 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 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 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.

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.



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.



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 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.

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 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.

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.



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, CEL students enjoy the opportunity to make immediate use of their education in their daily lives and careers.

The CEL faculty consists of full-time instructors along with working professionals who share their "real

world" experience on a part-time basis. 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 Management or Accounting majors (pages 170-72).
- Bachelor of Science (BS) with a Biblical Studies major (pages 172-73).
- BS with a Computer Systems Management major (page 174).
- BS with a Counseling Psychology major (page 175).
- BS with an Early Childhood major (page 176).
- Associate of Arts (AA-page 178).

Macomb University Center Degree Completion Program Offerings:

- BS with a Business Communication major (page 173).
- BS with a Counseling Psychology major (page 175).
- BS with an Early Childhood major (page 176).

Mott University Center Degree Completion Program Offerings:

- BS with a Business Communication major (page 173).
- BS with an Early Childhood major (page 176).
- BS with a Counseling Psychology major (page 175).
- BS with a Computer Systems Management (page 174).

Specs Howard School of Broadcast Arts Degree Completion:

- BBA with a Management major (pages 171-72).
- BS with a Mass Communication major (page 177).
- Associate of Arts (page 178).

PROGRAM FEATURES

Program Design.

- Each Bachelor's degree completion program requires a total of 120 semester hours (123 semester hours for the business communication major).
- Each Bachelor's degree completion program requires 75 semester hours of foundation credit. This includes general education, technical, occupational, and elective courses (87 hours for the business communication major or 66 hours for the accounting major).
- Each Bachelor's degree completion program is 45 semester hours (36 hours for the business communication major and 54 hours for the accounting 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 stu-

dents 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 re-

quirements. If the student's GPA is below a 2.25 the petition must include a written rationale for why he or she believes they will succeed in a challenging accelerated adult program. 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. 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.

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.

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.

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

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 nontraditional avenues through which students can receive credit for those experiences.

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 meet-

ing 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. A computer with a Pentium processor with Word 2000, Internet capability, and an email account is required for enrollment in an online course. Students can access online courses through the WebCT course management system by logging into <http://warriornet.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 during and after the Fall 2001 semester 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 proficiency 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.

BBA Accounting Major

1. Ethics / Bible
2. Business Strategy and Policy
3. Any Business Course
4. Any BUS or MKT Course

BS Comp. Sy. Mgt. Major

1. Ethics / Bible
2. Project Management
3. Any CIS, BUS, MGT
4. Any Management Course

BBA Management Major

1. Ethics / Bible
2. Business Strategy and Policy
3. Any Business Course
4. Any Management Course

BS Biblical Studies Major

Any four courses taken from:
BIB, CHS, DOC, MIN, or PHI

BS Business Comm. Major

1. Ethics / Bible
2. Advanced Composition
3. Any Communication Course
4. Any Management Course

BS Early Childhood Major

1. Ethics / Bible
2. Family Education and Advocacy
3. Any PSY Course
4. Any ECE Course or RDG 3313

BS Counseling Psy. Major

1. Ethics / Bible
2. Psychology Seminar
3. Directed Research
4. PSY 3404, 3413, 3423, 4403, 4413, or 4423

BS Mass Comm. Major

1. Ethics / Bible
2. Senior Project
3. Any COM or THE Course
4. Any MED Course

- **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 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 date 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 stu-

dents 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 tem-

porary on-campus housing, he or she must adhere to all rules, regulations, 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) \$230

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) 80

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 will receive employer assistance may defer payment up to 5 weeks after the last day of the semester. Students must complete their employer's tuition assistance process so that timely payment is made on their account. They must also

submit (to the Business Office) documentation from their employer that verifies their eligibility. We must have documentation on file for students who have deferred payment 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 16	January 3	April 25
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%

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, science and history or another social science. A total of 25 credit hours is required.

BBA with Accounting Major.

REQUIREMENTS FOR THE BBA WITH ACCOUNTING MAJOR

Foundation Credit		66
General Education Core	25	
Electives / Technical / Occupational	32	
Prerequisites: MGT 2603 Principles of Management ACC 2113 Accounting I ACC 2123 Accounting II	9	

Accounting Program		54
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 I	3	

ACC 4133 Advanced Accounting	3	
ACC 4222 Accounting Seminar	3	
ACC 4313 Accounting Theory	3	
BIB 3813 Survey of Biblical Literature	3	
BUS 3003 Business Communication	3	
BUS 3033 International Business	3	
BUS 3203 Principles of Finance	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	
MKT 3513 Marketing Management	3	

TOTAL FOR ACCOUNTING MAJOR

120

BBA with Management Major.

REQUIREMENTS FOR THE BBA WITH MANAGEMENT MAJOR

Foundation Credit		75
General Education Core	25	
Electives / Technical / Occupational	50	
Management Program		45
ACC 2113 Accounting I	3	
ACC 2123 Accounting II	3	
BIB 3813 Survey of Biblical Literature	3	
BUS 3003 Business Communication	3	
BUS 3033 International Business	3	
BUS 3203 Principles of Finance	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	
MGT 2603 Principles of Management	3	
MGT 3603 Organizational Behavior	3	
MGT 3613 Human Resource Management	3	
MGT 3713 Operations Management	3	
MKT 3513 Marketing Management	3	

TOTAL FOR MANAGEMENT MAJOR

120

BS with Biblical Studies Major.

REQUIREMENTS FOR THE BS WITH BIBLICAL STUDIES MAJOR

Foundation Credit		75
General Education Core	25	
Electives / Technical / Occupational	50	

Biblical Studies Program		45
BIB 2213 Life of Christ	3	
BIB 2983 Biblical Interpretation	3	
BIB 3123 Old Testament Prophets ¹	3	
BIB 3213 Acts ¹	3	
BIB 3283 Revelation ¹	3	
BIB 3323 Romans and Galatians ¹	3	
BIB 3813 Survey of Biblical Literature	3	
CHS 3703 Survey of Church History	3	
DOC 3943 Theology / Narrative in the Writings of C.S. Lewis	3	
DOC 4963 Systematic Christian Doctrine	3	
MIN 3323 Introduction to Preaching ¹	3	

¹ BIB 2983 Biblical Interpretation is a prerequisite for this course.

MIN 3513 Theology of Ministry	3	
MIN 3623 The Church and Society	3	
PHI 3923 World Religions	3	
PHI 4933 Introduction to Ethics	3	

TOTAL FOR BIBLICAL STUDIES MAJOR 120

BS with Business Communication Major.

REQUIREMENTS FOR THE BS WITH BUSINESS COMMUNICATION MAJOR

Foundation Credit		87
General Education Core	25	
Electives / Technical / Occupational	56	
Prerequisites: MGT 2603 Principles of Management MGT 3603 Organizational Behavior	6	

Business Communication Program		36
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	

TOTAL FOR BUSINESS COMMUNICATION MAJOR 123

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 1003 Beginning Algebra 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 Inter / Intranet Development	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
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BS with Counseling Psychology Major.

REQUIREMENTS FOR THE BS WITH COUNSELING PSYCHOLOGY MAJOR

Foundation Credit		75
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	

Counseling Psychology Program		45
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	

TOTAL FOR COUNSELING PSYCHOLOGY MAJOR

120

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		
Foundation Credit		75
General Education Core	25	
Electives / Technical / Occupational	41	
Prerequisites: PSY 2013 General Psychology ECE Introductory Classes (CDA may be evaluated for acceptance)	9	
Early Childhood Education Program (from below)		45
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

Foundation Credit		75
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	

Mass Communication Program		45
BIB 3813 Survey of Biblical Literature	3	
COM 2513 Introduction to Communication Studies	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 Marketing Management	3	
RHE 2223 Public Speaking	3	
THE 3313 Oral Interpretation of Literature	3	

TOTAL FOR MASS COMMUNICATION MAJOR

120

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

REQUIREMENTS FOR THE ASSOCIATE OF ARTS DEGREE		
Christian Values		6
BIB 2213 Life of Christ	3	
PHI 3923 World Religions	3	
Communication		9
COM 1013 Communication Basics	3	
ENG 1113 and ENG 1123 College Composition A and B	6	
Humanities		6
ART 2003 Art Appreciation or FLM 2013 Film Appreciation	3	
ENG 2413 World Literature Survey	3	
Science and Mathematics		9
BIO 1003 Environmental Science	3	
MAT 1103 Intermediate Algebra	3	
NSC 1003 Earth Science	3	
Social Science		9
HIS 2523 United States History II	3	
POS 2013 National Government	3	
PSY 2013 General Psych. or SOC 2013 Intro. to Sociology	3	
Electives		23
TOTAL FOR THE ACCELERATED AA DEGREE		62

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.

ACC 4223 Accounting Seminar. Additional study in the development of cost and managerial accounting data for use in planning, control and decision making by managers. The course includes capital budgeting, segment performance, and decision-making behavior under uncertainty. This class is the final class taken by accounting majors.

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

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 in-

cluding 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. The cognitive development of young children is examined and applied to the use of space, materials, and personnel in providing the young child with an optimal environment in group settings.

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 top-

ics 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.

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

BIO 1003 Environmental Science

BIO 1023 Biology II

BUS 4943 Ethics in Business

MED 4943 Media Ethics

NSC 1003 Earth Science

PHI 4933 Introduction to Ethics

PSY 4943 Ethics in Behavioral Science



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George Evjen

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Vergil Smith

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Jeanne Sandella, Gatewood Hall

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Joe Mancuso

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Daryl Cooley

Jeff Ledger

Security

David Berry II

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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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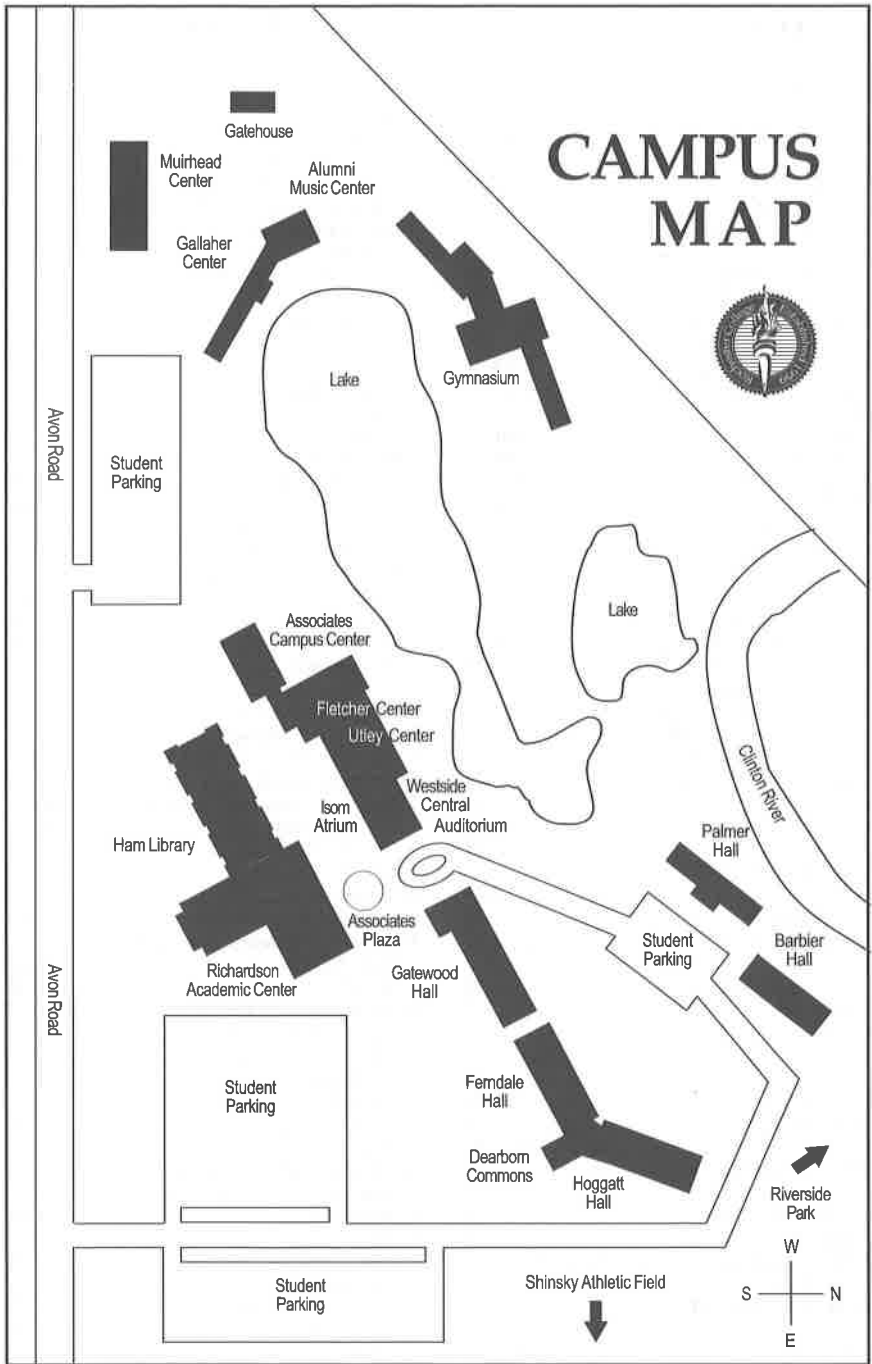
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