





# Rochester College

A LIBERAL ARTS COLLEGE  
IN A CHRISTIAN SETTING

## 2002-2003 CATALOG

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VOLUME 38

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## *Welcome to Rochester College*

Rochester College is an accredited, independent, coeducational, liberal arts college that pursues academic excellence in a Christian setting. 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.” Rochester College offers a traditional liberal arts education designed to help you make the most of your life, not just your career.

Historically, Rochester College has understood its mission to include instruction in fundamental ethical values. The College seeks to produce graduates who value people more than things and community more than self. The threads of character, integrity, and morality are woven into the campus culture to cultivate responsibility, justice, and compassion in the lives of graduates. Today’s employers are seeking such people.

Rochester College desires for you to master certain components of the Body of Knowledge. College faculty and administrators, however, emphasize that the skill of discernment holds greater value than a memorized or technologically accessible storehouse of knowledge.

In an age where graduates are mass-produced in large classes at major universities, Rochester College remains committed to personalized learning. Because the sacred exchange between teacher and student is the root of the college experience, you are not taught by graduate students at Rochester College, but by professors whose academic preparation, value system, and lifestyle are consistent with the high standards of the College.

The appealing size of Rochester College provides unique opportunities for you to develop close personal relationships with both students and instructors. In addition, you are challenged with numerous opportunities for leadership in student government, athletics, drama, music, social clubs, service organizations, and other exciting campus activities.

At Rochester College, you will benefit from personalized academic attention within a caring, faith-affirming campus community. You will share your learning experience with a talented and energetic student body that is enjoying time together at an outstanding small college.

Sincerely,



Kenneth L. Johnson  
President



**MISSION**

*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.*

Through our mission 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 connect coherently 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 sufficient for the challenges of post-modern thought and encourage the forging of relationships with others dedicated to that view.





## **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.”

The campus of Rochester College has grown to exceed eighty acres, assuring space for continued expansion. College leaders have continued to develop and modify programs to meet the needs of students and a changing society. 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, enrolled students arrive from more than twenty states and about ten different nations. Alumni are scattered all around the world.

### CHRISTIAN EMPHASIS

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 founders of the United States understood the importance of passing faith from generation to generation. **George Washington** declared: “You do well to learn our arts and ways of life, and above all, the religion of Jesus Christ. These will make you a greater and happier people.” **Thomas Jefferson** affirmed: “I have always said, I always will say, that the studious perusal of the sacred volume will make better citizens.” **Theodore Roosevelt** stated: “I wish to see Bible study as much a matter of course in the secular college as in the seminary. No educated man can afford to be ignorant of the Bible.”

The desires of great leaders in the history of the United States often are not achievable in public education, but they are achievable in the private college setting. The leaders of Rochester College believe that a knowledge of God and the Bible add value to society. Within that framework, the College provides a solid liberal arts education designed to develop leaders for a better nation and a better world.







## LOCATION

Rochester Hills, once a rural area surrounding the city of Rochester, 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 population of Rochester Hills to pass 70,000.

Upscale shopping centers, theaters, hundreds of popular restaurants, and the world-acclaimed Meadowbrook Theatre and Music Festival offer plenty of options for recreation. Dozens of *Fortune 500* corporations and local organizations offer job and internship opportunities.

Detroit, the nation's eighth-largest metroplex, features attractions such as the Henry Ford Museum and Greenfield Village, the Detroit Institute of Arts, the historic Fox Theatre, the Charles H. Wright Museum of African-American History, the newly-renovated Detroit Science Center, and the Detroit Zoo. Sports enthusiasts can attend games of the Detroit Tigers, Detroit Pistons, Detroit Lions, Detroit Red Wings, or other professional teams. Canada is accessible by bridge or tunnel less than an hour away.

## CAMPUS FACILITIES

Rochester College is located on 83 acres of suburban woodlands dotted with lakes and wetlands and bordered by the Clinton River. Since the mid-1990's, most of the College's facilities have been renovated.

**Ennis and Nancy Ham Library.** The new centerpiece of Rochester College's expanding campus, the 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 Ham Library houses five networked classrooms and a 32-terminal computer lab.

**Associates Campus Center.** The hub of learning at Rochester College, Campus Center is home to several state-of-the-art classrooms, a 30-terminal computer lab with Internet access, Student Services, and faculty offices.

**Westside Central Auditorium.** The place where Rochester College students meet every day for Assembly. The auditorium also hosts lectures, classes, theatre, music performances, and any other program that draws a large crowd.

**Science Building.** Features classrooms and science labs.

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

**Muirhead Hall (under renovation).** Home to the library since 1965, Muirhead Hall is now undergoing extensive renovations that will accommodate the college's adult education program (College of Extended Learning), classrooms, and family counseling services for students and the Greater Rochester community.

**Utley Center (under renovation).** Built as the student center in 1978, the Utley Center has been used for classroom space since the college's enrollment boom began in the late 1990s. This fall, the Utley center will become home to the all-new Rochester College Bookstore. Located adjacent to Isom Atrium (the current student center), 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.

**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.

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

**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 but students must provide their own phones. Residents may use Ferndale's central kitchen.

**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 but students must provide their own phones. Residents may use Hoggatt's central kitchen.

**Gatewood Hall.** 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 but students must provide their own phones.

**Barbier Hall.** 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.

**Palmer Hall.** Available to married and upper-level boarding students, each room features carpeting, a private bath, walk-in closet, outside entrance, phone and Internet hookup. Some rooms also include a kitchen.

**Gallaher Center.** Formerly a mansion, Gallaher Center now houses the administrative offices: President's Office, Business Office, Admissions, Financial Aid, Academic Services, and Alumni. The **Alumni Music Center** is also located in Gallaher Center.

**White House.** Originally a farmhouse, the White House has traditionally served as the college president's residence. These quarters were renovated in 2001, however, and the White House presently accommodates the Office of Institutional Advancement. The college president lives in an off-campus location.

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

**Rochester College Preschool.** The preschool, housed in a local church building, provides hands-on opportunities for education students.

## *Student Life*

### **CAMPUS SOCIAL SCENE**

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.

**Banquets.** Each year, Rochester College sponsors a spring and winter formal 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.** Often the most anticipated event on campus each year, *Celebration in Song* is 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 ORGANIZATIONS**

**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 fund-raising who 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* and *Spectrum* perform contemporary Christian vocal music. Students who like to groove may try out for *Jazz Band*, which performs at local events and *Celebration in Song*. *Focus* entertains teen audiences with a mix of music and drama.

**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 six 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/Honor Societies.** Any student may join *Students in Free Enterprise (SIFE)*, a national business-education organization sponsored by the Business Department. Certain 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, and track. Rochester College boasts a tradition of athletic excellence, winning national titles in men's basketball (1989), 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 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 expected to demonstrate responsibility and 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, full-time students. 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.

## **COUNSELING SERVICES**

Licensed counselors and a certified social worker offer on-campus, short-term counseling on a no-fee basis. Personal disclosure to counselors is confidential unless the student threatens him- 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.

## **CAREER SERVICES**

The Career Development Center offers guidance in major selection and career planning, which includes personality and skills assessment tests. The Career Center also provides current job listings, career fair listings, and an on-line job bank ([www.rc.edu](http://www.rc.edu)). Students may also participate in on-campus interviews with corporate recruiters and receive coaching in résumé preparation, interviewing skills, and graduate school seminars.

## **HEALTH INSURANCE AND SERVICES**

Rochester College offers a group accident and sickness insurance policy. Full-time students must purchase a policy, sign an exemption and show proof of coverage, or sign an exemption of coverage and refusal to purchase the College policy—thus releasing Rochester College from any liability for expenses due to accidents or sickness. The student invoice includes the cost of insurance. Payment includes 12 months of secondary coverage which applies to most emergencies due to accident, including hospital and doctor bills. Details are available from the Business Office.

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.

# Admissions

## ADMISSIONS PROCEDURE

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.

Complete each of the following steps to apply for regular admission to Rochester College. It is important to complete these steps as early as possible if also applying for College-funded scholarships or other types of financial aid. See the College of Extended Learning section for admission procedures for CEL programs (page 138).

1. Complete and submit an *Application for Admission* to the Admissions Office along with a nonrefundable *application fee* of \$25 (US only). Application forms are available from the Admissions Office upon request. Internet applications may be submitted at *www.rc.edu*.
2. Send a *high school transcript* to the Admissions Office. Students who have completed college work should direct their registrar to send 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 Admissions 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 Admissions 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 Admissions Office.
4. Submit a room reservation form and fee of \$125 (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 prior to May 1. After May, only the \$100 security deposit is refundable if requested 30 days prior to the last day of registration. Housing assignments are made on a first-come basis of paid application and room reservation fee-received date.



### **ADMISSION DECISIONS**

Rochester College seeks students who desire to excel academically, spiritually, and socially, and contribute to the campus culture. Acceptance is determined by high school or college grade point average (GPA), college entrance examination scores, moral character and integrity, and involvement and leadership in school, church, and community activities. Approval is granted on a rolling basis once all required credentials are received.

### **FIRST TIME IN COLLEGE**

High school graduates with less than 17 semester hours of secondary education 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 840.

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. Students admitted on academic alert will be limited to 12 first semester hours and may be required to take additional courses in basic English, reading, writing, mathematical skills development, and study habits training. Supplemental classes for specific courses may also be required.

**TRANSFER TO ROCHESTER COLLEGE**

Transfer students from other colleges or universities must provide an official transcript from each institution and complete the steps listed on page 14. 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.

For transferring students with a minimum 2.00 GPA, Rochester College accepts three semester hours, maximum, of D credit when transferring 25 to 49 hours, and six hours, maximum, of D credit when transferring 50 to 96 hours. If D credit hours exceed the limits, the Registrar determines which hours to accept. No D credit will be accepted on less than a 2.00 GPA.

**Transfer from accredited college or university.** Transfer credit from regionally-accredited colleges or universities may apply toward a traditional degree at Rochester College, but is limited to: No more than 34 semester hours toward the Associate's degree and 98 semester hours toward the Bachelor's degree. See page 142 for College of Extended Learning limits. Transfer credit is not applied to Rochester College GPA.

Students who hold the Associate's degree from another regionally-accredited college or university usually do not have to take the Rochester College lower-division general education requirements (if the Associate's degree is designed to provide the general background for the Bachelor's degree). The exception is the Rochester College Christian Values Requirement (see page 37) and any specific general education courses or prerequisites required for a major. The Associate's degree must include a minimum 25 hours in typical general education courses with at least one course each in written communication, oral communication, fine arts, literature, science, and history or another social science.

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 confirm that all MACRAO requirements are met. For more information, contact the Admissions Office.

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 37) and any specific general education courses or prerequisites required for a major.

**Transfer from nonaccredited college or school.** Rochester College accepts academic work from unaccredited, post-secondary institutions if three major colleges or universities located in the same state as the unaccredited institution, accept the institution's credits. The amount of credit Rochester College awards for work at unaccredited institutions is subject to the same limitations placed on work transferred from accredited colleges or universities (for these, look under TRANSFER TO RC on previous page).

Rochester College may also award credit for work completed at Bible colleges or preaching schools if the transferring institution's academic credits are state-approved above the post-secondary level. Transferees who complete a diploma or degree at a Bible college or school of preaching and plan to pursue the Bachelor of Religious Education degree at Rochester College receive the maximum amount of transferring credit for their work.

### **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 must make arrangements with their home school district or earn a satisfactory score on the General Equivalency Diploma (GED) to receive their high school diploma.

### **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 readmission through the Student Services Office.

### **SPECIAL STUDENT**

Students do not have to apply for admission if they are not in a degree program or taking no more than six hours per semester. 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 regular college or university. To apply, submit a Michigan Uniform Undergraduate Guest Application to the Rochester College Registrar.

**INTERNATIONAL STUDENT**

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

**COMPUTER REQUIREMENTS**

Rochester College encourages every student to purchase a laptop computer to complete academic coursework, including word processing, Internet research, intranet discussion, class assignments, PowerPoint presentations, and software applications. The growing student body and greater emphasis on computer use for class assignments limits computer availability in campus computer labs.

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 access. Beginning Fall 2001, business majors will be required to have personal access to a personal computer, preferably a laptop. All other majors must comply with the same requirement by the 2002-2003 academic year.

Rochester College recommends the following minimum specifications:

- Intel Pentium III, 800 MHz processor
- 128 MB RAM
- 10GB hard drive
- 3Com PCI 10/100 network card
- Sound Blaster sound card with speakers
- Microsoft Windows 98SE
- Norton Antivirus
- 17-inch monitor (PCs only)

# Paying for College

## BASIC EXPENSES

**Boarding Student.** Basic expenses for a full-time boarding student for the 2002-2003 academic year are:

	1 semester	2 semesters
Tuition, Room, and Board		
Tuition (12-16 hours) .....	\$5,136	\$10,272
Room and Board <sup>1</sup> .....	2,812	5,624
<b>Total Tuition, Room, and Board</b> .....	<b>\$7,948</b>	<b>\$15,896</b>
Required Fees		
Student Support Fee <sup>2</sup> .....	384	768
Residence Hall Maintenance Fee .....	27	54
<b>Total for Boarding Student</b> .....	<b>\$8,359</b>	<b>\$16,718</b>

**Commuting Student.** Basic expenses for a full-time commuting student for the 2002-2003 academic year are:

	1 semester	2 semesters
Tuition and Required Fees		
Tuition (12-16 hours) .....	\$5,136	\$10,272
Student Support Fee <sup>2</sup> .....	326	652
<b>Total for Commuting Student</b> .....	<b>\$5,462</b>	<b>\$10,924</b>

## SCHEDULE OF CHARGES

### Tuition and Special Fees (refundable)

Tuition (traditional program)	
Full-time Block (per semester, 12-16 hours) .....	\$5,136
Outside Block (per semester hour over 16 or under 12) .....	321
Maymester or Wintersession (per semester hour) .....	239
Audit Fee (per course) .....	100
Private Voice and Private Piano Fee (all levels, per credit hour)	163

### Course Fees (nonrefundable)

All science lab courses (per course) .....	30
MAT 1213, 1312, 1323, 1335, 2515, 2524, 3534, 3623 .....	40
MAT 2213, 2223 .....	20
MUS 1101 .....	55
PED 1011 .....	60
PSY 3313, 4403 .....	35
PSY 3323 .....	25
EDU 2003 .....	30
EDU (all other courses) .....	25

<sup>1</sup> **Fall and Spring semester boarding costs based on a 15-meal plan (3 meals per day Mon.-Fri. and a \$20 declining balance card for the Solid Rock Café. Weekend brunch and dinner are available at no additional charge to boarding students.**

<sup>2</sup> Covers admission evaluation, academic advising, library services, student activities, telecommunication service, use of the campus computer network, security and parking, intramural athletics, and campus newspaper. Full-time students receive a yearbook.



**Residential Fees and Deposits**

Housing and Meal Plans (refundable)	
Room and Board (per semester) <sup>1</sup> .....	\$2,812
Maymester Room (per week) .....	50
Wintersession Room and Board (per week) .....	125
Married Housing (as available, first year, per month) <sup>2</sup> .....	300
Married Meal Plan (per person, per semester, optional) .....	1,335
Residential Deposits (refundable)	
Room Security Deposit .....	105
Residential Fees (nonrefundable)	
Private Room (as available, additional per semester) .....	342
Residence Hall Maintenance Fee (per semester, required) .....	27

**Other Charges and Fees (nonrefundable)**

ACT Residual Testing Fee .....	35
CLEP Credit Recording Fee (per credit hour) .....	10
CLEP Testing Fee (per examination) .....	65
Computer Lab Fee .....	varies
Course Change Fee (per change form) .....	15
Graduation Candidate Fee (per application) .....	125
Health Insurance (minimal secondary coverage, per year) .....	298
Late Registration Fee .....	50
Late Payment Fee .....	25
Lock Replacement Fee .....	60
Myers-Briggs Type Indicator .....	10
New Student Orientation Fee .....	100
Payment Plan Fee (per semester) .....	25
Prior Learning Portfolio Fee (per credit hour) .....	40
Returned Check Fee (NSF, per check) .....	25
Room Change Fee (per room change) .....	25
Room Reservation Fee .....	25
Strong Interest Inventory .....	10
Student Identification Card Replacement .....	25
Student Support Fee <sup>3</sup>	
Boarding Students (per semester) .....	384
Commuting Students (12 hours or more, per semester) .....	326
Commuting Students (less than 12 hours, per semester) .....	142
Transcript Fee (per copy) .....	5
Vehicle Violation Fines (each violation) .....	25

<sup>1</sup> See footnote number one on previous page.

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

<sup>3</sup> See footnote number two on previous page.

**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/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.

**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 in three equal monthly payments due on or before the dates listed below. 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.

	<b>Fall Semester</b>	<b>Spring Semester</b>
Initial Payment	August 21	January 14
Installment 1	September 20	February 20
Installment 2	October 21	March 20
Installment 3	November 20	April 20

**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. 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 to find out more about the consequences of withdrawal.

**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 following chart. Refund policies for the College of Extended Learning are described in the CEL section of this catalog. Full-time students will not receive a refund if a dropped class does not result in a change in the tuition block (12 to 16 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 financial aid awards. Consult the Financial Aid Office and the Business Office prior to dropping a course.

Withdrawal on or before 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%

**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 checkout procedures are completed within seven days of the date that residence halls close and keys have been returned.

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

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

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

### **WITHDRAWAL FROM COLLEGE**

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

1. Visit the Dean of the College of Arts and Sciences to acquire the necessary signature to continue the withdrawal process.
2. Visit the Student Services Office to turn in mailbox key and ID card, and leave a forwarding address for mail.
3. Visit the Dean of Student Services.
4. (Boarding students) Visit residence hall supervisor to check out of the residence hall.
5. Return materials to library and obtain clearance from the library staff.
6. Visit the Director of Financial Aid to discuss aid programs and repayment obligations. Withdrawal affects financial aid eligibility and may increase personal payment obligation.
7. Visit the Student Accounts Manager in the Business Office. Perkins Loan holders must participate in an exit interview. Refunds of credit may require up to 30 days for processing.
8. Return completed withdrawal form to the Academic Services Office.

## *Financial Aid*

Many sources of financial assistance are available to students and their families. Some assistance, such as government aid, is based on student or family financial need. Eligibility is determined by submitting a Free Application for Federal Student Aid (FAFSA) to the Financial Aid Office. More information about aid sources is available at [www.finaid.org](http://www.finaid.org), [www.fastweb.com](http://www.fastweb.com), or [www.collegequest.com](http://www.collegequest.com).

Rochester College awards some institutional aid to qualified applicants regardless of family income. Institutional aid may be adjusted according to the amount of Federal or State aid a student receives. Recipients of the Trustee 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.

### **HOW TO APPLY FOR MAXIMUM AID**

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 direct to the government or submitted on-line at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). Remember to include Rochester College's Federal school code (002288) in Step Six of the FAFSA (if using the Web site or mailing direct to the government).
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 worksheet 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 additional 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.

### **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. The award is based on the values in the following chart:

<b>ACT Score</b>	<b>SAT Score</b>	<b>Annual Scholarship</b>
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

**Activity Achievement Award.** Eligibility is based on exceptional ability in athletics, music, or drama. Award is renewable if recipient maintains a 2.00 minimum GPA and departmental approval. Athletes must pass at least 24 semester hours per year. Only available prior to enrollment.

**Alumni Parent Award.** Applicants with at least one parent who attended Rochester College full-time, for at least one term, are eligible for a nonrenewable award toward first-year expenses: \$250 if one parent attended or \$500 if both parents attended.

**Associates Scholarship.** The Associates of Rochester College award scholarships of up to \$1,000 per year. A minimum 2.50 GPA and a minimum ACT score of 18 (SAT 880) are required. Renewal is conditional on a minimum 2.75 GPA and demonstrated good conduct and citizenship.

**Canadian Equalization Grant.** Canadian citizens, who are not also US citizens, may be eligible to receive a grant of \$4,000 per year. This grant is available only to full-time boarding students from Canada who are admitted on regular status.

**Christian Missionary Service Award.** Undergraduate dependents of full-time foreign missionaries receive a 25% percent tuition discount. Domestic supporting church must submit an *annual* verification of full-time foreign mission work. Student is eligible for all other academic and activity scholarships. Must be a full-time residential student. Recipient must maintain a 2.25 minimum cumulative GPA to maintain the award.

**Christian School Association Scholarship.** NCSA or ACSI high school graduates qualify for a renewable \$1,000 annual award conditional upon maintaining a 2.25 minimum college GPA.

**Departmental Scholarships.** Limited scholarships awarded on merit to majors or minors in the Department of Music or Department of Religion and Bible. Renewable based on departmental recommendation.

**Gallaher Leadership Award.** Honors James and Bessie Gallaher. Up to \$1,000 given to boarding students who demonstrate recognizable leadership characteristics and achieve a 2.50 GPA during their freshman year. This scholarship is non-renewable scholarship.

**International Scholarships.** Limited scholarships based on leadership or academic ability for non-Canadian international students. Renewable with a minimum 3.00 GPA, based on no less than 24 semester hours per year.

**National Merit Scholarship.** National Merit Finalists qualify for a full-tuition scholarship. Semifinalists qualify for a \$2,000 scholarship. Commendation recipients receive a \$750 scholarship. Recipients must maintain a 3.25 minimum cumulative GPA.

**First Generation Scholarship.** First-generation college students from the Detroit metro are eligible. Qualified applicants must have a minimum ACT composite score of 19 and minimum high school GPA of 2.50. Applicants must demonstrate financial need based on Federal Pell Grant eligibility. Scholarship amount is the difference between the cost of tuition and all other gift and grant aid. Conditions of renewal are maintaining a 2.50 cumulative GPA and 24 hours per academic year.

**Out-of-State Tuition Grant.** United States citizens from states or territories outside Michigan are eligible for up to \$2,000 per year based on financial need. Must be full-time boarding student. Renewal is based on maintaining at least a 2.00 GPA and continued financial need.

**Partners in Christian Service Award.** Undergraduate dependents of full-time employees of nonprofit Christian organizations (subject to approval) are eligible for \$1,500. The nonprofit organization must submit a letter *annually* to verify full-time employment of at least one parent. Recipient must maintain a 2.00 minimum cumulative GPA. Must be full-time boarding student unless living with parent.

**Presidential Leadership Award.** Covers up to 50% of tuition based on ACT/SAT scores, high school GPA, and demonstrated leadership. Requires minimum ACT score of 20 (950 SAT), 2.5 minimum high school GPA, and active leadership in church, school, and community. Recipients must be full-time boarding students who maintain a 2.5 cumulative college GPA and exhibit campus leadership.

**Transfer Scholarship.** Students transferring to Rochester College with 17 or more hours are eligible based on GPA: \$1,500 per year (2.75-2.99), \$1,750 per year (3.00-3.24), \$2,000 per year (3.25-3.49), \$2,250 per year (3.50-3.74), and \$2,500 per year (3.75-4.00). Available only to traditional full-time students who maintain sufficient grades.

**Trustee Scholar Award.** Competitive scholarship for entering freshmen with fewer than 16 hours of college credit. Covers 100 percent of tuition (up to 16 credit hours per semester). Qualified applicants must achieve a minimum ACT composite score of 29 (SAT 1300), earn at least a 3.50 high school GPA, and demonstrate leadership. Award conditional on full-time boarding status and a minimum 3.50 cumulative GPA.



**Valedictorian and Salutatorian Scholarships.** High school valedictorians entering college for the first time with a minimum ACT score of 21 (SAT 1000) may receive a \$1,500 scholarship. Salutatorians are eligible for \$1,000. Eligibility is conditional upon full-time status and is a nonrenewable award.

### **GOVERNMENT GRANTS AND AWARDS**

**Pell Grant.** United States citizens and some noncitizens may be eligible for up to \$4,000 per year in need-based aid from the Federal government. Financial statement required.

**Supplemental Educational Opportunity Grant.** Federal government awards up to \$1,200 based on demonstrated need. Application is made through Rochester College. Financial statement required.

**Michigan Tuition Grant/Competitive Scholarship.** Michigan residents may receive up to \$2,750 per year from the state, based on need and enrollment in a private Michigan college. Tuition grant and competitive scholarship cannot be awarded simultaneously. Applications must be submitted early during the year of planned enrollment. Financial statement required.

**Adult Part-Time Grant.** Independent Michigan residents with financial need, planning to enroll as part-time students, may receive up to \$600 per year from the state of Michigan. Financial statement required.

### **ENDOWED SCHOLARSHIPS AND SPECIAL AWARDS**

**Alexander Preaching Scholarship.** Honors Everette Alexander. Awards \$250 each year to a ministry major who has completed 30 semester hours.

**Bible Lectureship Endowment.** The Rochester College religion faculty selects one Bible major each year to receive a \$1,000 scholarship funded by donations at the annual Bible Lectureship.

**Birk Scholarship.** Honors David L. Birk. Awards \$300 annually to a student who is ineligible for institutional scholarships or government aid.

**Bliss Memorial Second Miler Award.** Honors Lynn and Sandi Bliss. Awards \$100 annually to a student who exhibits a servant attitude.

**Brittingham Endowed Scholarship.** Honors Donald Brittingham. Awards \$750 to a student who maintains a minimum GPA of 2.75.

**Carter Endowed Scholarship.** Honors Donald and Marie Carter. Awards three \$1,200 annual scholarships. Business majors preferred.

**Christian Ministry Endowment.** Eight \$2,000 annual scholarships for Christian ministry majors.

**Dickinson Endowed Scholarship.** Honors Royce Dickinson. Awards three \$1,200 annual scholarships.

**East End Church of Christ Scholarship.** Each year, awards a \$1,500 scholarship to a male student of at least sophomore standing who is preparing to preach in a cappella Churches of Christ.

**Eckstein Endowed Scholarship.** Honors Bertha Eckstein. Awards two \$1,000 scholarships each year to biblical studies or ministry majors.

**Fletcher Endowed Scholarship.** Honors Gene Fletcher. One \$500 annual scholarship for a female who exemplifies Christian womanhood.

**Fletcher/Shinsky Endowed Scholarship.** Honors Dr. Milton B. Fletcher and Coach Bill Shinsky. Awards one \$500 scholarship annually based on financial need.

**Foulk Endowed Scholarship.** Honors Bruce and Judy Foulk. Awards a \$500 scholarship each year to a religious studies major.

**Founders Endowment.** Awards two \$1,250 scholarships each year based on need.

**Franzke Endowed Scholarship.** Honors John Franzke. Residents of Rochester or Rochester Hills are eligible for two \$850 scholarships. A 2.50 minimum high school GPA or 2.80 Rochester College GPA is required.

**Grantham Memorial Scholarship.** Honors Sandra Nicks Grantham. Awards \$325 each year to a student who maintains a 2.50 minimum GPA and demonstrates financial need.

**Kent Endowed Scholarship.** Oakland County residents are eligible for one of two \$1,250 scholarships honoring F. Floyd Kent.

**Lawrence Endowed Scholarship.** Honors Avis Lawrence. Annual \$1,000 award for a male training to preach in a cappella Churches of Christ.

**Leslie Honor Scholarship.** Honors Larry Leslie. Awards \$5,000 each year for up to two years to the student with the highest GPA in a computer or math-related field.

**Monroe Endowed Scholarship.** Honors Mary Monroe. Awards \$700 each year to each of two students who have achieved at least a 3.00 GPA at Rochester College during the previous year.

**Muirhead Endowed Scholarship.** Honors Alberta Muirhead. Awards \$1,500 each year to a business major with a 3.00 minimum GPA.

**Norplex Associates Endowed Scholarship.** Established by Bruce and Judy Foulk. Annual \$500 award for a student majoring in a business field.

**O'Donnell Memorial Scholarship.** In memory of Dan Michael O'Donnell. Renewable award grants \$500 each year conditional upon maintenance of a 2.5 minimum college GPA and adherence to College regulations.

**Ogburn International Bible Scholarship.** Honors J.R. and Marty Ogburn. Awards \$1,000 to an international student preparing for ministry in native country. Preference given to students of Middle Eastern origin.

**Perrin Endowed Scholarship.** Honors Renada Perrin. Annual \$1,500 scholarship for a student who is preparing to serve as a foreign missionary, who has completed at least 30 semester hours with a 3.00 minimum GPA.

**Philpot Endowed Scholarship.** In memory of Jerry Philpot II, a police officer killed in the line of duty. Awards a \$500 scholarship to prelaw students of sophomore status or higher.

**Ponting Foundation Opportunity Scholarship.** Awarded by the Herbert and Elsa Ponting Foundation. Provides two \$2,000 awards, one to a male and one to a female, who demonstrate financial need and meet normal Rochester College admissions requirements. Recipients must be Michigan residents who are pursuing the Bachelor of Business Administration with a major in management. Renewal is conditional upon maintenance of a minimum 2.5 college GPA.

**President Garfield Scholarship.** Awards a \$2,000 scholarship each year to a student involved in conservative politics. Business or prelaw majors preferred.

**Riley Endowed Scholarship.** In memory of Annette and Cheryl Riley. Awards a \$1,500 scholarship each year to a female business major who has achieved a 2.75 minimum GPA on at least 30 credit hours and a 3.00 thereafter.

**Rummel Endowed Scholarship.** Honors Ronald L. Rummel. Awards \$1,000 each year to a student whose primary residence is within 30 miles of Toledo, Ohio and is an active participant in campus life with at least a 2.00 GPA on a minimum of 30 semester hours.

**Skellett Honorary Scholarship.** Honors Ray and Betty Skellett. Awards \$2,000 each year to Great Lakes region residents planning to remain after college. Requirements are a 2.50 minimum high school GPA, a minimum ACT score of 20, and a minimum 2.80 total college GPA. Ministry and education majors preferred.

**Slater Endowed Scholarship.** Honors Harold and Helen Slater. Awards eight \$1,500 scholarships each year to students with a 2.50 minimum high school GPA or a 2.80 college GPA.

**Southern Endowed Scholarship.** Honors Paul and Margaret Southern. Awards two \$1,250 scholarships to male students planning a career in ministry or religious education.

**Stowe Endowed Scholarship.** Honors Jack Stowe. Annual \$600 scholarship for a student who earns and maintains a 3.00 minimum GPA.

**Stowe Memorial Scholarship.** In memory of Jamie Carol Stowe. Awards \$700 each year to a student majoring in early childhood, elementary education, or behavioral science (with a social work or psychology emphasis). Recipients may use Stowe funds to assist on- or off-campus summer work programs at the Rochester College Preschool. Renewal is conditional upon maintenance of a 2.5 minimum college GPA.

**Trinklein Endowed Scholarship.** Honors Ross William Trinklein. Awards \$2,000 each year to a student with a 3.00 minimum GPA who demonstrates exemplary Christian character, service, and evangelistic qualities. Ministry students preferred.

**Turner Memorial Scholarship.** Honors Erlon and May Dell Turner. Two \$650 annual scholarships for students in financial need.

**Whitelaw Endowed Scholarship.** Honors Marilyn Whitelaw. Awards \$400 each year to a music major.

**Williams Endowed Scholarship.** A \$1,000 scholarship named in honor of Earl and Wilma Williams. It is awarded each year, based upon financial need.

**Wood Christian Leadership Scholarship.** Honors Jim Wood. Awards \$1,400 each year to a student of at least sophomore status who exhibits Christian leadership.

## 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. *Currently, 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 qualify for need-based Federal loans, need additional funds beyond need-based eligibility, or are considered an independent student by Rochester College may obtain an unsubsidized version of the Stafford Loan in which the student pays interest or adds it to the principle balance while he or she is in college.

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

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

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

## SPECIAL SOURCES OF AID

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

**Veteran's Benefits.** Military veterans or immediate family of veterans deceased or permanently disabled as the result of service, may qualify for assistance. For information, contact a Veterans Administration Office.

Students may receive credit for training in the armed services or previous course work by sending an official transcript from each institution to the Academic Services Office. Academic Services must receive transcripts by the end of the first semester of enrollment. Some general education requirements may be waived based upon age, number of hours completed, and appropriate work experience. A policy statement is available from the Registrar. Records of academic work completed at Rochester College may be released to other institutions and agencies only upon written request.

Students who are certified for Veterans Administration benefits but who fail to obtain the minimum cumulative GPA within one semester after being placed on academic alert may not be recertified until their cumulative GPA meets the minimum standards identified in the Academic Alert and Academic Progress Statements. Rochester College informs the Veterans Administration when students are not recertified due to lack of academic progress. While this policy does not affect the College's policies regarding academic probation and suspension, those policies do affect certification for veterans' benefits. The standards of progress and alert policies are found on pages 30 and 35.

Students within one semester (12 hours) of graduation may continue to be certified for veterans' benefits only if they have 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 for additional aid through the Vocational Rehabilitation Service. For more information, contact the Vocational Rehabilitation Office.

## **EMPLOYMENT**

**College Work Study.** This Federal aid program provides campus work for students with financial need. A similar program exists for Michigan residents. At least 30 percent of each paycheck is applied to unpaid student account balances. Financial statement required.

**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.

### **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 will not be withdrawn provided a 1.00 minimum cumulative GPA and at least 50 percent of the hours attempted).

Financial aid eligibility is terminated when total hours attempted 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. Transfer hours are included in the total hours attempted. 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.

# Academics

## 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). Rochester College is a signatory of the MACRAO Articulation Agreement and the Universal Transfer Agreement, which facilitate the transferability of credits between Rochester College and other Michigan colleges and universities. Whether transferring to Rochester College or pursuing graduate studies or special majors at other Michigan institutions, Rochester College students can be confident that their credit will be accepted. To review accreditation documents, submit a written request to the President's Office.

## 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 should reduce their load to 12 to 15 hours, and their employment to a maximum of 12 hours per week. They should also limit their participation in extracurricular activities. To clear alert status, students must earn a cumulative GPA higher than the levels indicated in the previous paragraph during the first semester after being placed on alert.

**Academic Probation.** Students who do not meet the above minimum standards the semester after placed on academic alert are placed on academic probation. 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 the Academic Dean may mandate a structured system of progress reporting.

**Academic Suspension.** Students who do not meet the above minimum standards the semester after 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. Last enrollment must be at least three years prior to renewal request. Up to 30 semester hours of Rochester College course work (grades D or F) may be disregarded in computing the GPA needed to earn a degree. The Registrar provides guidelines for academic renewal. 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.

## ACADEMIC SUPPORT SERVICES

**Individual Support Services.** Students who experience difficulty in their course work should express these concerns to their instructor. Some tutoring and/or computer-based support services are available. Contact the Student Support Services Office for more information.

**Group Support Services.** Supplemental Instruction provides support 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.

## 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 (Arts and Sciences or CEL). The Faculty Affairs Committee issues a *final* decision.

## ATTENDANCE POLICY

Successful students make a habit of regular class attendance. Rochester College expects regular and punctual attendance, which is checked by each instructor, and factors into 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 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 Academic Services Office. Students must request a makeup within one week of the absence, or the instructor is not obligated to allow the makeup work.

### **CHRISTIAN VALUES REQUIREMENT**

Study of the Bible is essential to the Rochester College experience. The Christian Values Requirement of the general education core (see page 46) consists of 16 semester hours for students pursuing the Bachelor's degree and ten hours for those pursuing the Associate's degree.

Full-time students must take a religion course each of their first four semesters, after which, at least one religion course is required each year until all 16 hours are completed. Transfer students in the Bachelor's degree program must complete the following Christian Values Requirement:

transfer hours applicable to degree	religion requirement
1-15 credit hours	16 hours
16-31 credit hours	14 hours
32-47 credit hours	12 hours
48-63 credit hours	10 hours
64 or more credit hours	8 hours

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. Transferees are unclassified until prior credits are accepted. Thirty hours are required for sophomore status, 60 hours for junior status, and 90 hours for senior status.

### **CONCURRENT ENROLLMENT**

Certain courses offered by other local colleges and universities are available to Rochester College students through the guest enrollment program. 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.

### **COURSE CHANGES**

Students may add or drop courses until the end of the first week of classes each semester, after which fullterm 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 Academic Dean. 9 to 11 hours constitute a three-quarters-time load, and 6 to 8 hours constitute a half-time load.

### **DISABILITY ACCOMMODATION POLICY**

It is the policy of Rochester College to comply with Section 504 of the Rehabilitation Act of 1973 and with the Americans with Disabilities Act of 1990 in providing reasonable accommodations to qualified students with disabilities.

A qualified student with a disability is 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.

Please refer to [www.rc.edu/academics/accommodations](http://www.rc.edu/academics/accommodations) for a complete description of the policies and procedures associated with disability accommodations at Rochester College.

### **DUAL DEGREE**

Students may 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 meeting all requirements of two major programs.

**FINAL EXAMINATIONS**

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.

**GLOBAL EDUCATIONAL OPPORTUNITIES**

Students may participate in six-week summer study programs in Europe. The GEO program awards 6 to 9 hours of general education core credit based on each host country's literature, art, music, and culture. GEO credits apply toward all majors.

Information regarding summer GEO programs will be available to all students during the Fall Semester. Applications may be obtained by request at [GEO@rc.edu](mailto:GEO@rc.edu) or from the GEO office located in CC214. Deadline for application is October 31. A one-credit orientation course is required during the Spring semester.

**GRADES**

Academic work is recorded as follows on grade reports and transcripts:

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

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.

Each semester, students review their academic progress and degree plan with their academic advisor. Students starting their final semester must submit an *Application for Graduation* to the Academic Services Office, pay the graduation fee, and obtain a cap and gown. Application deadlines for December and May graduations are October 1 and February 1, respectively. Requests for graduation requirement waivers or course substitutions must be submitted in writing to the Registrar by no later than February 15 for a spring graduation, or October 15 for a fall 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.

## 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.

## NONTRADITIONAL CREDIT

**Forms of Nontraditional Credit.** Some students may take advantage of nontraditional opportunities to receive credit for prior training or experience that equates to college-level learning. Testing services (64 hours maximum), professional schools and training (30 hours maximum), and prior learning portfolio (30 hours maximum) may be counted toward college credit. 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. Nontraditional credit may not count toward the 30-hour residency requirement. More information is available from the Academic Services Office or the College of Extended Learning.

**Advanced Placement.** High school students may take the Advanced Placement Examination. 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.

**Credit by Examination.** Credit may be granted for comprehensive exams taken in place of specific courses. No test credit is granted for audited courses, courses previously failed, courses taken at the time of examination, prerequisite courses to a course already completed, or non-enrolled students. A \$50 fee is charged for each exam taken for credit. In the College Testing Office, students may obtain an application and policy statement for credit by exam.

**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.

Rochester College offers CLEP examinations in fall and winter. 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 Career Guidance and Assessment for CLEP information and registration.



**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 which they failed in regular attendance or by examination. Contact the Director of Career Guidance and Assessment for DSST information and registration.

### **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 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.

### **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.

# Degrees

## DEGREE PLANNING

Each student is personally responsible for completing all requirements listed in his or her degree plan. Academic advisors assigned by the College help each student manage the responsibility of meeting those requirements. The equivalent of one year (30 hours) of full-time work at Rochester College is required to earn a degree. Students should declare their major by the beginning of their junior year.

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. Advisors need information on unique degree requirements of other institutions 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 credit hours at Rochester College.
4. Complete at least 12 hours of their major core at Rochester College.
5. Demonstrate college-level writing proficiency by performing one of the following: Complete ENG 1123 at Rochester College with a grade B- or above, pass the English Qualifying Exam after completing 60 hours of course work which includes ENG 1113 and 1123 (exam limited to two attempts), or complete ENG 1133 with a grade B- or above.
6. For the Bachelor of Religious Education degree, complete two liberal-arts minors to meet state requirements. Some programs include both minors in the general education and support courses. In other programs, one minor is student-declared and the other is included in the general education and support courses. Other minors are available through concurrent enrollment or from prior academic work at other institutions. Such minors require a minimum 18 credit hours, including six hours of upper-division courses, and must be approved in advance by the Academic Services Office. Single courses may not count toward both a major and a minor.



## Bachelor's Degree Options at Rochester College

AREA OF STUDY	CATALOG PAGE NUMBER			
	major	concentration	track	minor
Accounting	55			
American Legal Studies				115
Behavioral Science	118	95		120
Biblical Languages				127
Biblical Studies	125			127
Business		96		59
Business Communication	56			
Christian Ministry	126			
Communication	69	96		71
Computer Systems Management	77			
Counseling			118	120
Education - see p. 80				
Elementary Education - see p. 80				
English	84			85
General Science	113	97		51
Greek				127
History	90	97		90
Humanities				85
Interdisciplinary Studies	96			
Literature		98	84	
Management	57	98		59
Marketing	58			59
Mass Communication	70			
Mathematics		98		101
Media			70	
Music	105	99		106
Music Education			105	
Music Ministry			105	
Prelaw				115
Professional Writing		100	84	85
Psychology	119			120
Religion		100		127
Secondary Education - see p. 80				
Social Science				91
Social Work			118	134
Speech Communication			70	
Sports Management	59	100		
Technical - see p. 45				
Theatre			70	
Vocal Performance			105	
Youth Ministry	127			127

## TECHNICAL DEGREE OPTIONS

The Bachelor of Science (BS) degree with a major in interdisciplinary studies allows students to select two areas of study from a variety of degree concentrations. Technical fields are available through cooperative studies at neighboring institutions. Concentrations at those institutions range between 24 and 50 credit hours. Students take one or two technical classes per semester in addition to Rochester College courses.

Students must take courses in the first concentration, such as those listed below, at a neighboring cooperative institution. Any one of these technical fields may be used to meet one of the two required areas of study for the interdisciplinary studies major at Rochester College.

Architecture	Exercise Science and Technology
Automobile Servicing	Fine Arts/Visual
Aviation Management	Fire Science
Business Information Systems/ Administrative Assistant	Gerontology
Ceramic Technology	Graphics and Commercial Art
Civil Technology	Health Care Administration
Climate Control Technology	Industrial Lab Test Technician
Computer Aided Design and Drafting Technology	Industrial Sales and Marketing
Computer Hardware Engineering Technology	Industrial Supervision and Mgt.
Computer Service Technician	Interior Design
Construction Technology	Languages
Culinary Arts/Hospitality	Photography Technology
Electronics Technology	Retail Fashion and Buying
	Robotics
	Vehicle Design
	Web Design

Options for the second concentration, to be taken at Rochester College, may be selected from a number of content areas (see page 95).

To enroll in a cooperative program, students must submit a form to the Office of Interdisciplinary Studies. The Rochester College Enrollment Services Office provides guidance for creating the particular degree program a student seeks. Students receive the Bachelor's degree in interdisciplinary studies from Rochester College upon completion of requirements at both institutions. Cooperative institutions provide certificates for many of the technical concentrations.

**GENERAL EDUCATION CORE**

Students must complete a general education core to receive the Bachelor’s degree from Rochester College. Alternate standards are listed on page 16 for transfer students holding the Associate’s degree. Transfer student variations in the Christian Values Requirement are listed on page 37.

General education requirements for the Bachelor’s degree are:

CHRISTIAN VALUES .....	16 credit hours
BIB 1013 Discovering the Old Testament .....	3
BIB 1023 Discovering the New Testament.....	3
BIB 2000 level textual .....	2
Any Religion (including PHI) 2000 or 3000 level and/or SOC 2453, ENG 2013 .....	4
PHI 4932 Introduction to Ethics .....	2
Ethics for Major (from BUS 4942, COM 4942 EDU 4942, MIN 4942, PSY 4942, or PHI 4942) .....	2
COMMUNICATION .....	9 credit hours
COM 1013 Communication Basics .....	3
ENG 1113 College Composition A.....	3
ENG 1123 College Composition B.....	3
HUMANITIES .....	6 credit hours
Fine Arts Appreciation (from ART 2003; FLM 2013, 2423; MUS 2303; THE 2003) .....	3
Literature (from ENG 2013, 2413, 3213, 3223, 3313, 3323; DOC ... 3943) .....	3
PHYSICAL EDUCATION .....	2 credit hours
Any PED Activity Courses <sup>1</sup> .....	2
SCIENCE AND MATHEMATICS.....	9 credit hours
Natural Science (must include one lab course) .....	6
MAT 1103 or above <sup>2</sup> .....	3
SOCIAL SCIENCE .....	9 credit hours
Any HIS .....	3
Any POS .....	3
From BUS 2403, 2413; COM 3533; GEO 1013, 3113; any HIS; PHI 2013, 3923; any POS; PSY 2013, 2113, 2223; SOC 2013, 2023, 2033, 2453; SWK 2013 .....	3
TOTAL OF GENERAL EDUCATION CORE.....	51 credit hours

<sup>1</sup> Veterans may satisfy this requirement through their basic training  
<sup>2</sup> Waived for Math ACT score of 25 or above and replaced with electives.

## ASSOCIATE OF ARTS DEGREE

The Associate of Arts (AA) degree is available for students who do not intend to complete a four-year program at Rochester College. 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 are:

GENERAL EDUCATION CORE .....	45 credit hours
CHRISTIAN VALUES <sup>1</sup>	
BIB 1013 Discovering the Old Testament .....	3
BIB 1023 Discovering the New Testament .....	3
BIB 2000 level (textual) .....	2
Any Religion 2000 or 3000 level and/or SOC 2453, ENG 2013 .	2
COMMUNICATION	
COM 1013 Communication Basics .....	3
ENG 1113 College Composition A .....	3
ENG 1123 College Composition B .....	3
HUMANITIES	
Fine Arts Appreciation (from ART 2003; FLM 2013, 2423; MUS 2303; THE 2003) .....	3
Literature (from ENG 2013, 2413, 3213, 3223, 3313, 3323; DOC 3943) .....	3
PHYSICAL EDUCATION	
PED Activity Courses <sup>2</sup> .....	2
SCIENCE AND MATHEMATICS	
Natural Science (must include one lab course) .....	6
MAT 1103 or above <sup>3</sup> .....	3
SOCIAL SCIENCE	
Any HIS .....	3
Any POS .....	3
From BUS 2403, 2413; COM 3533; GEO 1013, 3113; any HIS; PHI 3923; any POS; PSY 2013, 2113, 2223; SOC 2013, 2023, 2033, 2453; SWK 2013 .....	3
ELECTIVES .....	19 credit hours
TOTAL FOR ASSOCIATE OF ARTS DEGREE .....	64 credit hours

<sup>1</sup> A portion of the ten-hour requirement for the Associate's degree may be waived for transfer students. See page 37 for specific requirements.

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

<sup>3</sup> Waived for Math ACT score of 25 or above.

**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 are:

GENERAL EDUCATION CORE .....	47 credit hours
<b>CHRISTIAN VALUES</b>	
BIB 1013 and 1023 Discovering the Old and New Testament ..	6
BIB 2000 level (textual) .....	2
Any Religion 2000 or 3000 level and/or SOC 2453, ENG 2013 .	2
<b>COMMUNICATION</b>	
COM 1013 Communication Basics .....	3
ENG 1113 and 1123 College Composition A and B .....	6
<b>HUMANITIES</b>	
Fine Arts Appreciation (from ART 2003; FLM 2013, 2423;	
MUS 2303; THE 2003) .....	3
Literature (from ENG 2013, 2413, 3213, 3223, 3313, 3323; DOC	
3943 .....	3
<b>PHYSICAL EDUCATION</b>	
PED Activity Courses <sup>3</sup> .....	2
<b>SCIENCE AND MATHEMATICS</b>	
Laboratory Science Sequence .....	8
MAT 1103 or above <sup>2</sup> .....	3
<b>SOCIAL SCIENCE</b>	
Any HIS .....	3
Any POS .....	3
From BUS 2403, 2413; COM 3533; GEO 1013, 3113;	
any HIS; PHI 3923; any POS; PSY 2013, 2113, 2223;	
SOC 2013, 2023, 2033, 2453; SWK 2013 .....	3
ADDITIONAL SCIENCE .....	14 credit hours
Courses selected from BIO, CHE, CIS 2113 or above,	
MAT 1312 or above, and/or PHS	
ELECTIVES .....	3 credit hours
TOTAL FOR ASSOCIATE OF SCIENCE DEGREE .....	64 credit hours

<sup>1</sup> A portion of the ten-hour requirement for The Associate’s degree may be waived for transfer students. See page 37 for specific requirements.

<sup>2</sup> Waived for Math ACT score of 25 or above.

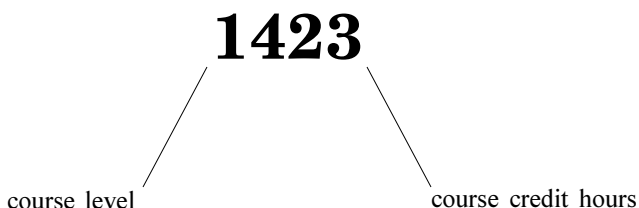
<sup>3</sup> Veterans may satisfy this requirement through their basic training.

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## *College of Arts and Sciences*

### **COURSE NUMBERING**

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.



### **INDEPENDENT STUDY**

On certain occasions, instructors may offer courses through independent study. These courses do not meet on a structured basis but do include regular meetings with the instructor. Independent study courses do not fulfill general education requirements unless approved by the Dean of the College of Arts and Sciences. 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.

### **SPECIAL COURSES**

In response to student interest and approval by the Dean of the College of Arts and Sciences, 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. Students who meet prerequisites may enroll in special courses without normal independent study limitations.

### **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.

## DEPARTMENT of ART

### MISSION STATEMENT

The Department of Art strives to create an appreciation of various modes of creative expression. Recognizing the creative talents that God has granted to each person, 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

Art courses meet Rochester College general education requirements and 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. Available concentrations include Fine Arts/Visual and Graphics and Commercial Art. See page 45 for details.

### CAREER OPPORTUNITIES

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

### COURSE DESCRIPTIONS

**ART 1413 Introduction to Drawing and Composition.** Visual fundamentals as expressed through drawing and composition. Includes image formation, rendering techniques, and compositional theory and problems. Emphasizes the elements of art: 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 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.

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## DEPARTMENT of BIOLOGY

### Bachelor's Degree Options in Biology

<b>BS Major:</b> General Science (certification only) .....	p. 113
<b>Concentration:</b> General Science .....	p. 98
<b>Minor:</b> General Science .....	p. 51

### MISSION STATEMENT

The Department of Biology encourages students to the tremendous complexity and diversity found in living things while acknowledging the common threads linking all life forms. The department encourages an awareness of humanity's relationship with God's creation and the need for stewardship of living resources.

### ACADEMIC OPPORTUNITIES

Interdisciplinary studies majors may pursue a general science concentration. Department courses also meet general education requirements and provide a basis for several science majors.

### CAREER OPPORTUNITIES

Graduates with a background in biology may pursue careers in research, nursing, medicine, environmental biology, and many other scientific fields.

### DEGREE REQUIREMENTS

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

### COURSE DESCRIPTIONS

**BIO 1002 Environmental Science.** Current environmental issues that contribute to understanding mankind'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. Three hours lecture and three hours laboratory weekly. \$25 Laboratory 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. Three hours of lecture and three hours laboratory weekly. \$25 Laboratory 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. Three hours lecture and three hours laboratory weekly. \$25 Laboratory fee.

**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. Three hours lecture and three hours laboratory weekly. \$25 Laboratory fee.

**BIO 2124 Human Anatomy and Physiology II.** Structure and function of the circulatory, lymph, respiratory, digestive, urinary, and reproductive systems. Supplementary topics include electrolyte, acid/base, and fluid balance. Three hours lecture and three hours laboratory weekly. \$25 Laboratory fee.

**BIO 2224 Introductory Botany and Zoology.** Introductory anatomy, physiology, taxonomy and ecology for the major phyla of the plant and animal kingdoms. Three hours lecture and three hours laboratory weekly. \$25 Laboratory fee.

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

**BIO 2314 Science Foundations I: Chemistry and Life Science.** Designed for elementary teachers. Atoms, molecules, and matter. Also, plants, animal life, genetics, the food cycle, changes in digestion, and ecosystems. Three hours lecture and three hours laboratory weekly. Prerequisite: MAT 1003. \$25 Laboratory fee.

**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. Two hours lecture and three hours laboratory weekly. \$25 Laboratory 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. Three hours lecture plus three hours laboratory, weekly. Prerequisite: Grade of C or better in BIO 1014 or BIO 1124, or instructor permission. \$25 Laboratory fee.

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

## DEPARTMENT of BUSINESS

### Bachelor's Degree Options in Business

<b>BBA Majors:</b>	Accounting .....	p. 55
	Computer Systems Management .....	p. 77
	Management .....	p. 57
	Marketing .....	p. 58
	Sports Management .....	p. 59
<b>BS Major:</b>	Business Communication .....	p. 56
<b>Concentration:</b>	Business .....	p. 96
<b>Minors:</b>	Business .....	p. 59
	Management .....	p. 59
	Marketing .....	p. 59

### 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, computer systems management, management, or marketing. 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 or BS are well-prepared to succeed in modern business. The Rochester College business program prepares students for careers in accounting, computer systems management, management, or marketing. A required business internship provides 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:

GENERAL EDUCATION CORE .....	51 credit hours
BUSINESS CORE .....	39 credit hours
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
BUS 3303 Business Law I, or	
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 .....	27 credit hours
ACC 3113 Intermediate Accounting I .....	3
ACC 3123 Intermediate Accounting II .....	3
ACC 3133 Intermediate Accounting III .....	3
ACC 3213 Auditing I .....	3
ACC 3223 Cost Accounting I .....	3
ACC 3233 Cost Accounting II .....	3
ACC 3243 Taxation I .....	3
ACC 4113 Accounting Systems and Controls .....	3
ACC 4133 Advanced Accounting .....	3
ELECTIVES .....	11 credit hours
BUS 3313 Business Law II (recommended) .....	3
TOTAL FOR ACCOUNTING MAJOR .....	128 credit hours

**BS with Business Communication Major.** Provides management, writing, and communication skills valued by employers.

Requirements:

GENERAL EDUCATION CORE .....	51 credit hours
BUSINESS COMMUNICATION MAJOR .....	36 credit hours
BUS 3003 Business Communication .....	3
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
ENG 4523 Advanced Composition .....	3
MGT 2603 Principles of Management .....	3
MGT 3603 Organizational Behavior .....	3
MGT 3613 Human Resource Management .....	3
MGT 3653 Leadership Theory .....	3
MGT 3703 Management Information Systems .....	3
MINOR .....	18 credit hours
ELECTIVES .....	23 credit hours
TOTAL FOR BUSINESS COMM. MAJOR .....	128 credit hours



**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:

GENERAL EDUCATION CORE .....	51 credit hours
BUSINESS CORE .....	39 credit hours
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
BUS 3303 Business Law I, or	
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
MANAGEMENT MAJOR .....	15 credit hours
MGT 3603 Organizational Behavior .....	3
MGT 3613 Human Resource Management .....	3
MGT 3713 Operations Management .....	3
BUS 3313 Business Law II, or	
BUS 4901-3 Directed Study in Business, or	
COM 2613 Introduction to Mass Communication, or	
MGT 3113 Personal Financial Management, or	
MGT 3623 Human Relations in the Workplace, or	
MGT 3643 Labor Relations, or	
MGT 3653 Leadership Theory, or	
MGT 3683 Small Business Management, or	
MGT 3703 Management Information Systems, or	
MGT 3723 Non-Profit Management .....	6
MINOR .....	18 credit hours
ELECTIVES (below recommended) .....	5 credit hours
CIS 1102 Software Applications of Computers	
TOTAL FOR MANAGEMENT MAJOR .....	128 credit hours

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

Requirements:

GENERAL EDUCATION CORE .....	51 credit hours
BUSINESS CORE .....	39 credit hours
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
BUS 3303 or 3313 Business Law I or 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
MARKETING MAJOR .....	24 credit hours
MKT 3513 Marketing Management .....	3
MKT 3533 Consumer Behavior .....	3
MKT 3543 Promotional Strategies .....	3
MKT 3553 Marketing Research .....	3
BUS 4901-3 Directed Study in Business, or	
COM 2613 Introduction to Mass Communication, or	
COM 3533 Intercultural Communication, or	
MKT 3523 Retail Marketing, or	
MKT 3563 Professional Selling, or	
MKT 3573 Service Marketing, or	
MKT 3583 Business-to-Business Marketing, or	
MKT 3593 Current Topics in Marketing .....	6
MGT 3113 Personal Financial Management, or	
MGT 3603 Organizational Behavior, or	
MGT 3613 Human Resource Management, or	
MGT 3623 Human Relations in the Workplace, or	
MGT 3653 Leadership Theory, or	
MGT 3683 Small Business Management, or	
MGT 3713 Operations Management	
MGT 3723 Non-Profit Management .....	6
ELECTIVES (below recommended) .....	14 credit hours
CIS 1102 Software Applications of Computers	
TOTAL FOR MARKETING MAJOR .....	128 credit hours

**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:

GENERAL EDUCATION CORE ..... 51 credit hours

BUSINESS CORE ..... 39 credit hours

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

BUS 3303 or 3313 Business Law I or 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

SPORTS MANAGEMENT MAJOR ..... 24 credit hours

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 (below recommended) ..... 14 credit hours

CIS 1102 Software Applications of Computers

TOTAL FOR SPORTS MANAGEMENT MAJOR ..... 128 credit hours

**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.



## **COURSE DESCRIPTIONS**

**Course Divisions:** Accounting (ACC), Business (BUS), Management (MGT), and Marketing (MKT).

### **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 3133 Intermediate Accounting III.** Statement of cash flows, investments, pensions, leases, accounting changes and error analysis, and full disclosure. Prerequisite: ACC 3123.

**ACC 3213 Auditing I.** 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 I.** Tools of the managerial accountant. Unit product costing, job order costing, process costing, standard costing, variance analysis, cost-volume-profit analysis, budgeting, performance measurement, and activity-based-costing. Prerequisite: ACC 3123.

**ACC 3233 Managerial Accounting II.** Decision support systems, quantitative tools for planning and controlling, responsibility accounting, capital budgeting and analysis. Also, Cost Accounting Standards for government contracting. Prerequisite: ACC 3123.

**ACC 3243 Taxation I.** Federal taxation of corporations and partnerships; Property transactions, depreciation, revenue recognition, and tax law. Prerequisite: ACC 3123.

**ACC 4113 Accounting Systems and Controls.** Design, implementation, and operation of accounting systems, especially internal controls and system security. Prerequisite: ACC 3133.

**ACC 4133 Advanced Accounting.** Consolidated financial statements, foreign operations, segment and interim reporting, and partnership accounting. Prerequisite: ACC 3133.

### **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 2801 Practicum in Business.** Up to one hour of credit per semester (maximum of 3 hours toward a degree) during sophomore, junior, and/or senior year for participation in *Students in Free Enterprise* (SIFE).

**BUS 3003 Business Communication.** Compositional techniques and audience analysis enhance the effectiveness of business letters, memos, 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. Students prepare reports on selected areas of law.

**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 experience related to the student's major. Prerequisite: Instructor permission.

**BUS 4823 Business Strategy and Policy.** Capstone seminar exercises classroom concepts through computer-simulated case studies. Students analyze, develop, and implement strategies for "real world" business situations. 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 division chair.

**BUS 4942 Ethics in Business.** Christian ethics against the backdrop of prevailing worldviews. Case studies of ethical dilemmas faced in the business world. How business decisions affect employees, the community, and society. Prerequisite: PHI 4932 and senior status.

### **Management Division**

**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, MGMT 3603 Organizational Behavior, or MGT 2603.

**MGT 3723 Non-Profit Management.** A study of critical management issues in non-profit organizations. Key topics include the following: Start-up strategies, legal status, strategic planning, managing volunteers, budgeting, marketing and public relations, fundraising strategies, and performance measurement. Special emphasis will be given to ministry and faith-based organizations.

### 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 3513 Marketing Management.** Analysis, planning, implementation, and control of programs designed to achieve a desired exchange of goods and services with target markets. Prerequisite: MKT 2503.

**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.

### **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.



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**DEPARTMENT of CHEMISTRY****Bachelor's Degree Options in Chemistry**

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<b>Concentration:</b> General Science.....	p. 98
<b>Minor:</b> General Science.....	p. 51

**MISSION STATEMENT**

The Department of Chemistry strives to provide courses meeting the first two years of a chemistry major or minor, courses applicable to the general education science requirement of Rochester College, and partial requirements for the general science concentration of the Bachelor of Science degree in interdisciplinary studies.

**ACADEMIC OPPORTUNITIES**

Chemistry courses contribute to the interdisciplinary studies major and general science concentration, part of the Bachelor of Science degree program. Chemistry courses meet the science requirement of the general education core and provide entry-level course work for chemistry majors and minors.

**CAREER OPPORTUNITIES**

Graduates with a background in chemistry may play essential roles in several science-related fields such as medicine, nursing, chemical research, pharmacy, veterinary science, engineering, and environmental science.

**COURSE DESCRIPTIONS**

**CHE 1514 College Chemistry I.** Theory and quantitative principles of chemistry: Stoichiometry, atomic and molecular structure, gas law, thermochemistry, and solutions. Three hours lecture and three hours lab, weekly. Pre/Corequisites: MAT 1323 or MAT ACT of 24 or above.

**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. Three hours lecture and three hours laboratory, weekly. Prerequisites: Grade of C or better in CHE 1514 and MAT 1323 or above.

**CHE 2514 Organic Chemistry I.** Structure, reactions, mechanism, and synthesis in the field of organic chemistry. Three hours lecture and three hours laboratory, weekly. Prerequisite: CHE 1524.

**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. Three hours lecture and three hours laboratory, weekly. Prerequisite: CHE 2514.

**CHE 3514 Biochemistry I.** Structure and function of proteins, carbohydrates, and lipids. Enzyme mechanisms, kinetics, and regulation. Bioenergetics and catabolism. Three hours lecture and three hours laboratory weekly. Prerequisite: CHE 2514.





## DEPARTMENT of COMMUNICATION

### Bachelor's Degree Options in Communication

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<b>BS Major:</b> Mass Communication.....	p. 70
<b>Concentration:</b> Communication.....	p. 96
<b>Tracks within the Communication Major:</b>	
Media .....	p. 70
Speech Communication .....	p. 70
Theatre .....	p. 70
<b>Minor:</b> Communication.....	p. 71

### MISSION STATEMENT

The Department of Communication provides programs and courses designed to enable students to think critically and to communicate clearly, effectively, and ethically. The department is committed to helping students strive for great thoughts and powerful communication. Since history reveals the dangers of combining persuasive communication skills with evil thoughts, the department is dedicated to providing a strong moral foundation for effective communication. Department courses and programs also promote the intersecting 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 Communication Department offers the BA in Communication with tracks in Media, Speech Communication, and Theatre. The department also offers the BS in Mass Communication, through an articulation agreement with Specs Howard School of Broadcast Arts. Finally, a concentration in Communication is also offered as part of 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 personal asset that makes communication graduates 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:

GENERAL EDUCATION CORE .....	51 credit hours
COMMUNICATION MAJOR .....	33 credit hours
COM 2513 Introduction to Communication Studies .....	3
COM 4813 Senior Project .....	3
MED 3633 Media Criticism, or	
PSY 3323 Research Methods in the Social Sciences, or	
RHE 3333 Rhetorical Criticism .....	3
Communication Core .....	6
COM 2233 Nonverbal Communication, or	
COM 2253 Listening, or	
COM 3513 Small Group Communication, or	
COM 3523 Interpersonal Communication, or	
COM 3533 Intercultural Communication, or	
COM 3543 Communication Theory <sup>1</sup> , or	
COM 4893 Internship	
Media Core .....	6
COM 4893 Internship, or	
ENG 4513 Media Writing, or	
FLM 2013 Film Appreciation, or	
FLM 2423 Film History, or	
FLM 3413 Film Genre, or	
FLM 3433 Film Theory <sup>1</sup> , or	
FLM 4413 Seminar in Film, or	
JRN 1101 Newspaper Journalism, or	
JRN 2101 Yearbook Journalism, or	
MED 3633 Media Criticism, or	
MED 4643 Religion and Popular Culture, or	
Theatre Core .....	6
COM 4893 Internship, or	
THE 1411 Stagecraft, or	
THE 1421 Theatre Workshop, or	
THE 2003 Appreciation of Theatre, or	
THE 2113 Technical Theatre, or	
THE 3113 Theatre for Young Audiences, or	
THE 3313 Oral Interpretation of Literature, or	
THE 4113 Directing, or	
THE 4143 Theatre and Religion	

<sup>1</sup> At least one theory course from COM 3543, FLM 3433, or RHE 3353 must be included in either the communication major or the track.

Rhetoric Core .....	6
RHE 2223 Public Speaking, or	
RHE 3333 Rhetorical Criticism, or	
RHE 3353 History of Rhetoric <sup>1</sup> , or	
RHE 4313 American Public Address	
 TRACK (select one) .....	 12 credit hours
Media Track (additional courses from media core)	
Speech Communication Track (additional courses from communication and/or rhetoric core)	
Theatre Track (additional courses from theatre core); May also choose no more than one from the following:	
ENG 4213 Shakespeare Comedies and Histories	
ENG 4223 Shakespeare Tragedies	
ENG 4743 Studies in Genre: Drama	
 FOREIGN LANGUAGE (BA only) .....	 8 credit hours
 MINOR .....	 18 credit hours
 ELECTIVES (below recommended) .....	 6-14 credit hours
 TOTAL FOR COMMUNICATION MAJOR .....	 128 credit hours

**BS with Mass Communication Major.** Provides 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.

<sup>1</sup> At least one theory course from COM 3543, FLM 3433, or RHE 3353 must be included in either the communication major or the track.

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. Students admitted to Specs Howard School of Broadcast Arts are required to adhere to all conditions, policies, and rules of Specs Howard School.

GENERAL EDUCATION CORE .....	51 credit hours
COMMUNICATION MAJOR .....	39 credit hours
Communication Core (12 hours)	
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 (15 hours)	
MED 2013 Introduction to Mass Communication .....	3
MED 2513 Media Writing .....	3
MED 3013 Media Theory .....	3
MED 3323 Research Methods in Media .....	3
Any MED, JRN, or FLM course .....	3
Production Core at Specs Howard (12 hours)	
RTB 1116 Broadcasting I .....	6
RTB 1126 Broadcasting II .....	6
PRODUCTION TRACK (select one) .....	12 credit hours
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 credit hours
ELECTIVES (below recommended) .....	8 credit hours
CIS 1102 Software Applications of Computers .....	2
TOTAL FOR COMMUNICATION MAJOR .....	128 credit hours

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

## COURSE DESCRIPTIONS

**Course Divisions.** Communication (COM), Film (FLM), Media (MED), Rhetoric (RHE), and Theatre (THE).

### 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 Introduction to Communication Studies.** An intensive overview of the variety of areas and methods of study in the field of communication. Professional opportunities, the unity and diversity of the field, and other professional and scholarly issues discussed. 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 3543 Communication Theory.** Analysis and criticism of communication theories and models upon which modern communication studies are built. Prerequisite: COM 2513.

**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 4942 Communication Ethics.** The major issues and perspectives involved in making ethical choices in communication. Prerequisite: Senior status.

### **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, theories, and Christian ethics as it relates to film. Students view and analyze a number of films in order to understand better 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.

### **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.

### **Media Division**

**MED 2013 Introduction to Mass Communication.** A survey of the history, types, and uses of mass communication. Also includes 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. Attention given to various cultural perspectives such as culturalism, post-culturalism, feminism, and post-modernism. Prerequisite: COM 2513.

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

**MED 4643 Religion and Popular Culture.** Mutual influence of faith, religion, and spirituality and popular forms of culture such as music, film, television, and print media. Prerequisite: MED 3633.

**MED 4942 Media Ethics.** The Major issues and perspectives involved in making ethical choices and/or evaluations in mediated messages.

### **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.

## 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 2003 Appreciation of Theatre.** Significance of 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 and 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.** 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 as a method of teaching children. Viewpoints on Christian participation in secular theatre. Prerequisite: COM 2513.



## DEPARTMENT of COMPUTER SCIENCE

### Bachelor's Degree Options in Computer Science

**BBA Major:** Computer Systems Management ..... p. 77

#### MISSION STATEMENT

The Department of Computer Science serves the students of Rochester College by offering computer literacy instruction and skills development in computer applications which open doors of opportunity in many modern professional fields.

#### ACADEMIC OPPORTUNITIES

The Bachelor of Business Administration may include a major in computer systems management. Computer science courses develop basic proficiency in computer systems and technological skills for the 21st-century workplace.

Students in the Bachelor of Science program may complete a concentration in a specialized technical field by participating in one of the cooperative degree options offered as part of the interdisciplinary studies major. Some of the concentrations featured in the cooperative program include computer-aided design (CAD) and drafting technology, computer hardware engineering technology, and computer service technician. Technical concentrations must usually be completed at a partner institution in conjunction with BS coursework at Rochester College. See page 45 for details.

#### CAREER OPPORTUNITIES

Computer systems management majors who earn the Rochester College BBA will be well-prepared to achieve success in several entry-level information technology positions. The computer systems management program builds proficiency in the application of technology to business disciplines, including information systems and management. Computer systems management students may choose from careers in business, technology, or the music industry. The BBA with a computer systems management major provides a great background for entry into a professional program.

The current economic slowdown has not affected the IT services industry, which continues to grow. Students who complete their BBA with a computer systems management major will be poised to benefit from this sustained growth.

**BBA with 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:

GENERAL EDUCATION CORE .....	51 credit hours
BUSINESS CORE .....	39 credit hours
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
BUS 3303 Business Law I .....	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
COMPUTER SYSTEMS MAJOR .....	27 credit hours
CIS 2113 Introduction to Programming .....	3
CIS 3113 Visual Basic .....	3
CIS 3413 Inter/Intranet Development .....	3
CIS 3423 Database Management Systems .....	3
CIS 3513 Web Based Application Development .....	3
CIS 3613 Systems Analysis and Design .....	3
CIS 4313 E-Commerce .....	3
CIS 4613 Applied System Analysis Design .....	3
MGT 3703 Management Information Systems .....	3
ELECTIVES .....	11 credit hours
TOTAL FOR COMPUTER SYSTEMS MAJOR .....	128 credit hours

## **COURSE DESCRIPTIONS**

**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 2113 Introduction to Programming.** Problem-solving, algorithm development and implementation using modern programming language. Software design methodologies, tools, techniques, logic, and flow control.

**CIS 3113 Visual Basic.** Object-oriented programming design using Visual BASIC for Windows. Emphasis on data structures, such as databases, queues, sorts and link-lists, and programming in a Windows environment. Prerequisite: CIS 2113.

**CIS 3213 Telecommunications and Networking.** Provides a detailed overview of data communication topics including media, data conversion and encoding, modems, multiplexing, and error detection and control. Specific details related to LANs will be emphasized, and typical telecommunication media alternatives will be compared. Finally, current topics such as security and network design will be explored. Prerequisite: MGT 3703.

**CIS 3413 Inter/Intranet Development.** 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. Will present strategies for designing database management systems (DBMS), and will explore 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. Prerequisite: CIS 2113.

**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. Prerequisite: CIS 2113.

**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, as well as the estimate of corporate investment in information security. Prerequisites: CIS 3213 or equivalent courses.

**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 and CIS 3433.

**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.** Will introduce students to analysis requirements, budgets, risk assessment, and plan development of computerized information systems. Will consider the context of the business organization, using processes and management skills necessary for successful project management. Topics will include project scope, estimating, scheduling, tracking and controlling. Prerequisites: MGT 3703 and CIS 4213.

## DEPARTMENT of EDUCATION

### Bachelor's Degree Options in Education

Elementary Education .....	p. 80
Secondary Education .....	p. 80

#### MISSION STATEMENT

The teacher education program endeavors to provide mastery of teaching concepts and skills derived from psychological and sociological principles as applied to theory and practice of educational techniques.

#### ACADEMIC OPPORTUNITIES

Rochester College will soon offer students the opportunity to pursue their teaching certification from the state of Michigan. Until then, students may participate in a cooperative education program between Rochester College and Madonna University of Livonia, Michigan. Madonna's education program is approved by the National Council for Accreditation of Teacher Education (NCATE) and the Michigan Department of Education. In keeping with state procedures, Madonna University currently is serving as the official mentoring institution to lead Rochester College through the application process while it develops its own education program. Further details about the Rochester College program will be available as the academic year progresses.

Currently, students may complete a Bachelor's degree at Rochester College in several major fields and then fulfill requirements for certification through Madonna University in compliance with Michigan Department of Education standards. During the mentoring process, Rochester College will assume the responsibility of teaching more education courses each year. While Madonna currently recommends credentialing to the state, that process eventually will transfer to Rochester College as well. Additional certifiable majors that presently are not offered by Rochester College are available through Madonna University.

#### CAREER OPPORTUNITIES

Graduates with elementary certification may teach all subject areas in grades K-5 or their major or minor disciplines in grades 6-8. Secondary certification allows graduates to teach grades 7-12 in their major and/or minor disciplines. A specialized endorsement in grades K-12 is available for art, music, and computer science majors.

## DEGREE REQUIREMENTS

Education candidates must select a teaching major and minor, part or all of which may be completed at Rochester College. Madonna University stipulations may require a specific number of hours of the teaching major be completed at that university. Some of the professional education sequence, a core of courses for professional education, must be completed through Madonna University. Most professional education courses, however, are offered by Rochester College.

Students who plan to pursue a degree in education should declare their intent as early as possible to facilitate academic planning with an education advisor. Students who seek Michigan certification are responsible for meeting all requirements of the Michigan Department of Education and the State Board of Education, regardless of whether they are explicitly described in this catalog. Students who seek certification in other states should consult their education advisor early in their program.

The following teaching majors and minors are available in the cooperative program. Rochester College offers complete teaching majors in English, general science, history/social studies, and music education with more under development. Other majors are completed at Madonna University.

	elementary major	secondary major	minor
Biology	x	x	x
Chemistry	x	x	
Communication Arts	x	x	x
Computer Science		x	x
<b>English</b>	x	x	x
<b>General Science</b>	x		
<b>History/Social Studies</b>	x	x	x
Mathematics	x	x	x
<b>Music Education</b>	x	x	x
Natural Science		x	x

The state of Michigan requires teacher certification candidates to successfully complete the Michigan Test for Teacher Certification. Students should complete the Basic Skills Portion of the test upon commencement of their education courses. Rochester College education advisors will provide entrance requirements for the Teacher Education Program. Madonna University requires additional basic skills testing. The cooperative program requires a minimum 2.75 GPA for entrance and continuance. Students are required to take additional state tests near the end of their academic career.

## **COURSE DESCRIPTIONS**

**EDU 2003 Introduction to Education.** Nature of the teaching profession, school structure and operation, current issues and trends, and foundations of education, including 30 hours of classroom observation.

**EDU 3073 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. Prerequisites: SOC 2013 and POS 2013.

**EDU 3092 Music in the Elementary Classroom.** Development of the basic knowledge of the melodic, rhythmic, and harmonic elements of music. Introductory experiences in reading and playing music using a variety of instruments.

**EDU 3162 Art in the Elementary Classroom.** Study of the elements of art with an orientation to a variety of media and techniques emphasizing preparation of innovative, motivating art lessons appropriate to elementary grades.

**EDU 3303 Exceptional Learner.** Physical, psychological, social, and educational factors related to intellectually-gifted, handicapped, and other exceptional students. Emphasizes historical, legal, legislative, and futurist aspects of education for the exceptional. Prerequisite: EDU 2003.

**EDU 3353 Language Arts and Linguistics Foundations.** Application of linguistic theory to language arts education, including an overview of structural and transformational linguistics, and its impact on oral and written communication; Techniques of handwriting and exploration of theory and techniques of listening, speaking, and writing effectively. Prerequisite or Corequisite: EDU 3210 (Madonna University course).

**EDU 3462 Classroom Technology.** Evaluating, selecting, and using appropriate technology as an integrated part of the curriculum to achieve stated learning or behavioral objectives. Effective preparation and use of technology in classroom presentations.

**EDU 4402 Behavior Management in the Classroom.** Analysis of discipline, behavior modification, and group dynamics designed to give student an opportunity to discuss various approaches to handling disruptive behavior with actual problem situations. Emphasis on prevention of classroom problems. Prerequisite: EDU 3120 (Madonna course).

**EDU 4942 Ethics in Education.** Study of ethical and moral dilemmas encountered by classroom teachers. Includes consideration of issues of inclusion, diversity, and gender. Prerequisite: Senior status.

## DEPARTMENT of ENGLISH

### Bachelor's Degree Options in English

<b>BA/BS Major:</b> English .....	p. 84
<b>Concentrations:</b> Literature .....	p. 99
Professional Writing .....	p. 100
<b>Tracks:</b> Literature .....	p. 84
Professional Writing .....	p. 84
<b>Minors:</b> English .....	p. 85
Humanities .....	p. 85
Professional Writing .....	p. 85

### MISSION STATEMENT

The goal of the Department of English 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 history and spiritual values present in a study of literature.

### 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 secondary level. Literature is also an important component in the Language Arts major, which with teacher certification allows graduates to teach at the elementary level. The interdisciplinary studies major features professional writing and literature concentrations. An English minor may also be paired with most majors.

### 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.



**DEGREE REQUIREMENTS**

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

Requirements:

GENERAL EDUCATION CORE .....	51 credit hours
ENGLISH MAJOR .....	28 credit hours
ENG 2000 level or above <sup>1</sup> .....	6
ENG 2413 World Literature .....	3
ENG 3213 British Writers I or ENG 3223 British Writers II .....	3
ENG 3313 American Writers I or ENG 3323 American Writers 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
ENG 4213 Shakespeare Comedies, or ENG 4223 Shakespeare Tragedies, or ENG 4233 Shakespeare Histories, or ENG 4713 Studies in Genre: Novel, or ENG 4723 Studies in Genre: Short Story, or ENG 4733 Studies in Genre: Poetry, or ENG 4743 Studies in Genre: Drama .....	3
TRACK (select one) .....	9 credit hours
Literature Track (9 hours) ENG 3000 level or above literature	
Professional Writing Track (9 hours) ENG 3523 Creative Writing, or ENG 3533 Technical Writing, or ENG 3613 Introduction to Linguistics, or ENG 4513 Media Writing, or ENG 4523 Advanced Composition, or JRN 1101 Newspaper Journalism <sup>2</sup> , or JRN 2101 Yearbook Journalism <sup>2</sup>	
FOREIGN LANGUAGE (BA only) .....	8 credit hours
MINOR .....	18 credit hours
ELECTIVES .....	14-22 credit hours
TOTAL FOR ENGLISH MAJOR .....	128 credit hours

<sup>1</sup> ENG 2113 is required for teacher certification.

<sup>2</sup> A maximum of three hours of JRN 1101 and/or JRN 2101 may be applied toward the writing track.

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

**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, 4513, and 4523.

## COURSE DESCRIPTIONS

**Course Divisions.** English Department courses are subdivided into English (ENG) and JRN (Journalism).

### 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 3413 Children's Literature.** History of children's literature, assessment of children's needs, and effective selection and use of children's literature. May be used to meet general education requirement *only* for elementary education students enrolled in the cooperative program. 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 4423 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. Recommended for students studying to teach grades 6-10. Does not fulfill the literature general education requirement.

**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 4613 Advanced Literary Theory.** 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.** Extended in-depth analysis of selected poetry. Through the course of study, the student will recognize and understand thematic concerns that spinng from different cultures, events, and historical contexts. Prerequisite: ENG 1123 and 3513.

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

## DEPARTMENT of FOREIGN LANGUAGES

### MISSION STATEMENT

The Department of Foreign Languages provides instruction in the French and Spanish languages. The department strives to introduce students to the language, culture, and heritage of French and Spanish speaking people.

### CAREER OPPORTUNITIES

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.

### COURSE DESCRIPTIONS

**Course Divisions.** Courses in the Foreign Language Department are subdivided into French (FRE) and Spanish (SPA).

#### 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.

#### 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 the 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.

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## DEPARTMENT of HISTORY

### Bachelor's Degree Options in History

<b>BA/BS Major:</b> History .....	p. 90
<b>Concentration:</b> History .....	p. 98
<b>Minor:</b> History .....	p. 90
<b>Minor:</b> Social Science .....	p. 91

### MISSION STATEMENT

The Department of History strives to provide students with a deeper understanding of the world in which they now live by exploring the political, cultural, social, and economic life of the world's civilizations of the past. The Department of History also seeks to enrich students' understanding and knowledge of humanity's spiritual heritage in various periods of history. Finally, the Department of History offers guidance in historical research, writing skills, and critical thinking skills.

### ACADEMIC OPPORTUNITIES

The Bachelor of Science degree and the Bachelor of Arts 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 majors may earn teacher certification, allowing graduates to teach History at the secondary level. History is also an important component in the social studies major, which with teacher certification allows graduates to teach at the elementary level.

A history concentration is available under the Interdisciplinary Studies major in the Bachelor of Science degree program. A history minor may be combined with majors from other academic disciplines. History courses meet social science requirements in the general education core.

### 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.

**DEGREE REQUIREMENTS**

**BA/BS with History Major.** Students who plan to seek teacher certification in social studies should consult their academic advisor.

Requirements:

GENERAL EDUCATION CORE .....	51 credit hours
HISTORY MAJOR .....	42 credit hours
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
CHS 3713 Survey of Church History I, or CHS 3723 Survey of Church History II, or HIS 2113 Michigan History, or HIS 3313 French Revolution and Napoleonic Era, or HIS 3323 Nineteenth Century Europe, or HIS 3513 American Diplomatic History, or HIS 3523 Colonial and Revolutionary America, or HIS 3533 The Early American Republic, or HIS 3543 The Gilded Age and Progressive Era, or HIS 3553 American in World Crises, or HIS 4323 Twentieth Century Europe, or HIS 4513 American Civil War, or HIS 4523 Cold War America, or HIS 4613 Selected Topics in History .....	21
FOREIGN LANGUAGE (BA only) .....	8 credit hours
MINOR .....	18 credit hours
ELECTIVES .....	9-17 credit hours
Those certifying to teach social studies should include:	
BUS 2403 Macroeconomics	
BUS 2413 Microeconomics	
GEO 1003 Introduction to Geography	
GEO 3113 World Regions	
POS 2013 National Government	
POS 4013 American Constitutional Law	
TOTAL FOR HISTORY MAJOR .....	128 credit hours

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

**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.

## **COURSE DESCRIPTIONS**

**Course Divisions:** History (HIS) and Geography (GEO).

### **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. Topics include European settlement, the American Revolution, growth of democracy, westward expansion, slavery, Civil War, Reconstruction and industrialization.

**HIS 2523 United States History II.** Surveys America's political, economic, social, religious, and intellectual development from 1900 to the present. Highlights include industrialization and social reform, world wars, prosperity and depression, Cold War, Civil Rights, and the era of global markets.

**HIS 3313 French Revolution and Napoleonic Era.** Highlighting institutional, ideological, and social change, this course examines the origins, development, and impact of the French Revolution and Napoleonic Empire, among the great transforming periods in Western history.

**HIS 3323 Nineteenth Century Europe.** Examines political, economic, ideological, social, cultural, and technological developments in Europe from 1815 to World War I. Topics include the Industrial Revolution and its effects, liberalism and democracy, socialism, nationalism, and imperialism.



**HIS 3423 Emerging Nations.** This course evaluates patterns of political, social, religious and economic development in Africa, Asia, Latin America and the Middle East. Regional case studies focus on flashpoints within each realm and possible solutions to bring the regions into the global community.

**HIS 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.** Designed as 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 history's most violent century. 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 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 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.

### **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.

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## DEPARTMENT of INTERDISCIPLINARY STUDIES

### Bachelor's Degree Options in Interdisciplinary Studies

<b>BS Major:</b>	Interdisciplinary Studies .....	p. 95
<b>Concentrations:</b>	Behavioral Science .....	p. 95
	Business .....	p. 96
	Communication .....	p. 96
	General Science .....	p. 97
	History .....	p. 97
	Literature .....	p. 98
	Management .....	p. 98
	Mathematics .....	p. 98
	Music .....	p. 99
	Professional Writing .....	p. 100
	Religion .....	p. 100
	Sports Management .....	p. 100
	Technical Fields .....	p. 100

Upon approval, other areas of study from the College curriculum can also be used to form a concentration for Interdisciplinary Studies.

### MISSION STATEMENT

The Department of Interdisciplinary Studies seeks to provide a broader area of study than is typically available in most degree programs. The department addresses critical reasoning skills through the liberal arts core and provides an opportunity to study in more than one academic field.

### ACADEMIC OPPORTUNITIES

The Bachelor of Science degree features a major in interdisciplinary studies and concentrations in a broad array of disciplines. Technical concentrations are available through cooperative programs with other local colleges, such as Oakland Community College, Macomb Community College, and New Horizons.

### CAREER OPPORTUNITIES

Interdisciplinary studies majors enjoy a variety of career options. For example, the IS major with the right combination of concentrations may be used as a prelaw degree. The IS major is also an excellent choice for dual studies and vocational ministry preparation. The degree's liberal arts nature provides reasoning, speaking, and writing skills sought by many employers. The IS major serves as good preparation for graduate study.

**DEGREE REQUIREMENTS**

**BS with Interdisciplinary Studies Major.** Allows students to select two areas of study from several degree concentrations.

Students may complete both concentrations for the interdisciplinary studies major at Rochester College, or may complete one concentration in a technical area of study through cooperative programs. Cooperative institutions offer concentrations in several fields of study that range from 24 to 50 credit hours. Cooperative programs are described on page 45.

Requirements:

GENERAL EDUCATION CORE .....	51 credit hours
LIBERAL ARTS CORE .....	15 credit hours
<p style="margin-left: 40px;">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 15 hours must be upper-division.</p>	
FIRST AREA OF CONCENTRATION .....	24 credit hours
SECOND AREA OF CONCENTRATION .....	24 credit hours
ELECTIVES .....	14 credit hours
TOTAL FOR INTERDISCIPLINARY MAJOR.....	128 credit hours

**Behavioral Science Concentration.** Requires:

PSY 2013 General Psychology .....	3
PSY 2223 Life Span Development	
or PSY 2113 Psychology of Adjustment.....	3
PSY 3013 Psychology of Personality or	
PSY 3093 History and Systems of Psychology.....	3
PSY 3033 Abnormal Psychology .....	3
PSY 3053 Health Psychology, or	
PSY 3413 Substance Abuse Counseling, or	
PSY 3423 Cross Cultural Counseling, or	
PSY 4403 Career Guidance Research and Counseling, or	
PSY 4413 Family Systems Therapy, or	
PSY 4423 Group Counseling Techniques .....	3
PSY 3403 Introduction to Psychotherapy and Counseling .....	3
SOC 2013 Introduction to Sociology, or	
SOC 2023 Social Problems, or	
SOC 2453 Marriage and the Family .....	3
SWK 2013 Introduction to Social Work or	
SWK 3003 Human Behavior and the Social Environment.....	3
Total for Behavioral Science Concentration.....	24 credit hours

**Business Concentration.** Requires:

ACC 2113 Accounting I .....	3
BUS 2403 Macroeconomics or BUS 2413 Microeconomics .....	3
BUS 3003 Business Communication .....	3
BUS 3033 International Business .....	3
BUS 3203 Principles of Finance .....	3
BUS 3303 or 3313 Business Law I or II .....	3
MGT 2603 Principles of Management .....	3
MKT 2503 Principles of Marketing .....	3
Total for Business Concentration .....	24 credit hours

**Communication Concentration.** Requires:

COM 2233 Nonverbal Communication, or COM 2253 Listening, or FLM 2013 Film Appreciation, or FLM 2423 Film History, or JRN 1101 Newspaper Journalism, or JRN 2101 Yearbook Journalism, or THE 1411 Stagecraft, or THE 1421 Theatre Workshop, or THE 2113 Technical Theatre .....	6
COM 2513 Introduction to Communication Studies .....	3
One course from the below categories .....	3
Communication Studies (select one) .....	3
COM 3513 Small Group Communication	
COM 3523 Interpersonal Communication	
COM 3533 Intercultural Communication	
COM 3543 Communication Theory	
Media Studies (select one) .....	3
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	
Rhetorical Studies (select one) .....	3
RHE 2223 Public Speaking	
RHE 3333 Rhetorical Criticism	
RHE 3353 History of Rhetoric	
RHE 4313 American Public Address	
Theatre Studies (select one) .....	3
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	
Total for Communication Concentration .....	24 credit hours

**General Science Concentration.** Requires:

Laboratory Science Sequence (select one, another sequence must be included in general education core) .....	8
BIO 1014 or 1024 Biological Science with Lab I or II	
CHE 1514 or 1524 College Chemistry I or II	
PHS 2013/2211 General Physics I	
PHS 2023/2221 General Physics II	
PHS 2514 or 2524 Engineering Physics I or II	
Additional Science (select from below) .....	16
BIO 1124 Zoology	
BIO 2114 or 2124 Human Anatomy and Physiology I or II	
BIO 2224 Introductory Botany and Zoology	
BIO 3213 General Ecology	
BIO 3324 Microbiology	
BIO 3413 Genetics	
CHE 2514 or 2524 Organic Chemistry I or II	
CHE 3514 Biochemistry I	
PHS 3004 Astronomy	
PHS 3114 Earth's Waters	
PHS 3513 Modern Physics	
PHS 4612 Senior Seminar	
PHS 4901, 4902, or 4903 Topics in Science	
Laboratory science sequence from above	
Total for General Science Concentration .....	24 credit hours

**History Concentration.** Requires:

HIS 1313 or 1323 Survey of Western Civilization I or II or	
HIS 2513 or 2523 United States History I or II .....	9
CHS 3713 or 3723 Survey of Church History I or II, or	
HIS 2113 Michigan History, or	
HIS 3313 French Revolution and Napoleonic Era, or	
HIS 3323 Nineteenth Century Europe, or	
HIS 3423 Emerging Nations, or	
HIS 3513 American Diplomatic History, or	
HIS 3523 Colonial and Revolutionary America, or	
HIS 3533 The Early American Republic, or	
HIS 3543 The Gilded Age and Progressive Era, or	
HIS 3553 America in World Crises, or	
HIS 3813 Historical Research and Writing, or	
HIS 4323 Twentieth Century Europe, or	
HIS 4513 American Civil War Era, or	
HIS 4523 Cold War America, or	
HIS 4613 Selected Topics in History, or	
HIS 4813 Senior Project in History .....	15
Total for History Concentration .....	24 credit hours

**Literature Concentration.** Requires:

ENG 3513 Critical Writing and Literary Analysis .....	3
ENG 3213 or 3223 British Writers I or II, or	
ENG 4213 Shakespeare Comedies, or	
ENG 4223 Shakespeare Tragedies, or	
ENG 4233 Shakespeare Histories .....	6
ENG 3313 American Writers I, or	
ENG 3323 American Writers II, or	
ENG 4413 Pluralism in American Literature .....	6
THE 2003 Appreciation of the Theatre, or	
ENG 4713 Studies in Genre: Novel, or	
ENG 4723 Studies in Genre: Short Story, or	
ENG 4733 Studies in Genre: Poetry, or	
ENG 4743 Studies in Genre: Drama .....	6
ENG 4533 Senior Writing Project .....	3
Total for Literature Concentration .....	24 credit hours

**Management Concentration.** Requires:

MGT 2603 Principles of Management .....	3
Additional Management (select from below) .....	21
MGT 3603 Organizational Behavior, or	
MGT 3613 Human Resource Management, or	
MGT 3623 Human Relations in the Workplace, or	
MGT 3643 Labor Relations, or	
MGT 3653 Leadership Theory, or	
MGT 3683 Small Business Management, or	
MGT 3693 Current Topics in Management, or	
MGT 3703 Management Information Systems, or	
MGT 3713 Operations Management	
Total for Management Concentration .....	24 credit hours

**Mathematics Concentration.** Requires:

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
MAT 1213 Finite Mathematics, or	
MAT 2413 Elementary Statistics, or	
MAT 3613 Linear Algebra, or	
MAT 3623 Differential Equations .....	6 <sup>1</sup>
Total for Mathematics Concentration .....	24 credit hours <sup>2</sup>

<sup>1</sup>Must include at least one upper division course.  
<sup>2</sup>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.** Requires:

MUS 1211 and 1221 Ear Training I and II .....	2
MUS 1213 and 1223 Theory I and II .....	6
MUS 3202 Keyboard Harmony, or	
MUS 3213 Form and Analysis, or	
MUS 3403 Conducting, or	
MUS 3503 Corporate Worship Design, or	
MUS 3603 Foreign Language Diction, or	
MUS 3611, 3612, or 3613 Topics in Music, or	
MUS 4203 Counterpoint, or	
MUS 4403 Vocal Pedagogy, or	
MUS 4413 Instrumental Techniques, or	
MUS 4503 Hymnology and Church Music, or	
MUS 4611, 4612, or 4613 Topics in Music .....	8
MUS 3314 and 3324 History of Western Music I and II .....	8
Total for Music Concentration .....	24 credit hours





**Professional Writing Concentration.** Requires:

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
Total for Professional Writing Concentration .....	24 credit hours

**Religion Concentration.** Requires:

BIB 3983 Biblical Interpretation .....	3
BIB 3000 or above textual .....	6
CHS 3713 or 3723 Survey of Church History I or II, or	
CHS 3733 History of the Restoration Movement, or	
CHS 3743 History of American Religions .....	3
DOC 4963 Systematic Christian Doctrine .....	3
Any CHS, DOC, or MIN courses .....	9
Total for Religion Concentration .....	24 credit hours

**Sports Management Concentration.** Requires:

BUS 3303 Business Law I .....	3
ENG 4513 Media Writing.....	3
MGT 2603 Principles of Management .....	3
MGT 3653 Leadership Theory .....	3
SMG 2283 Practicum in Sports Management .....	3
SMG 3003 Sports Marketing .....	3
SMG 4113 Risk Management and Legal Liability .....	3
SMG 4223 Principles and Practices of Sports Administration .....	3
Total for Sports Management Concentration.....	24 credit hours

**Technical Field Concentrations.** See cooperative programs (p. 45).

## DEPARTMENT of MATHEMATICS

### Bachelor's Degree Options in Mathematics

<b>Concentration:</b> Mathematics .....	p. 99
<b>Minor:</b> Mathematics .....	p. 101

#### MISSION STATEMENT

The goal of the Department of Mathematics is 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 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. This program is in the developing stages, and students interested in this option need to contact the Teacher Education Department for specific details regarding teaching certification.
- 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

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

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

**COURSE DESCRIPTIONS**

**MAT 1003 Beginning Algebra.** Basic arithmetic, linear equations and inequalities, graphing linear equations, 2x2 linear systems, exponents, operations with polynomials, factoring, and applications. Required if Math ACT is 17 or below.

**MAT 1103 Intermediate Algebra.** Continues MAT 1003. Factoring, rational expressions, absolute value equations and inequalities, 3x3 linear systems, slope and equation of a line, introduction to functions, function notation, rational exponents and roots, quadratic functions, graphing parabolas, quadratic inequalities, and applications. Prerequisite: Minimum Math ACT of 18 or minimum grade of C in MAT 1003.

**MAT 1213 Finite Mathematics.** Linear functions, systems of linear equations, Gaussian and Gauss-Jordan elimination, linear programming, sets and counting techniques, probability, and applications. May include integer linear programming, graph theory, or mathematics of finance. Prerequisite: Math ACT of 21 or above, or grade of C or better in MAT 1003.

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

**MAT 2213 Learning and Teaching Number Concepts.** Principles of key mathematical concepts and their applications in a problem-solving environment. Includes number sense and numeration, whole number operations, fractions and decimals, computational algorithms, patterns, relations, functions, and informal algebra. Covers the materials, activities, and strategies appropriate to teaching elementary school math. Satisfies general education requirement for elementary education students. Prerequisite: Grade C or better in MAT 1003 or Math ACT of 18 or above.

**MAT 2223 Learning and Teaching Geometric and Statistical Concepts.** For elementary education certification: Properties of two- and three-dimensional geometric figures, similarity and congruence, common and metric measurement, introductory statistics, and probability. Prerequisite: Grade C or better in MAT 1003 or minimum Math ACT of 18.

**MAT 2413 Elementary Statistics.** Descriptive statistics, introductory probability, probability distributions, binomial and normal distributions, estimation, hypothesis testing, linear regression and correlation, and applications. May include multinomial experiments, statistical process control, or nonparametric statistics. Prerequisites: Minimum Math ACT of 18 or minimum grade 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 grade of C or better 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: Grade of C or better in MAT 2515.

**MAT 3534 Calculus and Analytic Geometry III.** Vectors and the geometry of space, vector-valued functions, functions of several variables, and multiple integration. May include vector analysis and differential equations. Prerequisite: Grade of C or better 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: Grade of C or better 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: Grade of C or better in MAT 2524.

**MAT 4333 Reasoning and Proof in Elementary Math.** Students will learn and develop methods of mathematical argumentation and proof. Students will use these methods to develop systematic thinking as well as make, investigate, and evaluate their own mathematical conjectures as well as the work of others.

## DEPARTMENT of MUSIC

### Bachelor's Degree Options in Music

<b>BA/BS Major:</b> Music .....	p. 105
<b>Concentration:</b> Music .....	p. 99
<b>Tracks:</b> Music Education .....	p. 105
Music Ministry .....	p. 105
Vocal Performance .....	p. 105
<b>Minor:</b> Music .....	p. 106

### MISSION STATEMENT

The Department of Music 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, and designs degree 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.

### ACADEMIC OPPORTUNITIES

Students may pursue the Bachelor of Science degree or Bachelor of Arts degree in music with a track in music education, music ministry, or vocal performance. Students may also complete a music concentration for the interdisciplinary studies major, or a minor in music which may be elected to complement the Bachelor's degree.

### 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 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 other fields is often achieved through experience.

**DEGREE REQUIREMENTS**

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

Requirements:

GENERAL EDUCATION CORE .....	51 credit hours
MUSIC MAJOR .....	45 credit hours
MUS 1101, 1111, 1121, 1131, 1141, or 1151 Ensemble .....	2
MUS 1211 Ear Training I .....	1
MUS 1213 Theory I .....	3
MUS 1221 Ear Training II .....	1
MUS 1223 Theory II .....	3
MUS 2211 Ear Training III .....	1
MUS 2213 Theory III .....	3
MUS 2221 Ear Training IV .....	1
MUS 2223 Theory IV .....	3
MUS 3213 Form and Analysis .....	3
MUS 3314 History of Western Music I .....	4
MUS 3324 History of Western Music II .....	4
MUS 4203 Counterpoint .....	3
MUS 4601 Senior Seminar in Music .....	1
Major Instrument or Voice .....	8
Minor Instrument or Voice .....	4
TRACK (select one) .....	12 credit hours
Music Education Track (12 hours)	
MUS 2403 Introduction to Music Education	
MUS 3403 Conducting	
MUS 4403 Vocal Pedagogy	
MUS 4413 Instrumental Techniques	
Music Ministry Track (12 hours)	
MUS 2603 Sound System Technology	
MUS 3403 Conducting	
MUS 3503 Corporate Worship Design	
MUS 4503 Hymnology and Church Music	
Vocal Performance Track (12 hours)	
MUS 1151 Opera Workshop (3 times)	
MUS 3603 Foreign Language Diction	
MUS 4403 Vocal Pedagogy	
MUS 4623 Senior Recital	
FOREIGN LANGUAGE (BA only) .....	8 credit hours
MINOR OR ELECTIVES .....	12-20 credit hours
TOTAL FOR MUSIC MAJOR .....	128 credit hours

**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.

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

**Additional Requirements.** 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.

**Program Notes.** 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. Students seeking teacher certification should select a minor appropriate to a teaching field. Music education students should expect no less than a five-year commitment, which includes teacher certification. A minimum 2.75 GPA is required for teacher certification.

Applied music (voice and piano) 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 portion of the general education requirement, those hours are replaced with electives.

## **COURSE DESCRIPTIONS**

**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 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 appropriate 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 1131 Spectrum.** Contemporary ensemble. Repertoire similar to Autumn, but may also include secular pop and show music. Prerequisite: Membership by audition only.

**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 unable 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 instrumental 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 2603 Foreign Language Diction.** Latin, Italian, German, and French diction and their application to choral and song literature. Emphasizes use of the International Phonetic Alphabet.

**MUS 3202 Keyboard Harmony.** Improvisation of simple accompaniment using keyboard instruments. Includes interpretation of implied harmonies. Grade of 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 3314 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 3324 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 Sound System Technology.** Setup, design, and operation of public address sound systems.

**MUS 3611/3612/3613 Topics in Music.** Junior-level study of a specific topic related to the music field.

**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.

## DEPARTMENT of PHYSICAL EDUCATION

### 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.

### 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.

### COURSE DESCRIPTIONS

**Enrollment Regulations.** Physical Education activity courses or varsity sports 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.

**Activity Courses.** Physical Education activity courses that count for academic credit include:

**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.** Proper conditioning techniques.

**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. May be required for education majors.

**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.** Men.

**PED 2231 Varsity Basketball.** Men.

**PED 2271 Varsity Soccer.** Men.

**PED 2421 Varsity Softball.** Women.

**PED 2431 Varsity Basketball.** Women.

**PED 2461 Varsity Volleyball.** Women.

**PED 2471 Varsity Soccer.** Women.

**PED 2541 Varsity Cross Country.** Men and Women.

**PED 2641 Varsity Track.** Men and Women.

## DEPARTMENT of PHYSICAL SCIENCE

### Bachelor's Degree Options in Physical Science

<b>BS Major:</b> General Science (certification only).....	p. 113
<b>Concentration:</b> General Science.....	p. 98
<b>Minor:</b> General Science.....	p. 51

### MISSION STATEMENT

The Department of Physical Science exists to provide entry-level physical science courses that introduce students to the elements of the physical world in which they live. The Department of Physical Science strives to enhance each student's appreciation for God's role in the creation and function of the physical world.

### ACADEMIC OPPORTUNITIES

The Department of Physical Science offers a general science major for students who plan to seek state teacher certification. Also, physical science courses meet general education core requirements for all degrees at Rochester College. A physical science concentration is available to students majoring in interdisciplinary studies. A physical science minor may be combined with any academic major.

### CAREER OPPORTUNITIES

Science majors may pursue careers in education, research, medical science, nursing, engineering, and many other scientific occupations.



**DEGREE REQUIREMENTS**

**BS with General Science Major.** Available upon the completion of all requirements for the Elementary (K-8) Provisional Teaching Certificate. Students who begin but do not complete the program for teacher certification must take another major to complete the degree at Rochester College.

Requirements:

GENERAL EDUCATION CORE .....	42 credit hours
GENERAL SCIENCE MAJOR .....	42 credit hours
BIO 1014 Biological Science I .....	4
BIO 1024 Biological Science II .....	4
BIO 2224 Introductory Botany and Zoology .....	4
CHE 1514 College Chemistry I .....	4
CHE 1524 College Chemistry II .....	4
PHS 1004 Earth Science with Lab .....	4
PHS 2013 General Physics I .....	3
PHS 2211 Physics Lab I .....	1
PHS 2023 General Physics II .....	3
PHS 2221 Physics Lab II .....	1
PHS 3004 Principles of Astronomy .....	4
PHS 3114 Earth’s Waters .....	4
PHS 4612 Senior Seminar .....	2
MINOR .....	18 credit hours
REQUIRED SUPPORT COURSES .....	5 credit hours
MAT 1335 Pre-Calculus	
ELECTIVES .....	21 credit hours
TOTAL FOR GENERAL SCIENCE MAJOR .....	128 credit hours

**COURSE DESCRIPTIONS**

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

**PHS 1004 Earth Science with Lab.** Topics covered include: Earth’s composition, internal and external processes, plate tectonics, map reading and interpretation, geologic structures, atmosphere, weather processes and prediction, and climate. Includes a lab component.

**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.

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

**PHS 2324 Science Foundations II: Astronomy, Earth Science, and Physics.** Basic science concepts primarily for pre-service elementary teachers. The solar system, earth's structure, and the laws and forces which govern earth and the universe as a whole. Three hours lecture and three hours laboratory weekly. Prerequisite: MAT 1003.

**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.

**PHS 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.

**PHS 3513 Modern Physics.** Relativity, kinetic theory, quantization, atomic physics, molecules, solids, nuclei, and elementary particles. Prerequisite: PHY 2023 or 2524.

**PHS 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.

**PHS 4901/4902/4903 Topics in Science.** Presentation of paper or project. Three credits maximum. Prerequisite: Instructor permission.

## DEPARTMENT of POLITICAL SCIENCE

### Bachelor's Degree Options in Political Science

<b>Minors:</b> American Legal Studies .....	p. 115
Prelaw .....	p. 115
Social Science .....	p. 91

### MISSION STATEMENT

The Department of Political Science 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 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 meet the social studies requirement for teacher certification.

### CAREER OPPORTUNITIES

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

**American Legal Studies Minor.** Requires BUS 3303, 3313; and POS 2013, 2023, 2043, and 4013 or 4213.

**Prelaw Minor.** Requires BUS 3303, 3313; HIS 3523, 3533, 3543, or 3553; and POS 2023, 2043, 4213.

### COURSE DESCRIPTIONS

**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 lawmaking 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.



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## DEPARTMENT of PSYCHOLOGY

### Bachelor's Degree Options in Psychology

<b>B.S. Majors:</b>	Behavioral Science .....	p. 118
	Psychology .....	p. 119
<b>Concentration:</b>	Behavioral Science .....	p. 96
<b>Tracks:</b>	Counseling .....	p. 118
	Social Work .....	p. 118
<b>Minors:</b>	Behavioral Science .....	p. 120
	Counseling .....	p. 120
	Psychology .....	p. 120
	Social Science .....	p. 91
	Social Work .....	p. 134

### MISSION STATEMENT

The Department of Psychology 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.

### 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). Psychology graduates are also often sought by employers in sales, public relations, or other human services and resources.

**DEGREE REQUIREMENTS**

**BS with Behavioral Science Major.** Features tracks in counseling or social work. Both tracks include practicums in the student’s chosen field of study. Graduate studies normally are required to certify for practice in most agencies and for licensure as a private therapist.

Requirements:

GENERAL EDUCATION CORE .....	51 credit hours
BEHAVIORAL SCIENCE MAJOR .....	24 credit hours
PSY 2013 General Psychology .....	3
PSY 2223 Life Span Development .....	3
PSY 3013 Psychology of Personality or	
PSY 3093 History and Systems of Psychology .....	3
PSY3303 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 Cross Cultural Counseling .....	3
PSY 4493 Field Practicum or	
SWK 4893 Field Practicum .....	3
TRACK (select one) .....	18 credit hours
Counseling Track (18 hours)	
PSY 3033 Abnormal Psychology	
PSY 3313 Introduction to Psychological Assessment	
PSY 3413 Substance Abuse Counseling	
PSY 4403 Career Guidance Research and Counseling	
PSY 4413 Family Systems Therapy	
PSY 4423 Group Counseling Techniques	
Social Work Track (18 hours)	
PSY 3413 Substance Abuse Counseling or	
PSY 4423 Group Counseling Techniques	
SWK 2013 Introduction to Social Work	
SWK 3003 Human Behavior and the Social Environment	
SWK 3103 Social Welfare and Public Policy	
SWK 4403 Social Work Practice I	
SWK 4413 Social Work Practice II	
MINOR .....	18 credit hours
ELECTIVES .....	17 credit hours
TOTAL FOR BEHAVIORAL SCIENCE MAJOR .....	128 credit hours

**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:

GENERAL EDUCATION CORE .....	51 credit hours
PSYCHOLOGY MAJOR .....	36 credit hours
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 .....	9
PSY 2113 Psychology of Adjustment, or	
PSY 2223 Life Span Development, or	
PSY 3013 Psychology of Personality, or	
PSY 3033 Abnormal Psychology, or	
PSY 3043 Brain and Behavior, or	
PSY 3053 Health Psychology, or	
PSY 3093 History and Systems of Psychology, or	
PSY 3123 Social Psychology, or	
PSY 3143 Psychology of Religion	
Laboratory Core .....	7
PSY3503 Cognitive Psychology, or	
PSY 3514 Learning and Memory, or	
PSY 3524 Sensation and Perception	
Advanced Core .....	8
PSY 3053 Health Psychology, or	
PSY 3203 Child Development, or	
PSY 3213 Adolescent Development, or	
PSY 3223 Psychology of Adulthood and Aging, or	
PSY 3313 Introduction to Psychological Assessment, or	
PSY 3403 Introduction to Psychotherapy and Counseling, or	
PSY 4403 Career Guidance Research and Counseling, or	
PSY 4911/4912/4913 Directed Research, or	
PSY approved by Department Chair	
MINOR .....	18 credit hours
ELECTIVES (below recommended) .....	23 credit hours
BIO 2114 Human Anatomy and Physiology I	
CIS 1102 Software Applications of Computers	
SOC 2453 Marriage and the Family	
TOTAL FOR PSYCHOLOGY MAJOR .....	128 credit hours

**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.

**Program Notes.** BIO 2114, CIS 1102, and SOC 2453 recommended for behavioral science and psychology majors. Both majors require 36 hours of upper-division credit, inclusive of all course work.

## COURSE DESCRIPTIONS

**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. Required if ACT composite is less than 17 or if high school GPA is less than 2.00.

**PSY 2013 General Psychology.** Study of human behavior, personality, motivation, emotion, intelligence, personal adjustment, and the social and physiological bases of behavior.

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

**PSY 2223 Life Span Development.** Lifespan personal and social development; Emphasis on lifetime cognitive development.

**PSY 3013 Psychology of Personality.** Personality theories and the understanding of human development, psychopathology, and behavior. Prerequisites: 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. Prerequisites: 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.

**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. Prerequisites: 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 of a person from birth to puberty. 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.** Construction, evaluation and standardization, and interpretation of the various tests and measurements of personality, intelligence, ability, achievement, vocational interest, and special 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. Prerequisites: PSY 2013.

**PSY 3403 Introduction to Psychotherapy and Counseling.** Methods of gathering, analyzing, and interpreting case data in counseling. 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 Counseling.** Substance abuse problems including counseling theories, cross-cultural views, physiology, assessment strategies, current treatment processes, client rights, and ethical issues. Prerequisite: PSY 3403.

**PSY 3423 Cross Cultural Counseling.** Counseling methods and techniques for a pluralistic and multicultural society. Highlights multicultural trends and characteristics of diverse groups. Discusses cultural awareness and sensitivity, 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 Career Guidance Research and Counseling.** Research methods, tests, theories, counseling techniques, and cross-cultural/special population issues for career guidance. Students plan and conduct workshops on career planning, test anxiety, résumé writing, and interviewing. May include counselling on-campus peers. Prerequisite: PSY 3403.

**PSY 4413 Family Systems Therapy.** Marital and family therapy, family systems theory and principles, multicultural differences, intergenerational and multigenerational issues, family process, techniques, and professional issues. Prerequisite: PSY 3403.

**PSY 4423 Group Counseling Techniques.** Group intervention theories and specific counseling applications, including cross-cultural and ethical issues. Students participate in, and conduct group activities. Prerequisites: PSY 3403.

**PSY 4493 Field Practicum.** 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 an advanced topics, and related psychology issues. Course 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 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.





## DEPARTMENT of RELIGION AND BIBLE

### Bachelor's Degree Options in Religion

<b>BRE Majors:</b>	Biblical Studies .....	p. 125
	Christian Ministry .....	p. 126
	Youth Ministry .....	p. 127
<b>Concentration:</b>	Religion .....	p. 100
<b>Minors:</b>	Biblical Languages .....	p. 127
	Biblical Studies .....	p. 127
	Greek .....	p. 127
	Religion .....	p. 127
	Youth and Family Ministry .....	p. 127

### 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 certain students for a vocation in Christian ministry.

### ACADEMIC OPPORTUNITIES

The Bachelor of Religious Education degree supports formal preparation for Christian ministry or advanced instruction in biblical studies. Available majors are biblical studies, Christian ministry, or youth ministry. Christian ministry majors may select a track in either preaching or youth and family ministry. A concentration in religion is available under the interdisciplinary studies major of the Bachelor of Science degree program for those interested in vocational ministry or a non-biblical languages degree plan. Minors are offered in biblical studies, biblical languages, religion, or youth and family ministry

### CAREER OPPORTUNITIES

BRE 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 BRE provides a foundation for graduate studies in religion.





**BRE with Christian Ministry Major.** Students may earn the Bachelor of Religious Education 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:

GENERAL EDUCATION CORE <sup>1</sup> .....	51 credit hours
CHRISTIAN MINISTRY MAJOR .....	48 credit hours
BIB 3983 Biblical Interpretation .....	3
BIB 3000 level or above textual with both Old and New Testament Courses included .....	4
CHS 3713 Survey of Church History I .....	3
CHS 3723 Survey of Church History II .....	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 3513 Theology of Ministry .....	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
MINOR .....	18 credit hours
ELECTIVES .....	11 credit hours
TOTAL FOR CHRISTIAN MINISTRY MAJOR .....	128 credit hours

<sup>1</sup> In the Christian Values portion of general education, biblical studies majors must take BIB 1013, 1023, six hours of 3000 level textual courses, MIN 4942 and PHI 4942.

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

Requirements:

GENERAL EDUCATION CORE <sup>1</sup> .....	51 credit hours
YOUTH MINISTRY MAJOR .....	48 credit hours
BIB 3983 Biblical Interpretation .....	3
BIB 3000 or above textual with both Old and New Testament courses included .....	4
CHS 3713 Survey of Church History I .....	3
CHS 3723 Survey of Church History II .....	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 3353 Youth and Media .....	3
MIN 3363 Family Life Ministry .....	3
MIN 3423 Issues in Culture and Evangelism .....	3
MIN 3513 Theology of Ministry .....	3
MIN 4873 Internship .....	3
PSY 3213 Adolescent Development .....	3
MINOR .....	18 credit hours
ELECTIVES .....	11 credit hours
TOTAL FOR YOUTH MINISTRY MAJOR .....	128 credit hours

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

**Biblical Studies Minor.** Requires 15 hours of BIB 3000 level above textual courses and BIB 3983.

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

**Religion Minor.** Requires BIB 3983 and 15 hours of upper-division religion courses.

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

<sup>1</sup> In the Christian Values portion of general education, biblical studies majors must take BIB 1013, 1023, six hours of 3000 level textual courses, MIN 4942 and PHI 4942.

## **COURSE DESCRIPTIONS**

**Course Divisions.** Bible (BIB), Church History (CHS), Doctrine (DOC), Greek (GRE), Hebrew (HEB), Ministry (MIN), and Philosophy (PHI).

### **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 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 3213 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.

**BIB 3223 Romans and Galatians.** Doctrinal exegesis of Paul's letters to the Roman and Galatian Christians. Grace, atonement, justification, law, sin, wrath, and death in the context of Gentile and Jewish concerns.

**BIB 3232 I and II Thessalonians.** A study of Paul's letters to the church in Thessalonica 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 3242 Prison Epistles.** A study of Paul's letters to Philemon and to the churches at Ephesus, Colossae, and Philippi with attention given to their literary context and historical purpose as well as what they contribute to our understanding of Paul's life and teachings.

**BIB 3252 Pastoral Epistles.** A study of Paul's letters to Timothy and Titus with attention given to their literary context and historical purpose 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 3983 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 4153 Pentateuch.** Historical, literary, cultural, and theological analysis of Genesis through Deuteronomy. Prerequisite: BIB 3983.

**BIB 4183 Critical Introduction to the Old Testament.** Historical review of critical approaches to the Old Testament and its modern interpreters; examination of and application of various critical methodologies; attention to ancient Near Eastern backgrounds for understanding Israelite religion; formulation of Old Testament theologies. Prerequisite: BIB 3983.

**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 3983.

**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 3983.

**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 3983.

**BIB 4283 Critical Introduction to the New Testament.** An examination of critical issues in New Testament study, including text and canon, critical methodologies, history and chronology, unity and diversity, authorship, and dating..

### Church History Division

**CHS 3713 Survey of Church History I.** History of Christianity from the close of the apostolic age through the Protestant Reformation.

**CHS 3723 Survey of Church History II.** History of Christianity from Reformation to the modern age.

**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.

### 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. Corequisite: Senior status.

### **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.

### **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 develops 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.

### **Ministry Division**

**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 3323 Introduction to Preaching.** Pulpit, classroom, and group methods of communicating the gospel. Sermon materials, preparation, and construction. Prerequisite: COM 1013 and BIB 3983.

**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 3513 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 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. While it is possible to complete an internship during the fall or spring semesters, most internships take place during the summer, with enrollment in MIN 4873 occurring 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 concept, personal conduct, use of time and money, responsibilities, relationship with church members and church leaders, counseling relationships, and family. Prerequisite: PHI 4932.

### Philosophy Division

**PHI 2013 Introduction to Philosophy.** Is philosophy really useful, or is it just abstract, academic mumbo-jumbo? In this class, students, will not only be introduced to philosophers and philosophical ideas, but will hopefully discover how exciting and valuable philosophy can be. The class will also have an interdisciplinary flavor which will explore the ways that philosophy relates to and undergirds other disciplines such as 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, pregame 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 3923 World Religions.** Major world religious movements including Buddhism, Hinduism, Confucianism, Shintoism, and Islam.

**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 aimed at evaluating 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.

## DEPARTMENT of SOCIAL WORK

### Bachelor's Degree Options in Social Work

**Track:** Social Work ..... p. 118

**Minor:** Social Work ..... p. 134

#### MISSION STATEMENT

The Department of Social Work exists to prepare students for the field of social service. Courses place an emphasis on the Christian model of service.

#### ACADEMIC OPPORTUNITIES

The Bachelor of Science degree in behavioral science may include a track or minor in Social Work.

#### CAREER OPPORTUNITIES

The human services field is one of the fastest growing employment areas. Entry-level jobs are usually available in social agencies, welfare programs, and community health agencies.

#### DEGREE REQUIREMENTS

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

#### COURSE DESCRIPTIONS

**SWK 2013 Introduction to Social Work.** Social welfare field, history of American social services, and issues.

**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.

**SWK 4423 Social Work Practice III.** Applies generalist social work skills to current issues facing practitioners in macro-level practice: Race, gender, sexuality, and culture. Students integrate social work values, skills, and problem-solving processes at levels of intervention that include individuals, families, small groups, organizations, and communities. Prerequisite: SWK 4413.

**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.

## DEPARTMENT of SOCIOLOGY

### MISSION STATEMENT

The department provides courses for general education and the BS degree. Courses emphasize human relationship to society and culture.

### COURSE DESCRIPTIONS

**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.

## *College of Extended Learning*

### **MISSION**

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, and the Mott Community College University Center in Flint, Michigan. 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 146 and 147).
- BS Computer Systems Management (page 147).
- Bachelor of Science (BS) with a counseling psychology major (page 148).
- BS with an early childhood major (page 148 and 149).
- Associate of Arts (AA-page 150).

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

- BS with a business communication major (page 149).
- BS with a counseling psychology major (page 148).

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

- BS with an early childhood major (page 148 and 149).
- BS with a business communication major (page 149).
- BS Computer Systems Management (page 147).

## **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).
- Each Bachelor's degree completion program is 45 semester hours (36 semester hours for the business communication major).
- The AA requires 62 semester hours and may be applied toward foundation requirements for a Bachelor's degree program.

### **Program Schedules.**

- Classes meet once per week in four-hour blocks in the evenings or on Saturdays.
- Courses meet for eight weeks.
- Evening classes usually meet 6-10PM.
- Saturday classes usually meet 8AM-12PM or 12:30-4:30PM.
- 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 academic programs that serve the needs of adult learners. The characteristics of adult learners are carefully considered in the design of CEL programs.

Regular admission to the College of Extended Learning is granted to students who are at least 23 years of age or have three or more years of full-time work experience, and have a high school diploma with a minimum grade point average (GPA) of 2.00 or a GED with a minimum score of 50. Transfer students must have a minimum GPA of 2.00 to be regularly admitted.

Regular admission to the University Center Programs is granted to graduates of the host community college who have a minimum GPA of 2.00.

Students must have at least 60 credit hours to be admitted into a Bachelor's degree completion program. Adult learners who have less than 60 credit hours may be admitted to the accelerated Associate of Arts program to fulfill this requirement and/or work on additional foundation credits.

**NOTE:** To be admitted to the early childhood program, applicants must be currently employed in the early childhood field.

Provisional admission may be granted if a student is under the age of 23 and otherwise meets the minimum academic standards through demonstrating that his or her primary life identity has moved beyond that of a traditional student. To be provisionally accepted, students must document work and life experience supporting their application to an accelerated adult program. 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 stu-

dents must finish foundation credits through the Associate of Arts program prior to being accepted into a Bachelor's degree completion program.

Provisional admission with academic alert status may be granted to the Associate of Arts program if a student meets all other requirements but does not meet the required GPA for regular admission. Completion of three courses with a grade of C or better will allow the student to be placed on regular enrollment status.



## **ACADEMIC AND GENERAL POLICIES**

**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 as follows:

- Accelerated Associate of Arts Program ..... 6 hours
- Accelerated Bachelor’s Degree Program..... 6 hours minimum

The CVR for the accelerated Bachelor’s degree program depends on how many hours a student transfers from another college (see chart below). The minimum CVR is 12 hours for students seeking both the AA and the Bachelor’s degree. NOTE: *Courses taken to meet the CVR for the AA degree may not be applied to the minimum CVR for the Bachelor’s degree.*

credits transferred	CVR
0-29	12 hours
30-59	9 hours
60+	6 hours

**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.** Rochester College recognizes the increasing number of adult learners who are pursuing degrees offered through the College of Arts and Sciences. This policy impacts adult learners who wish to take courses from both the College of Extended Learning and the College of Arts and Sciences, or the traditional student wishing to take courses from CEL.

- 1 The designation of “traditional student” or “CEL student” is determined by which college the student is pursuing a degree through (*i.e.* College of Extended Learning or College of Arts and Sciences).
- 2 Traditional students are eligible to enroll in a course in the CEL program only if they meet all of the CEL’s regular admission requirements. CEL students may enroll in traditional courses with the restrictions outlined in this policy.
- 3 Traditional students who take CEL courses will be charged the traditional student rate. CEL students who take traditional courses will be charged the traditional student rate.
- 4 Crossover enrollment is allowed on a *space available basis only*. The final determination will be made no later than the day preceding the start of the course(s) in question.
- 5 Crossover enrollment is not allowed in the core course of CEL’s counseling psychology program.

**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 already having a variety of experiences or training in their background which has given them skills, learning, and knowledge that is equivalent to college-level learning. Therefore, the College provides nontraditional avenues through which students can receive credit for those experiences.

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

**On-Line and Web-Enhanced Courses.** On-line and Web-enhanced courses are supported by the WebCT course management system. On-line courses support Rochester College academic programs and are not degree-bearing on their own merit. Students must have access to e-mail and the Internet to enroll in on-line or Web-enhanced courses.

**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 second class meeting receive a grade of W (withdrawal). The last day to drop a course is the day immediately following the fifth meeting of the course.

**Student Housing.** CEL programs primarily serve working adult students who commute to the Rochester College campus or a satellite. The College normally does not make on-campus housing available to CEL students. In special cases, the College may grant temporary on-campus housing to a CEL student on a space-available basis. In rare instances when a CEL student is granted temporary on-campus housing, he or she must adhere to all rules, regulations, policies, expectations, and financial obligations of traditional boarding students.

**Transfer Policy.** The CEL accepts up to 47 semester hours for transfer into the AA program. Up to 90 semester hours may transfer toward an accelerated Bachelor's degree completion program. Official transcripts must be submitted for an evaluation of credit.

**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 (refundable)

Tuition (per semester hour) ..... \$205

### Other Charges and Fees (nonrefundable)

Application Fee .....	25
Computer Lab Fee (optional, per semester) .....	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) .....	20
Returned Check Fee (NSF, per check) .....	25
Textbooks .....	varies
Transcript Fee (per copy) .....	5

### Nontraditional Credit Evaluation (nonrefundable)

#### Testing Services

CLEP Testing Fee (per examination).....	60
CLEP Credit Recording Fee (per credit hour) .....	10
PEP, GED, USAFI, DAN TES Recording Fee (per credit hour) .....	10
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 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/ 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.

**Semester Payment Plan.** Students 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 below. 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.

<u>Fall Semester</u>	<u>Spring Semester</u>	<u>Summer Semester</u>
August 16	January 6	April 28
September 20	February 20	May 20
October 21	March 20	June 20

**Employer Reimbursement.** Students who will receive employer assistance may defer payment up to 5 weeks after the last day of the semester. The student must complete their employer's tuition assistance process so that timely payment is made on their account and submit to the Business Office, documentation from their employer of 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.

### **DELINQUENT ACCOUNTS**

**Past Due Accounts.** Transcripts cannot be released 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. Consult the Financial Aid and Business Office before dropping a course.

### Eight Week Course Calendar

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%

### 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

**General Education Core.** Bachelor's degree completion programs require students to complete at least one course from each of the following areas: Written communication, oral communication, fine arts, literature, science, and history or another social science. A total of 25 credit hours is required.

**BBA with Management Major.** Requirements are:

FOUNDATION CREDIT .....	75 credit hours
General Education Core .....	25
Electives, Technical, Occupational Courses .....	50
MANAGEMENT PROGRAM .....	45 credit hours
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 .....	120 credit hours

**BBA with Accounting Major.** Requirements are:

FOUNDATION CREDIT .....	60 credit hours
General Education Core .....	25
Electives/Technical/Occupational .....	32
Principles of Management .....	3
ACCOUNTING PROGRAM .....	60 credit hours
ACC 3113 Intermediate Accounting I .....	3
ACC 3123 Intermediate Accounting II .....	3
ACC 3133 Intermediate Accounting III .....	3
ACC 3213 Auditing I .....	3
ACC 3223 Cost Accounting I .....	3
ACC 3233 Cost Accounting II .....	3
ACC 3243 Taxation .....	3
ACC 4253 Accounting Systems and Controls .....	3
ACC 4413 Advanced Accounting .....	3
BIB 3813 Survey of Biblical Literature .....	3
BUS 2113 Accounting I .....	3
BUS 2123 Accounting II .....	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
<b>TOTAL FOR ACCOUNTING .....</b>	<b>120 credit hours</b>
 <b>BS with Computer Systems Management Major.</b> Requirements are:	
<b>FOUNDATION CREDIT .....</b>	<b>75 credit hours</b>
General Education Core .....	25
(at least one from each of the following):	
Oral Communication	
Written Communication	
Fine Arts	
Math (1003 or higher)	
Science	
History or Social Science	
Literature	
Prerequisites .....	6
MAT 1003 Beginning Algebra	
MGT 2603 Principles of Management	
Electives/Technical/Occupational .....	44
CIS 1103 Software Applications	
(Recommended if not already proficient)	
 <b>COMPUTER SYSTEMS MANAGEMENT PROGRAM ...</b>	<b>45 credit hours</b>
BIB 3813 Survey of Biblical Literature .....	3
BUS 3003 Business Communication .....	3
BUS 4943 Business Ethics .....	3
MGT 3703 Management of Information Systems .....	3
MGT 3713 Operations Management .....	3
CIS 3413 Inter/Intranet Development .....	3
CIS 3423 Database Management Systems .....	3
CIS 3613 Systems Analysis and Design .....	3
CIS 4613 Applied System Analysis and Design .....	3
CIS 3213 Telecommunications Networking .....	3
CIS 3433 Data Mangement and Data Warehousing) .....	3
CIS 3733 Systems Security Management .....	3
CIS 4213 Decision Support and Expert Systems .....	3
CIS 4313 E-Commerce .....	3
CIS 4733 Project Management .....	3
 <b>TOTAL FOR COMPUTER SYSTEMS MGMT .....</b>	<b>120 credit hours</b>



**BS with Counseling Psychology Major.**

Requirements:

FOUNDATION CREDIT .....	75 credit hours
General Education Core .....	25
(at least one from each of the following):	
Oral Communication	
Written Communication	
Fine Arts	
Science	
History or Social Science	
Literature	
Prerequisites .....	9
General Psychology	
Preparation for Statistics	
Statistics for the Behavioral Sciences	
Electives/Technical/Occupational .....	41
 COUNSELING PSYCHOLOGY PROGRAM .....	 45 credit hours
BIB 4813 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 Tests and Measurements .....	3
PSY 3323 Research Methods .....	3
PSY 3403 Techniques of Counseling .....	3
PSY 3413 Substance Abuse Counseling .....	3
PSY 3423 Cross Cultural Counseling .....	3
PSY 4403 Career Guidance Research and Counseling .....	3
PSY 4413 Family Systems Therapy .....	3
PSY 4423 Group Counseling Techniques .....	3
PSY 4893 Psychology Seminar (capstone course) .....	3
PSY 4913 Directed Research .....	3
PSY 4943 Ethics in Behavioral Science .....	3
 TOTAL FOR COUNSELING PSYCHOLOGY .....	 120 credit hours

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

FOUNDATION CREDIT .....	75 credit hours
General Education Core .....	25
Electives, Technical, Occupational Courses (below required) .....	41
General Psychology .....	3
ECE introductory-level classes .....	6
(CDA may be evaluated for acceptance)	

<b>EARLY CHILDHOOD PROGRAM</b> (from below) .....	45 credit hours
BIB 3813 Survey of Biblical Literature	
ECE 3303 Legal Issues in Early Childhood Education	
ECE 3323 Assessment of the Young Child	
ECE 3343 Observation and Reporting	
ECE 3433 Creative Arts for Young Children	
ECE 4443 Emerging Language and Literacy	
ECE 4533 Family Education and Advocacy	
ECE 4613 Special Needs Children and Families	
ECE 4623 Identifying and Serving the At-Risk Child	
ENG 3413 Children's Literature	
MGT 3613 Human Resource Management	
PSY 3013 Psychology of Personality	
PSY 3193 Infant and Toddler Development	
PSY 3203 Child Development	
PSY 3213 Adolescent Development	
PSY 4943 Ethics in Behavioral Science	

**TOTAL FOR EARLY CHILDHOOD** ..... 120 credit hours

**BS with Business Communication Major.** Requirements are:

<b>FOUNDATION CREDIT</b> .....	87 credit hours
General Education Core .....	25
Electives, Technical, Occupational Courses .....	56
Prerequisites .....	6
Principles of Management	
Organizational Behavior	

<b>BUSINESS COMMUNICATION PROGRAM</b> .....	36 credit hours
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** ..... 123 credit hours

## CEL ASSOCIATE OF ARTS PROGRAM

The accelerated Associate of Arts degree program provides a foundation for other accelerated programs offered by Rochester College. Requirements are:

GENERAL EDUCATION CORE .....	39 credit hours
Christian Values	
BIB 2213 Life of Christ .....	3
BIB 2223 History of the Early Church, or	
SOC 2453 Marriage and the Family .....	3
Communication	
COM 1013 Communication Basics .....	3
ENG 1113 College Composition A .....	3
ENG 1123 College Composition B .....	3
Humanities	
ART 2003 Art Appreciation or	
FLM 2013 Film Appreciation .....	3
ENG 2413 World Literature Survey .....	3
Science and Mathematics	
BIO 1013 Biological Science I .....	3
MAT 1103 Intermediate Algebra .....	3
PHS 1003 Earth Science .....	3
Social Science	
HIS 2523 United States History II .....	3
POS 2013 National Government .....	3
PSY 2013 General Psychology or	
SOC 2453 Marriage and the Family .....	3
ELECTIVES .....	23 credit hours
TOTAL FOR ACCELERATED AA DEGREE .....	62 credit hours

## SPECIAL COURSES

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 can be found under the College of Arts and Sciences (page 49).

**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 each sacred text. Special attention is also given to the development of the biblical canon of Scripture, and the history of the English Bible.

**BUS 3423 Studies in Economic Issues.** Basic economic principles including a variety of relevant topics from both microeconomics and macroeconomics. Includes such issues as economic analysis, supply and demand, role of government, world economics, fiscal policy, monetary policy, externalities and market failure, factor and product markets, and business ownership and organization.

**ECE 3303 Legal Issues in Early Childhood Education.** General business law as it impacts both public-funded and private day care and other settings of early childhood education. Includes such relevant topics as contracts, torts, employment law, business forms, and their respective liability, reporting abuse and neglect, state and federal regulations, 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 2101 Portfolio Development.** Introduction to the development of a five-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 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 College of Arts and Sciences:**

**BIB 2213 Life of Christ**

**BIB 2223 History of the Early Church**

**BUS 4943 Ethics in Business**

**ECE 4943 Ethics for Early Childhood Education**

**MAT 2413 Elementary Statistics**

**PHI 4933 Introduction to Ethics**

**PSY 4943 Ethics in Behavioral Science**

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Wayne Hodges .....	Board of Regents Chairman

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M.B.A., Wright State University

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M.A., Villanova University

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B.S., Abilene Christian University  
M.A.Ed., University of Alabama - Birmingham

Larry D. Norman ..... Vice President for Enrollment Services

B.S., Iowa State University  
M.B.A., Baker College

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Kathy Anspach, Accounting Specialist  
Brenda Davison, Accounting Specialist  
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Cathy MacKenzie, Accountant  
Kara Miller, Student Accounts Manager

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David Deaton, Maintenance Supervisor  
Carol Halsey, Housekeeping Assistant  
Toni Herd, Reservations Specialist  
Adelina Jones, Housekeeping Assistant  
Mary Jones, Housekeeping Supervisor  
Jeff Ledger, Groundskeeper  
Elaine May, Assistant to Facilities Management  
Mark Nelson, Maintenance Assistant  
Jim Sanford, Maintenance Assistant

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Nathan Croumlich, Solid Rock Café Mgr./Asst. Mgr., Cafeteria  
Jeff Fletcher, Cafeteria Assistant

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Ronnie Morgan, Director of Information Technology Services  
David Light, Network/Server Administrator  
Matt Miller, Database Administrator  
Mark Johnson, Telecommunications Administrator  
Jim Lewis, System Administrator

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Amy Harrison, Preschool Director  
Shannon Flores, Preschool Instructor

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Gayle Mitchell, Advancement Secretary

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David Hutson, Assoc. Dir. of Athletics, Intramural Director  
Julie Coss, Women's Volleyball and Softball Coach  
Jeff Debandt, Women's Basketball Head Coach  
Eric Diehl, Men's and Women's Head Soccer Coach  
George Evjen, Junior Varsity Men's Basketball Coach  
Eric Green, Cross County and Track Head Coach  
Vergil Smith, Head Baseball Coach

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Shaun Westaway, Admissions Advisor  
Sarah Traylor, Admissions Advisor  
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Jamie Nelson, Administrative Assistant

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Lori Nelson, Assistant Director of Financial Aid

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Brad Irwin, Director of Public Information

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Jan Coe, Director of Retention  
Burt Rutledge, Associate Dean of Students  
Melanie Nelson, Director of Residential Life  
Lisa Carnes, Office Manager  
Terry Pitts, Barbier Hall Supervisor  
Debi Rutledge, Ferndale / Hoggatt Hall Res. Supervisor

**Campus Ministry**

Shannon Williams, Director of Spiritual Life  
Sara Barton, Associate Director of Spiritual Life

## *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 (\*).

John D. Barton ..... Assistant Professor of Interdisciplinary Studies  
B.A., Harding University  
M.Div., Harding University Graduate School of Religion  
Ph.D., Makerere University (Uganda)

Joe R. Bentley ..... Associate Professor of Music  
Director of Music Activities  
B.A., Harding University  
M.M.Ed., University of Louisiana at Monroe  
D.M.A. Candidate, Michigan State University

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B.A., Harding University  
M.Ed., University of Louisiana at Monroe  
Doctoral Studies, Oakland University

Steven K. Bowers ..... Assistant Professor of Library Services  
B.A., Oakland University  
M.L.I.S., Wayne State University

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B.A., University of California  
M.A., Pepperdine University  
M.Div., Princeton Theological Seminary  
Ph.D., Princeton Theological Seminary

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Chairperson of Mathematics and Science Division  
B.A., University of Michigan  
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B.B.A., Harding University  
M.B.A., University of Arkansas  
Ed.S., University of Arkansas  
Doctoral Studies, Eastern Michigan University  
Certified Public Accountant  
Certified Management Accountant  
Certified in Financial Management



- Ronald R. Cox** ..... Assistant Professor of Religion  
 B.S., California Polytechnic State University  
 M.Div., Pepperdine University  
 Ph.D. Candidate, University of Notre Dame
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 B.A., Spring Arbor College  
 M.A., Vermont College  
 Ph.D., Union Institute
- James L. Dawson** ..... Associate Professor of Education  
 B.S.C., University of Windsor  
 M.Ed., University of Windsor
- Judy K. Dunham** ..... Professor of Education  
 B.S., Evangel College  
 M.S., University of Nebraska  
 Ph.D., Purdue University
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 M.Div., Abilene Christian University  
 M.S., Portland State University  
 D.Min., Fuller Theological Seminary  
 Ph.D., University of Washington

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Apprenticeship, Michigan Opera Theatre

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M.A., Wayne State University

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B.B.A., University of Hawaii  
M.B.A., Wayland Baptist University  
D.B.A., Nova Southeastern University  
Certified Public Accountant

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B.A., Southwest Missouri State University  
M.S.W., University of Hawaii  
C.S.W., State of Michigan  
Academy of Certified Social Workers

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Ph.D., Emory University

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M.A., Wayne State University  
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Michigan Licenced Psychologist

Melvin R. Storm ..... Professor of Religion and Greek  
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M.A., Pepperdine University  
Ph.D., Baylor University

- 
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Certified Management Accountant  
Certified in Financial Management
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B.A., University of Michigan  
J.D., Georgetown University  
Member of State Bar of Michigan  
Member of Federal Bar
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M.S., Oakland University
- Vivian E. Turner ..... Assistant Professor of Mathematics  
B.S., Lipscomb University  
M.S., Middle Tennessee State University
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B.S., Central Michigan University  
M.S., Oakland University
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- Michael W. Westerfield\* ..... Professor of English  
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M.A., Pittsburg State University  
Ph.D., University of Nebraska at Lincoln



**Adjunct Faculty.** Select professionals serve as part-time professors and instructors at Rochester College.

Sabrina D. Black ..... Instructor of Psychology  
B.A., Wayne State University  
M.A., Wayne State University  
Licensed Professional Counselor

Russell H. Bone ..... Professor of Religion  
B.E., University of Toledo  
M.Th., International Seminary  
M.A.R., Harding Graduate School of Religion  
D.Min., Harding Graduate School of Religion

Mark I. Brackney ..... Instructor of Religion  
B.R.E., Rochester College  
M.A., Oklahoma Christian University

Diane Bradley ..... Instructor of Foreign Language  
B.A., Wayne State University

Christina L. Broomfield ..... Instructor of Psychology  
B.S., Liberty University  
M.A., Vermont College

Harry Broomfield, Jr. .... Professor of Psychology  
B.S., Baptist Bible College  
M.A., University of Detroit-Mercy  
Ph.D., Union Institute

Andrew C. Clark ..... Instructor of Music  
B.M., Illinois Wesleyan University  
B.M.E., Illinois Wesleyan University  
M.M., University of Michigan

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B.S., Freed-Hardeman University  
M.A.R., Harding Graduate School of Religion  
M.Th., Harding Graduate School of Religion  
D.Min., Harding Graduate School of Religion

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M.A., University of Phoenix  
Doctoral Studies, California State University

C. Gale Edwards ..... Instructor of Art  
B.A., Lipscomb University  
Graduate Studies, Wayne State University

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B.A., Abilene Christian University  
M.A., Abilene Christian University  
Member of American Association of Christian Counselors

- 
- Patricia L. Gibbons ..... Instructor of Music  
B.M., Wilfrid Laurier University  
M.M., Oakland University
- Larry J. Goralski ..... Instructor of Education  
B.A., Oakland University  
M.A., Central Michigan University  
Ed.S., Oakland University
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M.A., Abilene Christian University
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M.S., Central Michigan University  
Ph.D., University of North Texas
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M.Div., Harding Graduate School of Religion  
D.Min., Drew University
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### **COLLEGE STATUS**

Rochester College holds the following accreditation, licensure, approvals, and memberships:

- Accredited by the Commission on Institutions of Higher Education of the North Central Association of Colleges and Schools (30 North LaSalle, Suite 2400, Chicago, IL 60602. Phone 312.263.0456).
- Licensed by the State of Michigan Board of Education and incorporated through the Michigan Corporation and Securities Commission.
- Member of the Association of Independent Colleges and Universities of Michigan.
- Approved by the Immigration and Naturalization Service of the US Department of Justice for the training of foreign students.
- Approved by the Michigan Department of Education for receipt of veterans benefits.
- Registered with the United States Internal Revenue Service as a nonprofit educational corporation under Section 501(c)(3) of the Internal Revenue Code.

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Based upon this commitment, Rochester College follows the principle of nondiscrimination and operates within applicable federal and state laws prohibiting discrimination. As a recipient of federal financial assistance, Rochester College is required by Title IX of the Educational Amendments of 1972, as amended, to not discriminate on the basis of gender in its admissions policies, treatment of students, employment practices, or educational programs except as required by religious tenets held by the Churches of Christ. Inquiries regarding compliance with Title IX of the Education Amendments or any other equal access/equal opportunity law or regulation should be sent to Dr. Michael Westerfield, Compliance Coordinator at Rochester College.

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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.

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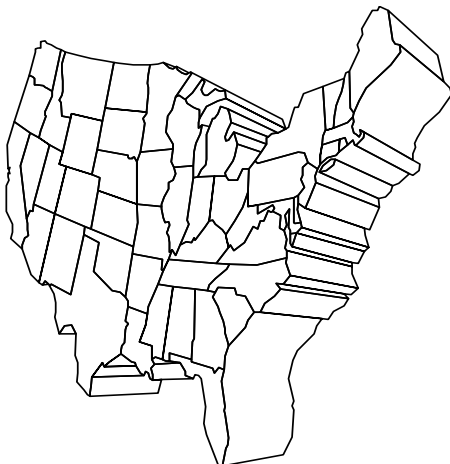
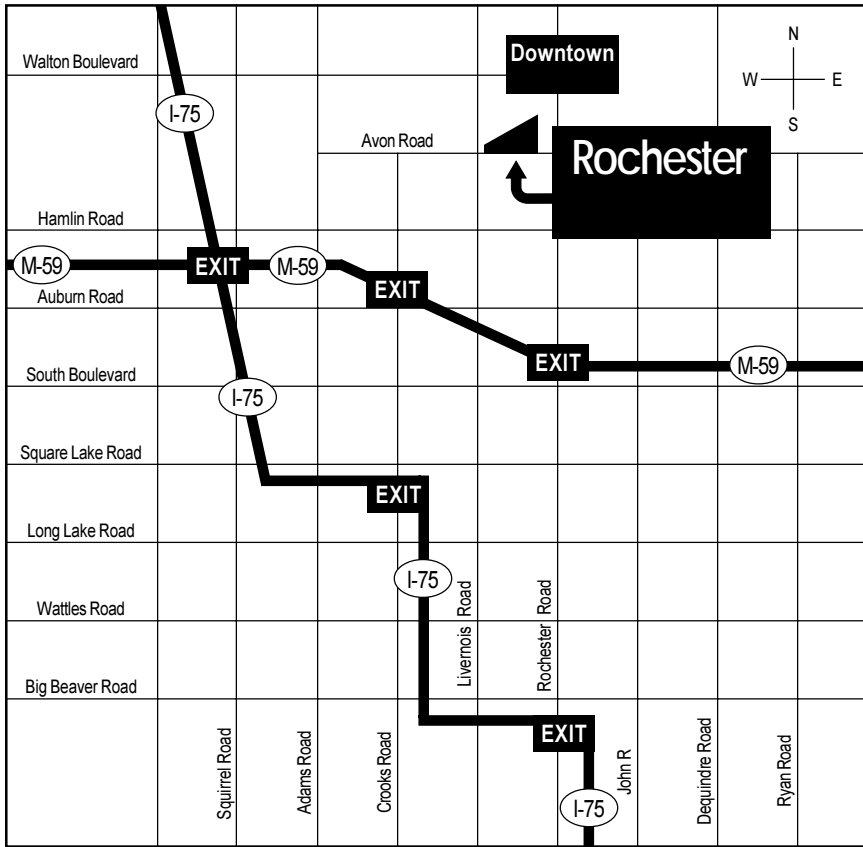
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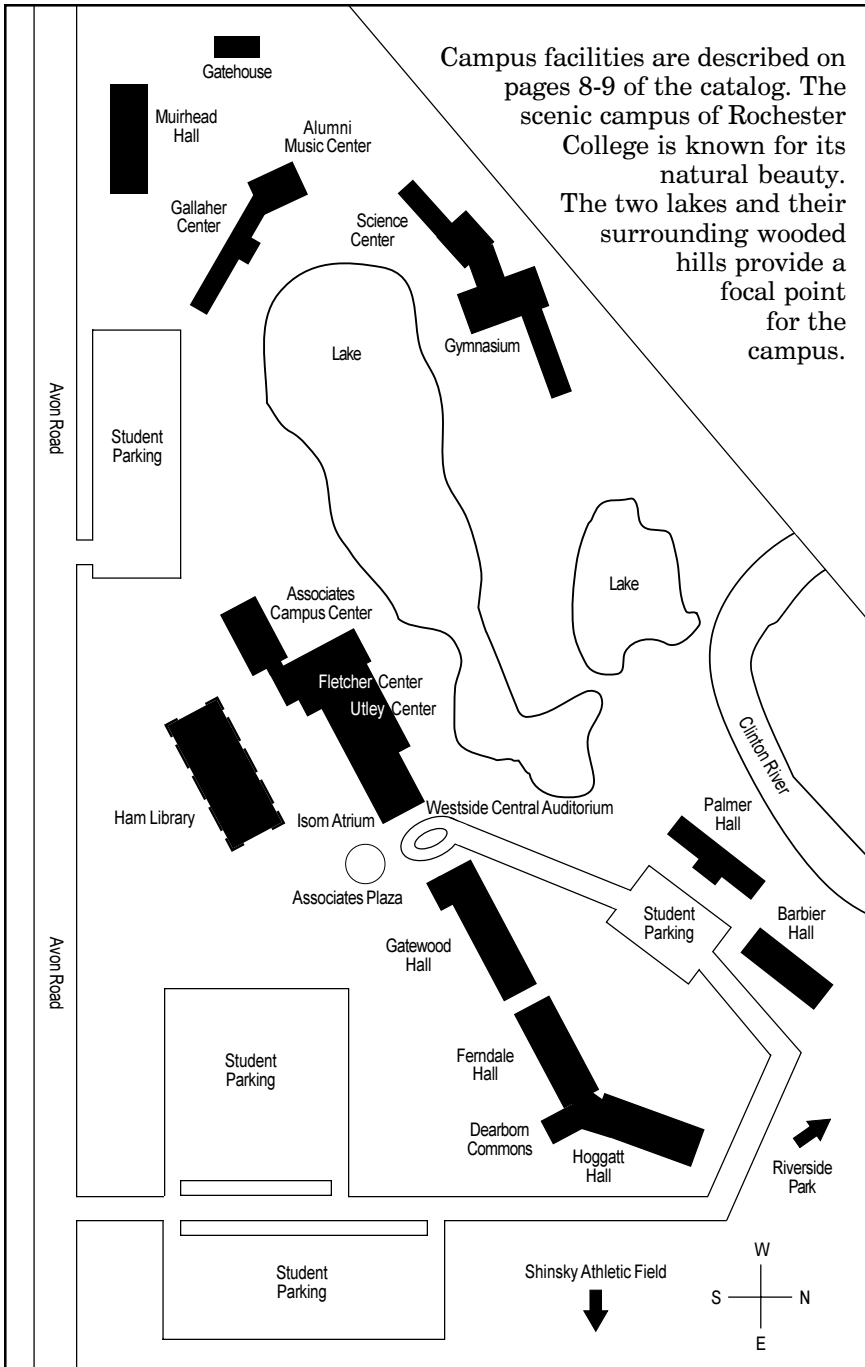
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Buffalo, New York .....	289 miles
Canton, Ohio .....	246 miles
Chicago, Illinois .....	296 miles
Cincinnati, Ohio .....	291 miles
Cleveland, Ohio .....	196 miles
Columbus, Ohio .....	224 miles
Dayton, Ohio .....	241 miles
Detroit, Michigan .....	25 miles
Flint, Michigan .....	45 miles
Fort Wayne, Indiana .....	225 miles
Grand Rapids, Michigan .....	143 miles
Indianapolis, Indiana .....	346 miles
Mackinaw City, Michigan .....	267 miles
Milwaukee, Wisconsin .....	385 miles
Pittsburgh, Pennsylvania .....	334 miles
Rockford, Illinois .....	384 miles
Toledo, Ohio .....	80 miles





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**FALL SEMESTER 2002**

Jump Start (New Student Orientation) .....	August 17-20
Registration .....	August 21
Classes Begin .....	August 22
Late Registration Deadline .....	August 29
Mid-Term Examinations .....	October 7-11
Fall Break .....	October 14-15
IMPACT: Annual Lectureship .....	October 19-20
Last Day for Class Withdrawal .....	October 23
Fall Drama Productions .....	October 24-27 and November 7-10
Homecoming .....	November 9
Thanksgiving Break .....	November 27-29
Pre-enrollment for Spring 2002 .....	October 28
Winter Banquet .....	December 6
Classes End .....	December 6
Final Examinations .....	December 9-12
Winter Graduation .....	December 13
Residence Halls Close .....	December 13

**WINTERSESSION 2003**

Wintersession .....	January 2-15
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**SPRING SEMESTER 2003**

Residence Halls Open .....	January 14
Regular Registration .....	January 15
Classes Begin .....	January 16
Late Registration Deadline .....	January 23
Mid-Term Examinations .....	February 26-March 1
Spring Break .....	March 3-7
Celebration in Song .....	March 21-22
Last Day for Class Withdrawal .....	March 24
Pre-enrollment for Fall 2002 .....	April 7
Spring Drama Production .....	April 24-26
Senior Banquet .....	May 3
Classes End .....	May 2
CEL Graduate Brunch .....	May 3
Final Examinations .....	May 5-8
Spring Graduation .....	May 10
Residence Halls Close .....	May 9

**MAYMESTER 2003**

Maymester .....	May 12- June 6
Summer Drama Production .....	June 5-7



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