

# COLLEGES

The freshman/sophomore UW campuses



UW-BARABOO/SAUK COUNTY :: UW-BARRON COUNTY :: UW-FOND DU LAC  
UW-FOX VALLEY :: UW-MANITOWOC :: UW-MARATHON COUNTY :: UW-MARINETTE  
UW-MARSHFIELD/WOOD COUNTY :: UW-RICHLAND :: UW-ROCK COUNTY  
UW-SHEBOYGAN :: UW-WASHINGTON COUNTY :: UW-WAUKESHA

**2003-2005**

# CATALOG

**THE BEST START FOR THE LIFE YOU WANT**



UNIVERSITY



WISCONSIN

## COLLEGES

The freshman/sophomore UW campuses



*The University of Wisconsin Colleges  
is accredited by The Higher Learning  
Commission and a member of the North  
Central Association, which is located at:*

*30 North LaSalle Street, Suite 2400  
Chicago, IL 60602-2504*

*1-800-621-7440*

*<http://www.ncahigherlearningcommission.org/>*

**UW-BARABOO/SAUK COUNTY**

Student Services Office  
1006 Connie Road  
Baraboo, WI 53913-1098  
608/356-8724  
<http://www.baraboo.uwc.edu/>

**UW-BARRON COUNTY**

Student Services Office  
1800 College Drive  
Rice Lake, WI 54868-2497  
715/234-8024  
<http://www.barron.uwc.edu/>

**UW-FOND DU LAC**

Student Services Office  
400 University Drive  
Fond du Lac, WI 54935-2998  
920/929-3606  
<http://www.fdl.uwc.edu/>

**UW-FOX VALLEY**

Student Services Office  
1478 Midway Road  
Menasha, WI 54952-1297  
920/832-2620  
<http://www.uwfoxvalley.uwc.edu/>

**UW-MANITOWOC**

Student Services Office  
705 Viebahn Street  
Manitowoc, WI 54220-6699  
920/683-4707  
<http://www.uwmanitowoc.uwc.edu/>

**UW-MARATHON COUNTY**

Student Services Office  
518 South 7th Avenue  
Wausau, WI 54401-5396  
715/261-6235  
888/FOR-UWMC  
<http://www.uwmc.uwc.edu/>

**UW-MARINETTE**

Student Services Office  
750 West Bay Shore  
Marinette, WI 54143-4299  
715/735-4301  
<http://www.marinette.uwc.edu/>

**UW-MARSHFIELD/WOOD COUNTY**

Student Services Office  
2000 West 5th Street  
Marshfield, WI 54449-3310  
715/389-6500  
<http://www.marshfield.uwc.edu/>

**UW-RICHLAND**

Student Services Office  
1200 Highway 14 West  
Richland Center, WI 53581-1399  
608/647-8422  
<http://www.richland.uwc.edu/>

**UW-ROCK COUNTY**

Student Services Office  
2909 Kellogg Avenue  
Janesville, WI 53546-5699  
608/758-6523  
<http://www.rock.uwc.edu/>

**UW-SHEBOYGAN**

Student Services Office  
One University Drive  
Sheboygan, WI 53081-4789  
920/459-6633  
<http://www.sheboygan.uwc.edu/>

**UW-WASHINGTON COUNTY**

Student Services Office  
400 University Drive  
West Bend, WI 53095-3699  
262/335-5201  
<http://www.washington.uwc.edu/>

**UW-WAUKESHA**

Student Services Office  
1500 N. University Drive  
Waukesha, WI 53188-2799  
262/521-5210  
<http://www.waukesha.uwc.edu/>

**THE BEST START FOR THE LIFE YOU WANT**

## HOW TO USE THIS CATALOG

Although you are enrolled at a specific University of Wisconsin Colleges campus, the policies and procedures are the same at all of the 13 UW Colleges campuses throughout Wisconsin. This catalog provides important information about admission, registration, financial aid procedures, academic regulations and programs as well as information about individual UW Colleges campuses. It also outlines what the institution can offer and what is expected of you as a student.

Student Services and/or faculty advisors will assist you in planning your academic program and transferring to another university.

Additional information on co-curricular activities, financial aid, special academic programs, and special features of local UW Colleges campuses is available in each campus Student Services Office.

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## SHARED VISION STATEMENT

Students, faculty, staff and administrators of the UW Colleges, in partnership with area residents, form a community of learners. Together we share the responsibility of promoting the mission of the University of Wisconsin to expand and disseminate knowledge and enrich the culture. Within the supportive and challenging environments of the UWC campuses, students of all ages and backgrounds are prepared for advanced educational and professional achievement, lifelong learning, leadership, and responsible citizenship.

In order to realize the mission, all members of the UW Colleges community have a responsibility to promote and a right to expect:

### **Respect for Persons**

Basic to respect is the freedom of inquiry and expression—the right to be heard and the obligation to listen. Respect is mutual; it is founded on the recognition that members of the community are multi-faceted with many gifts and challenges and come from diverse cultural and socio-economic backgrounds. The campus environment should be free from intimidation and

harassment. Disagreement within the community is expected to be resolved through a process of mutual respect.

### **Personal Integrity**

All community members must meet high standards of personal and academic integrity. Recognizing the value of others' time and effort, we strive to be accurate, to be timely, and to evaluate critically. Views should be presented honestly; taking credit where credit is not due contradicts the goals of learning.

### **Individual Development**

Initiative, critical thinking, the pursuit of truth and the exchange of ideas are essential to any academic experience. Community members should be committed to continuous improvement in themselves and others. All should be prepared to devote whatever time and effort is necessary both to educate and be educated. As the learning community fosters self-development, it should provide ample and accurate advising. Opportunities for professional development and training are essential for individual growth.

### **Considerate Assessment**

The learning environment requires considerate assessment. The criteria for assessment should be mutually acknowledged, public and unambiguous. Assessment should be ongoing, focusing not only on individual community members but also on the educational process itself. The community helps its members to identify and assess their various responsibilities.

### **Responsive Institution**

Each member of the community has a right and a responsibility to contribute to the success of the institution. The university should provide a responsive curriculum, smooth transfer procedures, and fair grievance processes and policies. All segments should be involved in budgeting and other long-range planning. Leaders seek and respect input gained through the shared governance process, so that decisions are made in the best interests of all members. Institutional and campus policies contribute to the success of all members of the community.



## COLLEGES

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# UNIVERSITY OF WISCONSIN SYSTEM

## Wisconsin Statute 36.01 Statement of Purpose and Mission

1. The legislature finds it in the public interest to provide a system of higher education which enables students of all ages, backgrounds and levels of income to participate in the search for knowledge and individual development; which stresses undergraduate teaching as its main priority; which offers selected professional graduate and research programs with emphasis on state and national needs; which fosters diversity of educational opportunity; which promotes service to the public; which makes effective and efficient use of human and physical resources; which functions cooperatively with other educational institutions and systems; and which promotes internal coordination

and the wisest possible use of resources.

2. The mission of the system is to develop human resources, to discover and disseminate knowledge, to extend knowledge and its application beyond the boundaries of its campuses and to serve and stimulate society by developing in students heightened intellectual, cultural and humane sensitivities, scientific, professional and technological expertise and a sense of purpose. Inherent in this broad mission are methods of instruction, research, extended training and public service designed to educate people and improve the human condition. Basic to every purpose of the system is the search for truth.



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## UW SYSTEM ADMINISTRATION

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and Planning

## SELECT MISSION

In addition to the UW System mission, the University of Wisconsin Colleges has the following select mission:

The University of Wisconsin Colleges, as part of the University of Wisconsin System, shares the university's overall responsibility to disseminate knowledge, expand information, enrich our culture, and to provide outreach services. These activities are carried out at the 13 locally-owned campuses which, collectively, are the freshman-sophomore, liberal arts transfer institution of the University of Wisconsin System, entitled to offer a general education associate degree. Its programs aim to provide qualified students of all ages and backgrounds with the proficiencies and breadth of knowledge that prepare them for baccalaureate and professional programs, for lifelong learning, and for leadership, service, and responsible citizenship.

To carry out its select mission, the University of Wisconsin Colleges commits itself to the following goals:

1. To plan and to deliver the freshman-sophomore years of baccalaureate programs and professional studies.
2. To place major emphasis on teaching excellence.
3. To support the development, testing and use of effective teaching methods.
4. To expect scholarly activity, including research, scholarship and creative endeavor, that supports its programs at the associate degree level.
5. To serve the citizens in the University of Wisconsin Colleges service areas by (a) promoting the integration of the extension function and encouraging faculty and staff to participate in outreach activity through, for example, providing continuing education programs, (b) facilitating the delivery of programs offered by other University of Wisconsin System institutions.
6. To participate in inter-institutional relationships including but not limited to private colleges, public schools, other University of Wisconsin institutions, and the Wisconsin Technical College System in order to maximize educational opportunity and resources for the citizens of the University of Wisconsin Colleges' service areas.
7. To serve the special needs of minority, disadvantaged, disabled and returning adult students, especially those in immediate service areas.
8. To provide opportunities for cultural enrichment in the service area of each University of Wisconsin Colleges campus.
9. To make available, as a service to business, industry, and the general public, the unique professional expertise of the faculty and staff.

## HISTORY OF THE UW COLLEGES

The roots of the UW Colleges lie in the establishment of off-campus classes and the beginning of extension services in 1907. In 1946, the UW Regents developed a policy for local communities to provide buildings for exclusive use by the UW Colleges. Early UWC campuses were part of the former University of Wisconsin-Madison. Later, other UWC campuses were added by institutions of the former Wisconsin State University System. The merger of the University of Wisconsin and the State University System in 1972 resulted in the University of Wisconsin System and reunited the UWC campuses in its mission under the name University of Wisconsin Center System. In 1983, the name of the institution became the University of Wisconsin Centers. In 1997, the name of the institution was changed to University of Wisconsin Colleges.



## UW COLLEGES' STRUCTURE

The physical facilities of the 13 freshman/sophomore campuses were built by and are owned and maintained by local counties and cities. Educational programs are provided by the University of Wisconsin System. This unique relationship has created strong campus-community bonds and a pride which gives the UW Colleges (UWC) a special character within the UW System.

The UWC campuses enroll approximately 12,500 students, including the second largest number of freshmen in any one institution of the UW System. Nearly 33 percent of the enrolled UWC students are more than 22 years old, making the returning adult student an important component of the student body. The UWC is effective in meeting the needs of adult learners seeking lifelong education near their work and families.

Each UWC campus is administered by a campus dean and executive officer who reports to the chancellor. The student services staff on each campus works closely with the campus dean as a vital part of the campus administrative team. You will become familiar with the student services staff members as they assist you in your academic, career and financial aid planning. Shared governance is organized through campus collegiums, the UWC Senate (consisting of faculty, academic staff and students), and through 17 institution-wide academic departments. Student governance is organized both on a campus basis and institution-wide.

The chancellor is the chief executive officer of the UWC and reports to the president of the UW System. Assisting the chancellor in the operation of the UWC are the provost/vice chancellor, associate vice chancellor for academic affairs, assistant vice chancellor for information technology, the vice chancellor for administrative services and their staffs. A central headquarters for the chancellor and the administrative staff is located in Madison.

## CENTRAL ADMINISTRATION

### Central Administration Address:

780 Regent Street, PO Box 8680, Madison, WI 53708-8680

#### **William F. Messner**

Chancellor  
608/262-1783

#### **Margaret Cleek**

Provost/Vice Chancellor  
for Academic Affairs  
608/263-1794

#### **Gregory P. Lampe**

Associate Vice Chancellor  
for Academic Affairs  
608/263-7217

#### **Steven Wildeck**

Vice Chancellor  
for Administrative Services  
608/265-3040

#### **Dick Cleek**

Assistant Vice Chancellor  
for Information Technology  
608/265-5764

#### **Marilyn Krump**

Director, Student Financial Aid  
608/263-7727

#### **Patricia McGregor**

Registrar  
608/262-9652

#### **Nora McGuire**

Chief Student Affairs Officer  
608/263-0476

#### **Diane Pillard**

Director, Continuing Education  
and Extended Services  
608/263-5393

#### **Lyn Reigstad**

Director, Human Resources  
608/262-2578

#### **Barbara Stinson**

Director, Distance Education  
608/265-0659

#### **Teri Venker**

Director, Marketing  
and University Relations  
608/263-5061

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UW-Baraboo/Sauk County



## FREQUENTLY ASKED QUESTIONS

### **What is the University of Wisconsin Colleges (UWC)?**

**A.** The UWC offers freshman/sophomore-level university instruction. Each UWC campus offers a transfer curriculum for the baccalaureate degree, professional studies, and a general education associate degree. Most students live in or near the community where the UWC campus is located and commute to the campus. The physical facilities of each UWC campus were constructed and are owned by local county and/or city government. UWC campuses are vital educational and cultural resources for area residents.

### **How does the UWC fit into the University of Wisconsin System?**

**A.** The UW Colleges is one of 15 institutions within the UW System. The System also includes 11 comprehensive universities granting bachelors and masters degrees; two doctoral universities granting bachelors, masters, and doctoral degrees; and UW-Extension.

### **Will my credits transfer?**

**A.** Yes. The UW Colleges is accredited by The Higher Learning Commission and a member of the North Central Association. Therefore, UWC credits will be accepted by other institutions of

higher education throughout the country. It is important, however, that you assure that the courses you take at a UWC campus will not only transfer for credit but will also fulfill the requirements of your specific program. Research carefully the specific requirements of your intended transfer institution.

If you plan to transfer to another UW institution, the UW System Undergraduate Transfer Policy states that students holding the UW Colleges Associate of Arts and Science degree will have satisfied the university-wide general education breadth requirements of the receiving institution as well as college and school general education breadth requirements. Individual colleges and schools within that UW institution may require transfer students to complete additional general education credits beyond the university-wide total if it is also required of continuing students. The Associate degree may not, however, necessarily satisfy competency or proficiency requirements, upper-division general education courses, general education courses that are prerequisites integral to a particular program or major and which are required of continuing students, and requirements mandated by external professional accrediting associations or program-approving agencies.

As you plan your program of study, you should seek the help of an advisor, consult the catalog of your intended transfer campus, and use the UW System's computerized Transfer Information System (TIS), which is available on every UW campus. Also, note that courses that are considered remedial (those with a course number beginning with a zero) usually will not transfer. Ask about Guaranteed Transfer (see pages 13 & 44) and special transfer agreements which may ease your transfer to UW institutions and private colleges.

### **Am I eligible for admission?**

**A.** Anyone who desires a university education and applies for admission to the UWC will be considered for admission. If you graduated from high school with the required units or have a high school equivalent certificate, such as a GED, your chances of being accepted are good (see the Admissions section, page 11). If you are accepted and your high school record indicates that you may have difficulty with university work, you will be asked to participate in special programs and advising through the campus Student Services Office. The UWC gives special consideration on the basis of minority group status, physical or learning





## FREQUENTLY ASKED QUESTIONS

disability, U.S. Armed Forces veteran status, age group, incarceration, or economic or educational disadvantage. Consult the admission section of this catalog for the specific policy affecting you.

### If I have a disability can I obtain accommodations?

**A.** Yes, if you are a qualified student with a disability which requires accommodation and can provide appropriate documentation. Contact the Student Services Office on your campus, or the Coordinator of Services for Students with Disabilities in Madison at 608/262-2001 (voice) or 608/265-5766 (TDD/TTY) for information and assistance.

### How do I apply?

**A.** Applying is simple. Obtain a UW System Application for Undergraduate Admission from your high school guidance office, your local campus UWC Student Services Office, or any UW admissions office and complete the form. It will list an address to which you should send your completed application and other required materials. You can also apply online. To file an electronic application go to <http://apply.wisconsin.edu/>.

### Are financial aid funds, scholarships, and part-time jobs available?

**A.** Yes, at all UW Colleges campuses. To find the programs for which you qualify, see the financial aid section of this catalog and contact your local UW Colleges campus Student Services Office. This office also has information about on-campus and off-campus employment.

### What degree can I earn at the UWC?

**A.** The UWC offers a liberal arts-based general education Associate of Arts and Science degree which is a foundation for most majors in the UW System and is accepted by University of Wisconsin institutions as fulfilling the university-wide, college, school and general education breadth requirements. The degree can be completed by taking all courses online or at any of the 13 UW Colleges' campuses. To learn more about the UW Colleges' online Associate degree go to <http://www.online.uwc.edu/degree.html>. The Associate degree requirements can be found on page 46. A number of UWC campuses have negotiated collaborative agreements with UW four-year institutions. This means you can now earn all the credits you need to obtain a bachelor's degree without leaving a UWC campus.

For details about these collaborative agreements, check with the campus Students Services Office, or go to the UW Colleges' website: <http://www.uwc.edu/>.

### Does the UW Colleges offer Distance Education courses?

**A.** Yes. There are four types of courses: Compressed Video (CV, video conferencing), Audiographics (AU, audio and computer connection), Online (ONL), and Computer Based Training (CBT). The Compressed Video and Audiographics courses are delivered from one of the UW Colleges campuses to students on several other UW Colleges campuses. CBT courses are a combination of online and computer based learning. Students can complete these courses on campus or at home. Online courses are delivered entirely online.

### Can I take courses online?

**A.** Yes, the UW Colleges offers its Associate of Arts and Science degree entirely online. These courses follow the UW Colleges' academic calendar, but students can take the course from home or work, and complete assignments at any hour of the day that is most convenient. Online courses are an option for students enrolled at any of our campuses to supplement their curriculum, as well as for students seeking their degree totally online. To learn more about the UW Colleges Online program go to <http://www.online.uwc.edu/>.

### What kind of faculty will I find at the UWC?

**A.** The UW Colleges places a major emphasis on teaching excellence. The faculty are highly qualified, dedicated individuals whose primary interest is teaching freshmen and sophomores. UWC faculty understand the importance of one-to-one communication between a student and an instructor, and they are committed to that kind of teaching. This commitment will be reflected in the high quality of your UWC education.



## FREQUENTLY ASKED QUESTIONS

### **I graduated from high school several years ago. Are there any programs at the UWC to help me ease into school again?**

**A.** Yes. The UWC believes in the importance of a mix of ages and experiences in a university classroom. A significant percentage of UWC students is over age 25. Faculty members and advisors are particularly aware of the special needs of returning adult students. Returning Adult Student Advisors are ready to help ease you into the college experience. He or she will support you throughout your time at the UWC. In addition, you will find orientation programs, services, and/or organizations for students like you. And, if you wish to attend part time, the Returning Adult Student Advisor can assist you in planning a class schedule around your job and family life. A number of UWC campuses have evening and Saturday classes. Check with the campus Student Services Office for offerings.

### **Are there special programs to help me improve my academic skills?**

**A.** Many UW Colleges campuses offer special programs to help you improve the academic skills you need, and tutoring services are available. Your Student Services advisor can give you details about these programs.

### **My academic achievement always has been very high. Are there special programs for me?**

**A.** Yes. Several UW Colleges campuses offer honors programs, independent research or other special projects for exceptional students. Inquire at the campus Student Services Office.

### **How can I become involved in co-curricular activities?**

**A.** Whether your interests are in student government, drama, music, athletics, outdoor activities, student publications

or other student-related activities, you'll find them on all campuses. Students also are offered opportunities for study and travel abroad. For details about how to get involved, contact a faculty member in your area of interest or the campus Student Services Office.

### **Do UWC campuses offer vocational-technical college classes?**

**A.** No. Vocational-technical courses are not offered. Wisconsin has a separate and well-developed system of vocational-technical colleges. That system and the UWC have different missions and goals and, therefore, different course and program offerings.

### **Whom do I contact if I have questions or would like to visit a campus?**

**A.** If you would like more specific information or wish to visit a particular UW Colleges campus, contact the Student Services Office at the campus of your choice. Names, addresses and telephone numbers of the 13 UWC campuses are included in this catalog on page 1. Campus descriptions begin on page 49.

### **What types of continuing education opportunities are available on UWC campuses?**

**A.** Each UWC campus has a continuing education program that promotes intellectual stimulation, personal/professional growth, and cultural enrichment through a variety of non-credit or credit seminars, workshops and short courses. Topics may vary from computer applications to theatre or art field trips or from Colleges for Kids to Elderhostels. To meet the needs of lifelong learners, the campuses collaborate with business, industry, K-12 school districts, technical schools, and non-profit agencies, increasing access to higher education. For more information on what is available at your campus check your campus web site or contact the campus outreach program manager.

### **What kind of library services will I find at a UWC campus?**

**A.** Each UWC library provides a full range of services, from a convenient place to study on campus to in-depth research assistance for students and faculty. You will find helpful, professional staff ready to assist you with your information needs. Each library maintains collections of books, periodicals, videos, CDs, and provides access to numerous electronic information resources, including the World Wide Web. If the information you need is not in the campus library, the staff will order it for you from another library. Whatever your information needs, just ask!

### **What kind of computer access will I find at the UWC campuses?**

**A.** All students have email and computer accounts, and internet access available from campus computer labs or home computers. Common desktop software includes word processing, spreadsheet, presentation and database management. Specialized software such as Geographic Information Systems, graphics design, and programming languages is available.



## COMMITMENT

The University of Wisconsin Colleges (UWC), a collection of 13 locally-owned campuses throughout the state, is proud of its transfer mission within the University of Wisconsin System. The UWC freshman/sophomore curriculum will provide you with the breadth of knowledge necessary for baccalaureate or professional study. Whatever your age, you will find the UWC experience to be excellent preparation for responsible citizenship and a valuable step toward lifelong learning.

The UWC emphasize teaching excellence. Faculty and staff will take individual interest in your personal and intellectual development and encourage you to take an active role in learning. Each campus has programs to serve the special needs of its students, particularly those who are high achievers, returning adults, members of minority groups, disadvantaged, or at risk. At a UWC campus, you won't wait until your upperclass years for experiences such as independent study, research, international travel, professional conferences, academic organizations and co-curricular activities. Faculty and staff are available to introduce you to these important aspects of academic life.

Our commitment also includes service to our local communities. Local citizens benefit from continuing education, off-campus instruction, cultural enrichment and the professional resources of the UWC.

Teaching excellence, personal interest, academic achievement, enriching experiences and community service—this is our commitment to you.

*Under Wisconsin law, a student may not be denied admission to, participation in or the benefits of, or discriminated against in any service, program, course or facility of the University because of the student's race, color, creed, religion, sex, national origin, disability, ancestry, age, sexual orientation, pregnancy, marital status or parental status. S.36.12, Wisconsin Statutes, also requires that the University establish policies and procedures to protect students from discrimination and report annually to the Legislature the number of complaints received in violation of this law and the disposition of each complaint.*

*Federal laws also prohibit discrimination against students and require that the University have procedures for complaints of discrimination on the basis of disability (s.504 and ADA) and sex (Title IX). Discrimination also is prohibited on the basis of race, color and national origin under Title VI.*

*Inquiries concerning the application of AA/EEO procedures may be directed to the Office of Human Resources, 780 Regent Street, P.O. Box 8680, Madison, WI 53708-8680, 608/262-2578.*

*The University of Wisconsin Colleges reserves the right to change any regulation or requirement at any time during a student's attendance. This catalog does not constitute a contract between a student attending a University of Wisconsin Colleges campus and the institution. The sole purpose of this catalog is to provide students with information on course listings, requirements, and regulations in effect at the time of publication.*



UNIVERSITY  WISCONSIN

## COLLEGES

The freshman/sophomore UW campuses



# ADMISSION

## TO THE UW COLLEGES' CAMPUSES

Learning at the University of Wisconsin

Colleges is personal. If you want  
a university education, you won't  
find a better place to start than  
your local UWC campus.

**THE BEST START FOR THE LIFE YOU WANT**



## ADMISSION POLICY

Anyone who desires a university education will be considered for admission to the University of Wisconsin Colleges. Prospective students should apply early. Certain applicants who meet the minimum admission requirements (e.g., those who rank in the bottom quarter of their high school graduating class, or hold a certificate of GED) may have their admission deferred to a future term.

If you are admitted and your high school record, placement test scores, or other previous academic performance indicates that you may have difficulty with university work, you will be required to participate in special programs aimed at remedying these difficulties. This policy is outlined under "High risk and waiting list admissions categories" (page 13).

### Students With Disabilities

Qualified students with disabilities (those who have been admitted and can provide documentation of their disability) have the right to request accommodations from the University, as stipulated within Section 504 of the Rehabilitation Act of 1976 and the

Americans with Disabilities Act. Students needing accommodations should provide early notice to staff in the campus Student Services Office because of the time required for arranging accommodations. Students may also contact the coordinator of Services for Students with Disabilities in Madison at 608/262-2001 (voice) or 608/265-5766 (TDD/TTY) for information and assistance.

### Placement Testing

You will be required to take English and mathematics placement tests prior to registering as a freshman. Students whose scores on the English or mathematics placement test fall below institutional cutoffs will be considered high risk students and required to participate in special programming.

The American College Test (ACT) or Scholastic Aptitude Test (SAT) is required of all incoming University of Wisconsin freshmen. (ACT or SAT scores are not required for students over 21 years of age or special students.) The test will be used for academic advising, career planning, and placement test interpretation.

## ADMISSION REQUIREMENTS

To be admitted to the UWC as a new freshman, a student must:

1. Have graduated from a recognized high school, have a certificate of GED, or present other evidence of ability to begin university work.
2. Have a minimum of 17 college preparatory credits. Thirteen of the 17 credits must be distributed as follows:  
English: 4 credits  
Social Science: 3 credits  
Math: 3 credits (must include at least one credit of algebra and the equivalent of one credit of geometry)  
Natural Science: 3 credits

The remaining four credits will be from the above areas, foreign languages, fine arts, computer science or other academic areas.

3. Take the American College Test (ACT) or Scholastic Aptitude Test (SAT). The ACT or SAT scores must be received by the UW Colleges before you will be permitted to register for classes.

Students who fail to meet these requirements may appeal to the director of Student Services for an exemption. Particular consideration will be given to applicants on the basis of minority group status, physical or learning disability, U.S. Armed Forces veteran status, age group, incarceration, or economic or educational disadvantage. Applicants who have special needs should contact the campus Student Services Office.



## HIGH RISK / WAITING LIST ADMISSIONS CATEGORIES

Students will be required to participate in special programming if they have any of the following characteristics:

1. High school class rank in lowest quartile;
2. GED or HSED certificate;
3. High school academic course deficiencies; or
4. Transfer student entering on probation.

### In Special Programming:

1. You will receive mandatory advising prior to registration.
2. At the discretion of your advisor and the UW Colleges, you may be required to:
  - a. restrict your course load and course selection;
  - b. attend regular meetings with an advisor throughout the semester or session; and/or
  - c. enroll in appropriate basic skills courses and/or tutoring.

You will be required to meet with an advisor prior to each registration until you achieve a cumulative grade point average (GPA) of 2.0 with 12 or more UW Colleges' credits.

If your scores on the English or mathematics placement tests indicate that you must enroll in remedial course work, UW policy requires that you complete successfully the remedial course(s) before you earn a total of 30 credits. In addition, you may be required to limit the number of credits carried while you are enrolled in remedial courses.

If you do not wish to register under these conditions, you may appeal for an exception to the appropriate committee at your UW Colleges campus.

## GUARANTEED TRANSFER

The Guaranteed Transfer Program enables students to begin their education as new freshmen at the University of Wisconsin Colleges and be guaranteed admission to a UW System institution as juniors. After fulfilling certain credit and grade point average requirements, students will transfer with the same rights and privileges as those who begin their education at the baccalaureate institution.

Students must submit a "Declaration of Intent to Participate" form at any time prior to the start of their sophomore year (thirty credits). Students must then complete, with a minimum grade point average of 2.00 (2.6 for UW-Madison), the number of credits required for junior status at the baccalaureate institution. Students will have three academic years from the time of matriculation in the UWC in which to complete the minimum credits required. The baccalaureate institution may make exceptions to the required number of credits for those majors/ programs for which early transfer is recommended.

The Guaranteed Transfer Program guarantees admission to the baccalaureate institution only. Students must meet the same criteria (e.g. GPA, course requirements, etc.) for admission to specific majors/programs as continuing students.

## HOW TO APPLY

To be considered for admission, you must submit a University of Wisconsin System Application for Undergraduate Admission. You can obtain this application form from your high school guidance office or from a UW Colleges campus. The completed form and any required materials should be sent to the UWC campus you are interested in attending.

You can also apply for admission using the UW System Electronic Application for Undergraduate Admission on the World Wide Web at: <http://www.apply.wisconsin.edu/>. This application is also available from the Admission area of HELP On-Line or the UWC homepage. Students will be able to apply to multiple institutions in the UW System using this form. You can find HELP On-Line at: <http://uwhelp.wisconsin.edu/> or the UWC homepage at: <http://www.uwc.edu/>

A \$35 fee must accompany the application of prospective freshmen and transfer students from schools outside the University of Wisconsin System. Special students do not pay the application fee unless they become degree candidates.

Applications are accepted after September 15 for the following fall or spring semester or summer term.

High school students are encouraged to apply early in their senior year. Early applicants have an advantage in obtaining academic counseling, financial aid and their preferred schedule of courses.

## TRANSFER INTO THE UWC

If you attended another college before applying for admission to the UWC, you must complete the UW System Application for Undergraduate Admission form and submit official transcripts from all colleges you attended. If you maintained a C average or higher (2.00 on a 4.00 scale) at your previous college(s), you are likely to be admitted. If you are admitted and had less than a 2.0 semester or cumulative GPA, the UWC academic regulations (probation, suspended standards) will be used to determine your probation status.

A transfer student's application is not complete until official transcripts of all prior college work have been received and evaluated. In the event of unavailability of transcripts, other materials, such as grade reports, may be submitted. However, admission based on such data is tentative and

may be revoked. Students suspended from another institution will not be admissible to the UWC until the period of suspension elapses.

If you are admitted as a transfer student with lower than a C average, particularly during your last semester of attendance, you may be asked to meet the conditions outlined for new freshmen ranking in the lower 25 percent of their high school classes.

If you are a transfer student and are applying for financial aid, refer to the financial aid section of the catalog for application procedures. You must send a Financial Aid Transcript form to each institution you previously attended even if you did not receive financial aid there. This will then be forwarded to the UWC Financial Aid Office. The forms are available at any campus financial aid office.



## UWS/WTCS UNIFORM POLICY STATEMENT ON CREDIT TRANSFER

Students enrolled in the Wisconsin Technical College System (WTCS) who wish to continue their education in the UW System (UWS) may be eligible to transfer credits toward their associate degree in the following ways:

1. Students enrolled in the college parallel program at Madison Area Technical College, Milwaukee Area Technical College, or Nicolet Area Technical College may be eligible to transfer up to 72 credits.
2. WTCS students may be eligible to transfer up to 15 credits of general education coursework in two areas of communications, behavioral sciences and social sciences. In addition, students may transfer up to a total of two courses from mathematics and/or natural sciences.
3. Students transferring from the WTCS may be eligible for credit by earning appropriate scores on national standardized examinations (e.g. College Level Examination Program) or examinations developed by the UW Colleges.

For more information about these transfer opportunities, students should consult with their WTCS advisors or the Student Services Office at a UWC campus.

## STUDENT CATEGORIES

### Returning Students

If you wish to attend the UWC and were not enrolled the previous semester (excluding summer session), you must file a University of Wisconsin System Application for Undergraduate Admission and submit official transcripts of any non-UWC college work attempted since you were last enrolled at the UW Colleges. If you were dropped or suspended at the end of your last semester of enrollment at the UW Colleges, you must seek permission to re-enter from the campus Student Services Office.

Re-entry applicants with less than a 2.0 cumulative grade point average (GPA) will be placed on a waiting list and will be reviewed according to the UWC academic regulations to determine their acceptance and probation status. Applicants returning after an absence of four or more consecutive semesters must meet the degree requirements of the catalog in effect upon their return, or of a subsequent catalog.

### Returning Adults

The UW Colleges encourages adults to apply for admission and work toward a degree, audit courses, or simply take courses for enrichment. The adult enrollment varies from one UWC campus to another, but all campuses have returning adult students in classes.

### International Students

The admission requirements outlined in the catalog do not apply to students who are not residents of the United States. International applicants are admitted on the basis of superior scholastic ability demonstrated by school records and certificates, and on their ability to effectively use and understand the English language. International applicants also must provide proof of their ability to pay all expenses while they are students.

All enrolled international students will be required to carry health insurance or show comparable

coverage for medical expenses.

The deadlines to apply as an international student are June 1 for the fall semester and October 1 for the spring semester.

### Special Students

Persons interested in taking certain courses, but not seeking a degree, are classified as “special students.” In most cases, the special student admission criteria are more flexible than for degree students. However, special students must meet the academic standards of the university. Special student applicants who have attended institutions other than the UWC may be required to submit transcripts and educational records as part of the admission process. Degree-seeking students may be given priority over special students in registering for classes because of course demand and/or enrollment limitations. If you are interested in enrolling as a special student, please consult with the campus Student Services Office about additional requirements prior to application.

### High School Students

High school students, especially seniors, who wish to enroll in courses before graduation may take the courses for credit or audit. However, they must file the standard UW System Application for Undergraduate Admission and have the recommendation of their high school principals. Students should consult with the Student Services Office about additional requirements prior to application. Any UWC credits and grades earned by high school students are part of their official records and are fully accredited, transferable UW credits.

### Matriculating Special Students

Special students who wish to become degree-seeking students must submit a UW System Application for Undergraduate Admission, the application fee and official educational

records after completing six hours of course work before they will be permitted to enroll in additional UWC courses.

### Auditors

The UWC encourages adults to audit courses. All auditors must have approval of the instructor teaching the course. Approval is usually granted unless admitting auditors increases the classroom space requirements or costs of instruction. Distance education courses are not eligible for audit. Non-degree students enrolling for courses on an audit-only basis generally pay a reduced fee. Wisconsin residents who are disabled and receiving federal old-age survivors and disability insurance benefits (OASDI) may audit courses without charge if this will not result in additional laboratory or instructional costs. Students combining audit credits and regular credits pay regular tuition and fees for all the credits, including those audited. Wisconsin residents who are 60 years of age or older as of the first day of the semester may audit courses without charge if this will not result in additional laboratory or instructional costs. These students, if combining audit and regular credits, pay tuition for the regular credits only. For specific information about auditing courses, students should consult the campus timetable for the term in which they wish to enroll.





## RESIDENT STATUS FOR TUITION PURPOSES

Regulations determining residency status for University of Wisconsin admission and tuition are in the Wisconsin Statutes. Students are classified as a resident or non-resident when they are admitted to the UW System.

Students who do not qualify as a Wisconsin resident must pay non-resident tuition in addition to student fees. Residency regulations for tuition purposes differ from those established for voting or paying taxes.

Minnesota residents may qualify for Minnesota resident tuition by applying to the:

**Minnesota Higher  
Education Coordinating Board  
Suite 400, Capitol Square  
550 Cedar St.  
St. Paul, MN 55101**

Students who have been residents of Menominee County, Michigan, for at least one year prior to their enrollment date may enroll at UW-Marinette as Michigan-Wisconsin compact students. This compact agreement permits students to pay the resident tuition rate at UW-Marinette only.

Students who are classified as a non-resident for tuition purposes and believe their classification is incorrect should contact the campus Student Services Office.

## TUITION & FEES

Academic tuition is set by the UW Board of Regents. Student fees are recommended by each local campus, reviewed by the Chancellor and approved by the Board of Regents. UWC tuition and fees are the lowest in the UW System.

For Wisconsin residents, the 2002-03 tuition and fees range from \$1,428 to \$1,527 per semester for full-time students who carry 12 through 18 credits; full-time, non-resident tuition and fees range from \$5,778 to \$5,877 per semester. Additional fees will be assessed for students who carry more than 18 credits. Part-time students, defined as those carrying 11 or fewer credits, pay from \$120 to \$128 per credit if they are residents and from \$482 to \$491 per credit if they are non-residents. The tuition charged for web-based courses may be higher than the normal tuition charges found elsewhere in the campus timetable. Because tuition and fees change each year, contact either the UWC campus Student Services Office or Business Office for current information.

All tuition and fees are payable at the time of registration. Students must either pay in full or enter into a formal partial payment agreement. Under special circumstances, a student may be granted a payment deferral to

extend the time to pay fees. Policies for cancellation of registration, withdrawal, late payment fees, refunds, etc., which include financial aspects, are itemized in the campus timetable or are available in the campus Business Office.

Students must officially withdraw through the Student Services Office. The date of this official withdrawal will be used to calculate fees due, required repayments of financial aid, or refunds. Merely ceasing to attend class does not constitute official withdrawal from the UW Colleges. Students who do officially withdraw may be eligible for refunds. The refund schedule is available in the campus Business Office.

The UW Colleges assesses two additional fees:

1. A \$3 per copy charge for transcripts. (Transcripts are not issued to students with delinquent accounts.)
2. A bad check charge of \$20, plus any additional charges levied by the bank.

To avoid any misunderstandings about the various tuition and fee policies, students should obtain specific information about these from the campus Business Office prior to registration.



UNIVERSITY  WISCONSIN  
COLLEGES

The freshman/sophomore UW campuses



STUDENT  
**FINANCIAL AID**

The University of Wisconsin Colleges participates in all major federal and state financial aid programs. A central office in Madison administers financial aid for the 13 campuses of the UW Colleges. A financial aid advisor is located in the Student Services Office at each campus.

These advisors are able to assist you in applying for financial aid.

**THE BEST START FOR THE LIFE YOU WANT**

## APPLYING FOR FINANCIAL AID

Follow these steps in applying for financial aid:

**Step One:** Apply for admission to the University of Wisconsin Colleges.

**Step Two:** Complete and promptly submit the Free Application for Federal Student Aid (FAFSA) each year as soon after January 1 as possible. The FAFSA is available in paper copy or electronically through the Internet (FAFSA on the Web) at <http://www.fafsa.ed.gov/>

Paper copies are available from all UW Colleges Student Services Offices or from high school guidance offices.

You can apply electronically from home or at your local UW Colleges campus. Each campus has a computer and a printer available for your use. Electronic applications are processed more quickly than paper applications. Your data are protected by the highest security available. Electronic applications also have fewer errors than paper applications.

Remember to complete your application for financial aid as soon after January 1 as possible.

### PLEASE NOTE

Students who already possess a baccalaureate degree or have completed the credits required for a liberal arts associate degree are NOT eligible to receive financial aid from the UW Colleges. While these students are encouraged to enroll in courses at the UW Colleges, they will either need to pay for the courses without the assistance of financial aid or they will need to arrange to receive their financial aid from a 4-year institution. In most but not all circumstances, a student is able to attend the UW Colleges and

## STUDENT ELIGIBILITY FOR FINANCIAL AID

To be eligible for most types of financial aid, you must:

- be a United States citizen or a permanent resident of the U.S.
- have a valid Social Security number.
- be enrolled in a degree program. (If you already have a bachelor's degree and you are enrolled in a second degree program or in a teacher certification program, please contact your campus Student Financial Aid Advisor regarding your eligibility for aid.)
- be enrolled for at least six credits per term (half-time enrollment) whether it's a fall, spring, or summer term. Exceptions may be made for Pell Grant funding and for scholarships.
- maintain satisfactory academic progress. (Refer to "Satisfactory Academic Progress" in this section of the catalog.)
- register with the Selective Service, if required.
- have made timely repayments on previous loans or federal grants at any postsecondary institution.
- provide all requested documentation.

receive his or her financial aid through a 4-year institution.

To do so, a student needs to:

- be accepted for admission in a degree-program at the 4-year institution;
- have his or her Student Aid Report sent to the 4-year institution;
- contact the financial aid office at the 4-year institution and request that they initiate a financial aid consortium agreement with the UW Colleges' Central Financial Aid Office.

## FINANCIAL AID PROGRAMS

There are four general types of financial aid: scholarships, grants, loans, and employment.

### Scholarships

Scholarships are monetary gifts from community, private, and campus sources and are usually based on academic merit or some criteria other than financial need. Campus foundations, local businesses, and other sources provide scholarships for students at the 13 UW Colleges campuses. No repayment of scholarships is required. Contact your high school counselor and/or your campus Student Services Office for scholarship information.

### Grants

Grants are need-based financial assistance. No repayment is required unless you withdraw from college. The amount of a grant will depend on your financial need; the availability of funds; and specific federal, state, and institutional awarding policies.

**Federal Pell Grants** are the most common source of federal grants for undergraduates. The federal government determines a student's eligibility and award amount.

**Federal Supplemental Educational Opportunity Grants (FSEOG)** are federal funds awarded to high-need students according to institutional and federal guidelines.

**Wisconsin Higher Education Grants (WHEG)** are need-based funds awarded to Wisconsin residents according to state eligibility criteria.

**Indian Grants** are available to students who are at least 1/4 Native American. Grants are available through both the Federal Bureau of Indian Affairs and the State of Wisconsin.

**Talent Incentive Program (TIP)** grants are awards for disadvantaged Wisconsin residents who meet specific state eligibility criteria.

### **Wisconsin Handicapped**

**Grants** are state awards for Wisconsin residents who have auditory or visual impairments.

**Minority Grants** (available through the University of Wisconsin System) are for Wisconsin residents who are of African-American, Hispanic, Native American, or Southeast Asian heritage. These grants are based on both financial need and academic merit.

### **Loans**

Loans are awards that must be repaid. Some loans require repayment while you are still in college. You do not need to repay others until after you graduate or if you drop below half time enrollment. Some loans are based on financial need; others are not. All loans require that you sign a promissory note in which you promise to repay the loan according to specific provisions.

**Federal Perkins Loans** are loans awarded by the UW Colleges with funds provided by the federal government. Funding is limited in this low-interest loan program. To qualify, you must show financial need and be enrolled at least half time. Interest does not accrue on this loan until repayment is begun nine months after you graduate, leave college, or enroll less than half time.

**Federal Stafford Loans** are federally guaranteed loans available through banks and other lenders. You must be enrolled at least half time to qualify. There are two types of Stafford Loans:

The **subsidized Stafford Loan** is awarded based upon financial need. This loan carries an interest-free deferment of payments while you are enrolled at least half time and for six months after you are no longer enrolled at least half time.

The **unsubsidized Stafford Loan** can be awarded even if you have no financial need. Interest accrues on this loan while you are in college. You may pay the interest while you

are enrolled, or it can be added to the loan total and deferred while you are enrolled at least half time and for six months after you are no longer enrolled at least half time.

### **Federal Parents' Loans for Undergraduate Students (PLUS)**

are loans made to parents of dependent students to help parents finance their children's education. These loans are not based upon financial need. The interest rate varies according to a federal index. Repayment of PLUS loans begins within 60 days after the money is disbursed.

### **Employment**

Employment is a form of financial aid that you earn. There are many opportunities for you to work while you attend the UW Colleges. Jobs are available both on campus and in the local community.

**Federal Work-Study** is a program offering employment to students who show financial need. Jobs are usually part time; however, full-time work may be available during the summer. Although most jobs are on campus, there are employment opportunities in community service agencies as well.

**Regular Student Employment** is also available on campus regardless of your financial need.

For more specific information about Student Financial Aid programs, contact the Financial Aid Advisor in your campus Student Services Office. You can also consult the U.S. Department of Education's free booklet, *The Student Guide*, which is available in public libraries, in high school guidance offices, in UW Colleges Student Services Offices, and through the World Wide Web at:

[http://www.ed.gov/prog\\_info/SFA/StudentGuide/](http://www.ed.gov/prog_info/SFA/StudentGuide/)

### **Other Aid and Benefit Programs**

In addition to federal and state financial aid programs, other sources of funding

are available to assist you in financing the cost of your education.

**Vocational Rehabilitation Grants** are provided to qualified students by the state Division of Vocational Rehabilitation (DVR). To qualify, you must have a physical, emotional, or learning disability and meet other criteria established by DVR. Contact the local DVR office for additional information.

**Veterans Benefits** are available to qualified veterans; to members of the National Guard or Reserves; and in some cases to the sons, daughters, or spouses of deceased or disabled veterans. There are a wide variety of veterans programs offered through the federal Veterans Administration and through the State of Wisconsin. Contact the local Veterans Administration Office or your campus Student Services Office for details. The UW Colleges is fully approved for the certification of educational benefits for veterans and veterans' dependents under both federal and state Veterans Administration programs.





## FINANCIAL NEED

To be considered for federal and state financial aid, you must submit the Free Application for Federal Student Aid (FAFSA) or the Renewal FAFSA (if you filed a FAFSA last year). When you apply, the information that you report is calculated in a formula established by the United States Congress. The formula determines your Expected Family Contribution (EFC), which is the amount that you and your family are expected to contribute toward your education. To estimate your family contribution, visit the financial aid calculator on the World Wide Web at <http://www.finaid.org/>

Your Cost of Attendance and your Expected Family Contribution determine the types of financial aid for which you are eligible.

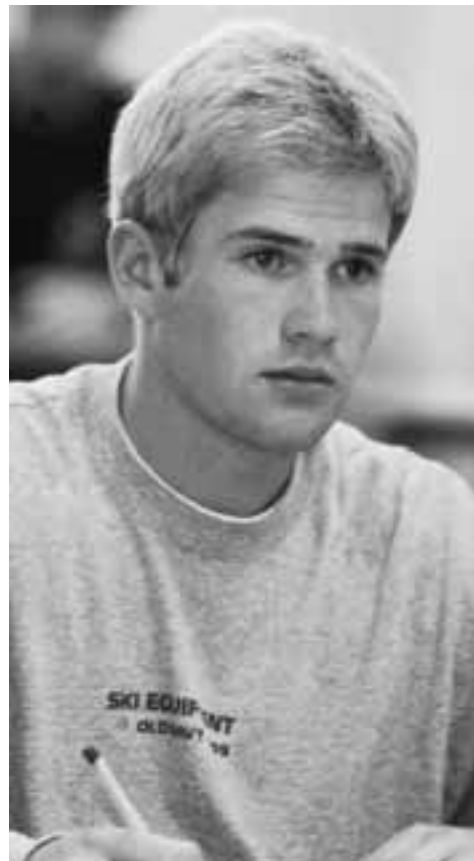
Estimated Cost of Attendance (COA)
- Expected Family Contribution
= Financial Need

The University of Wisconsin Colleges Central Student Financial Aid Office will calculate a financial aid package that is designed to meet as much of your financial need as possible. Aid awards may be a combination of grants, loans, and employment.

Once your financial aid has been calculated, you will receive an Award Offer in the mail. The accompanying Award Guide will explain how to accept or decline aid funds, how and when the aid will be disbursed, and how aid is used to pay your college expenses.

Because some funds are limited, the total amount awarded to you may be less than the amount for which you are eligible.

Contact your campus Student Services Office if you believe you have special circumstances that should be considered in calculating your financial aid.



## COST OF ATTENDANCE

The UW Colleges Central Student Financial Aid Office estimates the Cost of Attendance (COA) for students each academic year. Cost of Attendance includes tuition and fees, as well as allowances for books and supplies, rent and utilities, food, transportation, and miscellaneous expenses such as clothing, recreation, and minor medical costs. Tuition is the same at all UW Colleges campuses. However, fees vary from campus to campus. Standard budgets are developed by the UW Colleges Central Student Financial Aid Office.

Individual Cost of Attendance is based upon residency, housing status (living with parents or away from parents), and enrollment (full time or less-than-full-time).

The following chart is an example of costs to attend a University of Wisconsin Colleges campus for the 2002-2003 academic year.

*Cost of Attendance figures are adjusted each year. Example from 2002-2003.*

Costs for 2002-2003 Academic Year	Student Living with Parents	All Other Students
Tuition and Fees*	\$ 2,920	\$ 2,920
Books and Supplies	600	600
Rent and Utilities	—	3,400
Food	1,310	1,780
Misc. Personal Expenses	1,600	1,600
Transportation	1,230	1,230
<b>Total budget</b>	<b>\$ 7,660</b>	<b>\$ 11,530</b>

*\* This figure represents an average of tuition and fees paid by Wisconsin residents and residents of Menominee County, Michigan. Actual amounts will vary slightly among the 13 UW Colleges campuses because each campus determines its own fees. In 2002-2003, non-residents paid an additional \$8,760 in tuition.*

## ACADEMIC WITHDRAWAL

If you received financial aid and you are considering withdrawing from the university, be sure to discuss your situation with the Financial Aid Advisor in your campus Student Services Office to learn the implications of your decision.

The UW Colleges Financial Aid Office is required by law to re-compute your aid eligibility in the event of a withdrawal from college to adjust the need and aid according to any reduced costs involved because of the early departure. The government presumes that you should not be given aid for living expenses tied to the weeks that you did not attend nor should you have aid for more than a proportional amount of

tuition expenses. Any student withdrawing prior to the 60% point in the term should expect to have to repay financial aid in a percentage roughly equivalent to the percentage of the term not in attendance. **After the 60% point, no aid has to be repaid.** Therefore, if you depart from college prior to the 60% point, your aid eligibility will be reduced on a pro-rated basis. If the amount of aid already disbursed to you for the semester exceeds the reduced eligibility, it will be necessary for appropriate payments to be made to repay the aid accounts. This could be from any refund you might receive from UW Colleges or from funds that you were given directly for living expenses.



## INTERNET RESOURCES

There are many addresses on the World Wide Web that provide information about financial aid. We recommend the following;

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### **The University of Wisconsin Colleges**

<http://www.uwc.edu/>

This is the University of Wisconsin Colleges' home page.

At this site, you will find information about UW Colleges and about financial aid.

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### **The University of Wisconsin System**

<http://uwhelp.wisconsin.edu/>

The "HELP On-Line" site of the University of Wisconsin System provides you with comprehensive information.

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### **Access America for Students**

<http://www.students.gov/>

This site is the student gateway to the U.S. government.

You will find helpful financial aid information here.

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### **FAFSA on the Web**

<http://www.fafsa.ed.gov/>

You can complete and correct your electronic FAFSA at this location.

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## SATISFACTORY ACADEMIC PROGRESS (SAP) FOR FINANCIAL AID ELIGIBILITY

Federal Financial Aid regulations require that UW Colleges establishes, publishes and applies reasonable standards for measuring students' satisfactory academic progress in their educational programs. Included in these standards are a qualitative measure, a quantitative measure and a maximum timeframe requirement. **The qualitative and quantitative standards** used to monitor academic progress must be cumulative and must include all periods of the student's enrollment including periods for which the student did not receive financial aid.

UW Colleges assesses the following **qualitative and quantitative** information for all students at the end of each fall and spring term:

- 1. Cumulative Grade Point Average (GPA)** (Minimum GPA of 2.0 after completing 48 or more credits; graduated scale for less than 48 credits)
- 2. Number of credits attempted** (the maximum allowable is 108 credit hours for financial aid eligibility)
- 3. Rate of completion** (2/3 credits attempted must be successfully completed)

**Failure to meet the UW Colleges Satisfactory Academic Progress (SAP) may result in the loss of financial aid eligibility.**

### **Policy Regarding Transfer:**

Transfer credits that are accepted by the UW Colleges are not included in the rate of completion but are counted toward the maximum timeframe. Credits attempted and credits completed in all academic terms (fall, spring and summer) are included in the rate of completion calculation. The UW Colleges reviews SAP for all students at the end of each fall and spring term and notifies students of any deficiencies that may exist.

**Deficiencies can result in the loss of financial aid eligibility.**

### **Policies Regarding Course Work: Incomplete Grades**

Students who receive grades of Incomplete might not meet the minimum SAP requirements. When this situation occurs, students should contact the campus Student Services Office to find out if it would be appropriate to file an SAP appeal. Students are responsible for notifying the Financial Aid contact person in the campus Student Services Office when the grade of incomplete has been replaced by a letter grade. If the course work to resolve the grade of incomplete is not adequately completed in the time allowed, the grade changes to an "F" and is included in the calculation of the GPA.

### **Dropped Credits**

Students who drop courses after the end of the 100% refund period may encounter difficulties in meeting the SAP policy standards. Students considering dropping courses after the 100% refund period should consult the campus Student Services Office to review the impact of dropping a course on their future eligibility for financial aid.

### **Withdrawal From All Course Work**

Students who withdraw from all courses need to consider the implication for their satisfactory academic progress status. Withdrawing after the 100% refund period could impact a student's SAP status, future financial aid eligibility and could result in repayment of financial aid received in the current term.

### **Repeated Course Work**

There is no limit to the number of times that a student may repeat a course. Credits for repeated courses count only once as credits earned and only once in a student's GPA; however, these credits are counted as attempted credits for each repeated course. The most recent grade for any repeated course is used in calculating GPA.

### **Non-Degree (including remedial) Course Work**

UW Colleges non-degree courses are considered the same as credit courses for tuition, for full-time academic standing, and for SAP with the exception that the grades assigned for non-degree course work are not included in the GPA calculations. Credits for non-degree course work are included in the calculation of the 2/3-completion requirement and in the maximum limit of 108 credits attempted.

Financial aid may be paid for a maximum of 30 non-degree credits.

Students who are ineligible for financial aid because of their SAP status may file an appeal to have their financial aid reinstated. Students should contact their campus Student Services Office for further directions regarding the appeal process. The SAP appeal form is available on line at <http://www.uwc.edu/> click on: Financial Aid; Find Forms; SAP Appeal.

The complete SAP policy is available online at: [http://www.uwc.edu/financial\\_aid/sap\\_policy.asp](http://www.uwc.edu/financial_aid/sap_policy.asp)

For more information regarding the UW Colleges Satisfactory Academic Progress Policy, contact the campus Student Services Office.



UNIVERSITY  WISCONSIN  
COLLEGES

The freshman/sophomore UW campuses



# ENROLLING

IN THE UW COLLEGES' CAMPUSES

It's easy to begin your college  
education at the UW Colleges.  
Your campus Student Services Office  
is a friendly place to start the process.

**THE BEST START FOR THE LIFE YOU WANT**

## REGISTRATION

Registration is the process of enrolling in courses each semester. A student services or faculty advisor will help you select classes to fit your individual course of study.

The schedule of classes and specific information on the time, dates and places of registration are available from your campus Student Services Office.

If you submit a completed registration form, you are registered whether or not you pay fees and tuition or attend classes. Once you are registered, if you want to withdraw, you must complete the withdrawal process explained in this catalog. (Non-attendance does not constitute official withdrawal—see “withdrawal” section of catalog on p. 26.) Failure to withdraw officially does not end your obligation to pay your fees. Failure to pay the fees may bar you from registration in the future. The amount of fees owed is determined by the fee policy established by the Regents of the University of Wisconsin System.



### Registration Hold Policy

If you have an outstanding obligation to the UW Colleges (e.g., you owe a fine, money, materials, or financial aid), a hold may be placed on your educational records. The hold may prohibit you from registering in the future and you will not be able to receive a transcript of your academic record.

### Class Attendance

Instructors may establish reasonable class attendance policies. Such policies will be announced in the course syllabus. You are responsible for completing all work missed when you are absent from class. If you plan to be absent because of field trips or extracurricular activities sponsored by your campus, the faculty member in charge of the activity will provide that information to instructors whose classes you will miss.

If you are receiving benefits from the Veterans Administration and/or Social Security Administration, you are expected to attend all classes. You should consult the campus Student Services Office for complete information.

### Concurrent Registration

You may enroll in courses at more than one University of Wisconsin campus. However, in order to do so, you must obtain written permission from your UW Colleges campus student services director. If you enroll at more than one UW campus, the number of credits you take is combined to determine your status, either full- or part-time, and your fees and tuition assessment. You must present proof of fees paid and courses and credits being taken. If you are enrolled full time in one institution, no additional fees will be assessed by a second campus. If you are not enrolled full time at the first campus, the second campus will charge a per-credit rate until the full-time credit plateau is reached. The full-time rate will not be less than the lowest, nor more than the

highest, full-time rate of the campuses involved. You should consult with the UW Colleges campus Student Services Office and Business Office for information about concurrent registration.

### UW-Learning Innovations Independent Study

UW Colleges students may enroll in an independent study course (correspondence course) through the UW-Learning Innovations if the course is not offered at a UWC campus and if the UW-Learning Innovations Independent Learning catalog indicates the course is offered for university degree credit. Students will be expected to complete the correspondence course at the same time as their regular UW Colleges semester courses. Full-time students may take one UW-Learning Innovations course at no extra cost other than fees for text materials bought through UW-Learning Innovations and a small registration fee. The fee for the course will be waived if:

- full load tuition fees at a UW Colleges campus are paid;
- total credits do not exceed 18 or the maximum allowed by the UWC; and
- written permission has been obtained from the campus Student Services Office to take the course.

UW-Learning Innovations correspondence course fee waiver registrations are accepted only after semester fees have been paid and no later than the end of the second week of classes. Such registrations are not accepted during summer session. Contact the campus Student Services Office for an independent study list and appropriate forms.

### Late Registration

You may register late, observing the same regulations as for adding courses. Late registration is subject to any late registration charge in effect under Regent policy.



## ADDING COURSES

*The UW Colleges is implementing a new Student Information System. The drop and add procedures outlined here are accurate as of the date this catalog was printed.*

*Please contact your campus Student Services Office for the correct procedure.*

You may add a course or courses by completing the appropriate Change of Program/Add cards during the first two weeks of a semester, the first week of an eight-week course, or during a proportionate time for shorter courses. Your campus may require the signature of your advisor and/or instructor. The forms must be received in the Student Services Office by the deadline date published in the campus timetable. The date you return the completed forms to the campus Student Services Office is the effective date used for official records and billing.

You may add a course after the second week of classes of a semester if the change was necessary because you dropped a course and are substituting a lower level course in the same discipline. Exceptions to the time limit are made only with the written consent of the instructor.

## DROPPING COURSES

A course or courses may be dropped by completing the Change of Program cards during the first 10 weeks of a semester-long course, the first five weeks of an eight-week course, or a proportionate time for shorter courses. The campus may require the signature of your advisor and/or instructor. The forms must be received in the Student Services Office by the deadline date published in the campus timetable. The date the completed forms are returned to the campus Student Services Office is the effective date used for official records and billing.

If a course is dropped after the second week of classes, for a semester course, or after the end of the first week for courses less than 12 weeks in length, a grade of W will be recorded on the student's official record. The UWC may establish procedures for dropping students administratively if the students do not attend one or more of the first class sessions in a semester. The number of class sessions missed before implementation of an administrative drop is at the discretion of the UW Colleges.



## WITHDRAWAL

Withdrawal means terminating your registration in all courses for the semester. Non-attendance does not constitute official withdrawal. You may officially withdraw from the University by:

1. **Withdrawal Form.** Submitting a completed Withdrawal Form to the campus Student Services Office. The effective date of withdrawal will be the date this form is received in the Student Services Office.
2. **Letter.** Directing a dated letter with your signature to the campus Student Services Office stating your desire to withdraw. The postmark date will be used to determine the effective date of withdrawal. This letter must be postmarked no later than the end of the 10th week of classes.
3. **Telephone call.** If this option is used, the date of the call will be used as the effective date of withdrawal. The telephone call must be followed by a signed letter of authorization,

postmarked within two (2) days of the call. If the letter is not postmarked within these two days, the postmark date will determine the effective date of withdrawal.

If you are attending a UW Colleges campus that rents textbooks, the official withdrawal process includes the return of the texts to the appropriate office.

You must complete the official withdrawal process in one of these three ways no later than the 10th week of classes of any semester, the end of the fifth week of an eight-week summer session, or proportionate time for a shorter session. If you do not withdraw in any of the ways described, you will receive grades in all courses for which you were registered.

Tuition refunds are governed by the UW Board of Regents Fee Refund Schedule, issued annually. The date your withdrawal is completed officially

is the date used for calculating tuition refunds.

Any student who withdraws from two consecutive semesters will not be eligible to enroll without seeking readmission. (This does not affect students who enroll for an original credit load of less than six credits in each of two consecutive semesters.) Due to federal regulations that govern Student Financial Aid, you may owe a repayment of your financial aid if you withdraw from the University. (See "Academic Withdrawal" in the Student Financial Aid section of this catalog, page 21.) Withdrawing from school may also affect your future eligibility for financial aid if you do not fulfill the Satisfactory Academic Progress policy requirements. (See "Satisfactory Academic Progress for Financial Aid Eligibility" in the Student Financial Aid section of this catalog, page 22.) Contact your campus Student Services Office if you have questions about financial aid and/or withdrawing.



UNIVERSITY



WISCONSIN

# COLLEGES

The freshman/sophomore UW campuses



## ACADEMIC POLICIES AND REGULATIONS

Through a personal approach to teaching, our faculty help build your abilities and confidence as a student. Understanding what's expected of you academically will make it possible to meet those challenges.

**THE BEST START FOR THE LIFE YOU WANT**

## ACADEMIC CREDIT

Each course is assigned a number of credit hours. Credit is measured in semester hours. A credit of one semester hour usually represents one hour of lecture or two hours of laboratory or studio per week. You should expect to spend two to three hours each week outside of class in preparation and study for each credit.

### Student Classification

Zero to 29 degree credits equal freshman standing; 30 or more degree credits equal sophomore standing.

### Credit Load

Freshmen and sophomores may enroll in up to 18 credits during the fall or spring semester. High school special students will be limited to six credits per semester. Credit restrictions also may be imposed on students who are designated as high risk and/or are enrolled in remedial course work. Students are allowed to enroll in a maximum of nine credits during summer session, whether in an eight-week session and/or any combination of shorter sessions. The maximum credit load for a four-week session is four

credits. The approval of the Student Services Office or the advisor is required to enroll in more than the maximum number of credits.

### Non-Degree Credit

Some courses are offered for non-degree credit. Examples are Math 081 and 090, which are high school algebra and geometry. Such courses will not be counted toward the Associate degree and are not used in determining a grade point average for any purpose. However, non-degree credits will count in determining whether a student has completed sufficient course work to maintain satisfactory academic progress, and as part of load for financial aid purposes.

### Zero Credit Courses

Some courses are offered for zero degree credit. If you take a zero credit course, a grade will be recorded. You are expected to do all assigned work in the course. Zero credit courses count as one credit for fee purposes.

### 30 Credit Rule

If your scores on the English or

mathematics placement tests indicate that you must enroll in remedial course work, UW policy requires that you complete successfully the remedial course(s) before you earn a total of 30 credits. In addition, you may be required to limit the number of credits carried while you are enrolled in remedial courses.

### Pass/Fail

You may enroll in elective courses on a pass/fail basis. This option allows you to explore a field or subject without worrying about the letter grade you earn. Courses to be applied to the Associate of Arts and Science core and general education requirements may not be taken on a pass/fail basis. Students undecided about a major should not take courses on a pass/fail basis because these courses might later become part of major requirements. Many universities do not permit pass/fail courses to count toward meeting major or general studies requirements. Instructors assign final grades of S (pass) and U (fail) for courses taken on a pass/fail basis. The results of any pass/fail course will not affect your grade point average (GPA).

A student may take only one pass/fail course in any semester, including summer session. You may elect two such courses as a freshman and two such courses as a sophomore.

You must decide whether to take a pass/fail course during the time period allowed for adding a course. You may not change a course either to or from pass/fail after the deadline for adding a course.

Instructors in non-degree credit courses listed in the catalog and instructors in lecture forum (LEC) courses in the catalog may grade an entire class on a pass/fail basis. If that is the case, it will be indicated in the campus timetable.

### Auditing

You may, with the consent of the instructor, audit a course. As an auditor,



## ADVANCED STANDING CREDIT

you will not take exams nor have any course work evaluated by the instructor. You may not be allowed to audit a course if your presence will result in additional classroom space requirements or in increased instruction costs.

Audited courses carry no degree credit, do not count toward your GPA, and do not count toward full-time attendance for purposes such as certification for Social Security or Veterans Administration benefits. They also do not count for purposes of financial aid eligibility.

You may change from audit to credit status during the same period allowed for adding a course, and you may change from credit to audit during the period allowed for dropping a course. You may take a previously audited course for credit.

### Repeating Courses

You may repeat courses to improve your grade point average (GPA) or to improve your foundation of knowledge before taking succeeding courses in a discipline. A student may not repeat a course after having completed a succeeding course in the discipline. A “succeeding course” is one that lists the course the student wishes to repeat as a prerequisite. Exemptions to the policy may be granted by the Director of Student Services. There is no limit

to the number of times you may repeat a course, but all attempts and the resulting grades earned will appear on your transcript. If you repeat a course to improve your GPA, you must so indicate when registering. In this case, only the most recent credits attempted and the grade earned are used to compute your GPA. Courses repeated at institutions other than the UW Colleges will not affect a student’s UW Colleges grade point average.

Students should be aware that some institutions will average the grades of all courses attempted when computing a GPA for transfer admission purposes. Courses you repeated at other schools will not affect your UW Colleges GPA.

If you do not indicate that a course is a repeat, all credits attempted and grades earned are used to compute your GPA. Ordinarily, courses you repeat will not be counted twice toward the credits necessary to earn your Associate degree. For example, if you take HIS 101 twice for three credits each time, you will have earned only three credits toward your degree. Orchestra and Chorus are examples of courses you can take for degree credit more than one time.

Consult the campus Student Services Office if you plan to repeat a course, especially if you are receiving Veterans Administration or Social Security benefits.

Degree-seeking freshman or sophomore students may earn advanced standing credit for specific UW Colleges courses. The courses to which this applies are determined by the academic departments and are described in the three sections that follow (Advanced Placement, College Level Examination Program, and additional academic department offerings). In some cases, standard examinations such as the College Level Examination Program (CLEP) or the College Board Advanced Placement Examination are used. Advanced standing credits will be recorded on the student’s transcript as such and grades will not be assigned to those courses. Additional information on earning advanced standing credits is available in the campus Student Services Office.

### 1. Advanced Placement

The UW Colleges accepts for degree credit all successfully completed College Board Advanced Placement Examinations with scores of three, four or five. See the Academic Department Additional Offerings section for the specific UW Colleges credit that is awarded for each of the AP exams.

### 2. College Level Examination Program

Degree-seeking students may earn degree credits by taking the College Level Examination Program (CLEP) General Examinations. These tests must be taken before completing the first 16 college credits. Credit may be earned for the CLEP General Examination sections in Humanities, Social Sciences and/or Natural Sciences. Minimum scores to earn credits are as follows:

- Humanities—57, 4 cr.
- Social sciences—57, 4 cr.
- Natural Sciences—57, 4 cr.

Credit earned for the Natural Sciences section will not count toward the Associate degree natural science laboratory requirement.

Students will not receive credit for the English or math sections of the CLEP





## ADVANCED STANDING CREDIT CONTINUED

General Examination. Credit cannot be awarded in any area in which a college course has been completed prior to the exam. Any credits earned by taking the CLEP General Examination will be recorded as such on students' transcripts. CLEP Subject Examinations accepted by the UW Colleges are listed under each department in the Academic Department Additional Offerings section below.

### 3. International Baccalaureate

The UW Colleges accepts for degree credit all successfully completed International Baccalaureate Examinations with a score of four or higher. See the Academic Department Additional Offerings section for the specific UW Colleges credit that is awarded for each of the AP exams. Three additional elective credits will be awarded to students who complete the full International Baccalaureate Diploma.

### 4. Academic Department Additional Offerings

#### A. Art Department

Students may earn two credits of Art Elective with a score of three, four or five on the Advanced Placement History of Art Exam, the Advanced Placement Studio Art: Drawing Exam, or the Advanced Placement Studio Art: General Portfolio Exam. Portfolios may be submitted to establish credit in studio courses.

#### B. Biological Sciences Department

Students may earn three credits of Biology Elective with a score of three on the Advanced Placement General Biology Exam. Students may earn five credits of BIO 109 with a score of four or five on the Advanced Placement General Biology Exam. Students may earn three credits of Biology Elective with a score of three, four or five on the Advanced Placement Environmental Science Exam.

Five credits for BIO 109 may be earned with a grade of four or higher on the Higher Level Biology Examination

on the International Baccalaureate (IB) Program. The department does not offer credit through challenge examinations in any courses.

#### C. Business Department

Students may earn four credits in BUS 201. Contact the campus business faculty for exam and minimum score requirements.

#### D. Chemistry

Students may earn three credits of Chemistry Elective with a score of three on the Advanced Placement General Chemistry Exam. Students may earn five credits of CHE 145 with a score of four or five on the Advanced Placement General Chemistry Exam.

Students may earn five credits of CHE 145 and five credits of CHE 155 with a score of four or higher on the Higher Level Chemistry Examination on the International Baccalaureate (IB) Program.

#### E. Computer Science

Students may earn three credits of CPS 216 with a score of three, four or five on the Advanced Placement Computer Science A Exam. Students may earn three credits of CPS 216 with a score of three, four or five on the Advanced Placement Computer Science AB Exam.

#### F. Economics

Students may earn three credits of Economics Elective with a score of three, four or five on the Advanced Placement Macroeconomics Exam.

Students may earn three credits of Economics Elective with a score of three, four or five on the Advanced Placement Microeconomics Exam.

Students may earn 3 credits of ECO 101 with a score of four or higher on the Higher Level Economics Examination on the International Baccalaureate (IB) Program. Students may earn 3 credits of ECO 203 with a score of six or seven on the Higher

Level Economics Examination on the International Baccalaureate (IB) Program.

#### G. English Department

Students may earn credit by examination in the following courses:

**ENG 101:** by scoring three, four or five on the Advanced Placement English Language and Composition Exam.

**ENG 102:** by earning a minimum score of 50 on the 90-minute multiple-choice objective section of the CLEP Subject Examination in College Composition and by submitting a satisfactory (C or better) 90-minute impromptu essay and a satisfactory documented essay of at least four pages to the local English faculty.

**ENG 201:** by earning a minimum score of 55 on the 90-minute multiple-choice objective section of the CLEP Subject Examination in College Composition and by submitting a satisfactory (C or better) 90-minute impromptu essay and a satisfactory documented essay of six to eight pages to the local English faculty.

**ENG 202:** by earning a score of four or higher on the Higher Level International Baccalaureate examination in Language A (English 1B).

**ENG 250:** there are three ways to receive credit by exam for this course:

- by earning a minimum score of 60 on the 90-minute multiple-choice objective section and by earning a satisfactory grade (C or better) on the 90-minute essay section of the CLEP Subject Examination in Analysis and Interpretation of Literature;
- by scoring three, four or five on the Advanced Placement English Literature and Composition Exam;
- by earning a score of five, six or seven on the Higher Level International Baccalaureate examination.

**ENG 270:** by earning a minimum score of 50 on the 90-minute multiple-choice objective section and by earning a satisfactory grade (C or better) on the 90-minute essay section of the CLEP Subject Examination in English Literature.

## ADVANCED STANDING CREDIT CONTINUED

**ENG 272:** by earning a minimum score of 50 on the 90-minute multiple-choice objective section and by earning a satisfactory grade (C or better) on the 90-minute essay section of the CLEP Subject Examination in American Literature.

**ENG 280:** by earning a minimum score of 50 on the 90-minute multiple-choice objective section and by earning a satisfactory grade (C or better) on the 90-minute essay section of the ACT/Proficiency Examination Program Test in Shakespeare.

### H. Foreign Language Department

Students may earn four credits of FRE, GER, or SPA 101 with a score of three on the Advanced Placement French, German or Spanish Language Exam. Students may earn eight credits of FRE, GER, or SPA 101 and 105 with a score of four on the Advanced Placement French, German or Spanish Language Exam. Students may earn twelve credits of FRE, GER, or SPA 101, 105 and 201 with a score of five on the Advanced Placement French, German or Spanish Language Exam. Students may earn three credits of French or Spanish Elective with a score of three on the Advanced Placement French or Spanish Literature Exam. Students may earn three credits of FRE or SPA 221 with a score of four or five on the Advanced Placement French or Spanish Literature Exam.

Students may earn four credits of FRE, GER, or SPA 101 with a score of four on the Higher Level French, German or Spanish Examination on the International Baccalaureate (IB) Program. Students may earn twelve credits of FRE, GER, or SPA 101, 105 and 201 with a score of five or higher on the Higher Level French, German or Spanish Examination on the International Baccalaureate (IB) Program.

Students receiving foreign language credit for either the AP Language or

IB exams may receive retroactive credits for courses between those for which they receive credit and the first foreign language course they take in the UW Colleges provided they receive a grade of B or better in that course.

French, German, Spanish credits may be earned for the elementary and intermediate courses (101, 105, 201, 205) lower than the first course (including the 107, 204, and 207 two-credit modular courses) completed at the UW Colleges if that course is completed with a grade of B or higher. This policy is strictly enforced; a B- is not acceptable. Students may not first audit a course and then later take it or a higher level course for credit and receive credit for the lower level course(s). Such retroactive credits (for coursework prior to the course taken) do not satisfy requirements for the Associate of Arts and Science Humanities designation. You may earn

a maximum of 16 foreign language retroactive credits. If you wish to earn credits by this method, contact the appropriate instructor at the beginning of the semester.

Students also may earn credits for the elementary and intermediate courses (101, 105, 201, 205) lower than the first pair of two-credit modular courses (106/107, 203/204, 206, 207) successfully completed. A grade of B or better must be earned in each course of the modular pair; a B- is not acceptable in either course.

In addition, students may earn foreign language credit by obtaining a minimum score of 55 on the Level 1 CLEP exam in French, German or Spanish. Before credit is granted, students also must have an interview with a UW Colleges foreign language faculty member. Students may earn a maximum of eight credits for foreign language 101 and 105 courses by CLEP exam.



## ADVANCED STANDING CREDIT CONTINUED

Students wishing to earn credit by examination in other foreign language courses must contact the appropriate instructor and a student services advisor.

### I. Geography Department

Students may earn three credits of GEO 101 with a score of three, four or five on the Advanced Placement Human Geography Exam.

Students may earn three credits for Geography Elective by earning a score of four or higher on the Geography Examination of the Higher Level International Baccalaureate program.

### J. History Department

Students may earn three credits of History Elective with a score of three on the Advanced Placement European History Exam. Students may earn six credits of HIS 119 and 120 with a score of four or five on the Advanced Placement European History Exam. Students may earn three credits of History Elective with a score of three on the Advanced Placement United States History Exam. Students may earn six credits of HIS 101 and 102 with a score of four or five on the Advanced Placement United States History Exam.

Students may earn three credits of History Elective with a score of four or higher on the Higher Level International Baccalaureate examination in History of the Americas. Students may earn three credits of History elective with a score of four or higher on the Higher Level International Baccalaureate examination in History of Europe.

### K. Mathematics Department

Students may earn three credits of MAT 117 with a score of three, four or five on the Advanced Placement Statistics Exam. Students may earn five credits of MAT 221 with a score of three, four or five on the Advanced Placement Calculus AB Exam. Students may earn five credits of MAT 221 with a score of two on the Advanced Placement

Calculus BC Exam. Students may earn ten credits of MAT 221 and 222 with a score of three, four or five on the Advanced Placement Calculus BC Exam.

Students may earn credit for MAT 221 by passing a department exam and then completing MAT 222 with a grade of C or higher. A grade of C- is not acceptable. To earn credit by exam, contact a mathematics instructor. Students may earn five credits of Math 221 with a score of four or higher on the Higher Level International Baccalaureate examination in Mathematics.

### L. Music Theory

Students may earn five credits of MUS 171 and 181 with a score of three on the Advanced Placement Music Theory Exam. Students may earn ten credits of MUS 171, 172, 181 and 182 with a score of four or five on the Advanced Placement Music Theory Exam.



### M. Physics

Students may earn three credits of Physics Elective with a score of three, four or five on the Advanced Placement Physics B Exam. Students may earn three credits of Physics Elective with a score of three, four or five on the Advanced Placement Physics C: Electricity and Magnetism Exam. Students may earn three credits of Physics Elective with a score of three, four or five on the Advanced Placement Physics C: Mechanics Exam.

### N. Political Science

Students may earn three credits of Political Science Elective with a score of three, four or five on the Advanced Placement Comparative Government and Politics Exam. Students may earn three credits of Political Science Elective with a score of three on the Advanced Placement United States Government and Politics Exam. Students may earn three credits of POL 104 with a score of four or five on the Advanced Placement United States Government and Politics Exam.

### O. Psychology Department

Students may earn three credits of Psychology Elective with a score of three on the Advanced Placement Introductory Psychology Exam. Students may earn three credits of PSY 202 with a score of four or five on the Advanced Placement Introductory Psychology Exam.

Students may earn three credits for PSY 202 with a minimum score of 57 on the multiple choice portion of the CLEP Subject Examination in General Psychology.

### P. Theatre Arts

Students may earn 3 credits of COM 130 with a score of four or higher on the Higher Level Theatre Arts Examination on the International Baccalaureate (IB) Program.

## GRADING SYSTEM

Semester grades are recorded by letter only. Each letter grade equals a certain number of grade points per credit.

A grade of B in a three-credit subject equals nine grade points as illustrated by the following scale of grades and grade points:

Grade	Grade Points Per Credit
<b>A</b> (excellent)	4.00
<b>A-</b>	3.67
<b>B+</b>	3.33
<b>B</b> (good)	3.00
<b>B-</b>	2.67
<b>C+</b>	2.33
<b>C</b> (average)	2.00
<b>C-</b>	1.67
<b>D+</b>	1.33
<b>D</b> (poor)	1.00
<b>D-</b>	0.67
<b>F</b> (fail)	0.00

The following symbols are used as grades where grade points are not assigned:

- CO**-Audited course completed
- IA**-Audited course not completed
- I**-Incomplete
- R**-Repeat

Used in remedial English and math courses, and in English 101 and Mathematics 105, when the student is making progress, but has not mastered the subject and must repeat the course.

- S**-Satisfactory  
A passing grade for courses taken on a pass/fail basis.
- U**-Unsatisfactory  
A failing grade for courses taken on a pass/fail basis.
- W**-Withdraw

Recorded opposite the course number and title on the academic transcript for any course dropped after the end of the second week of classes for a semester course or after the end of the first week for courses less than 12 weeks in length, and before the deadline for dropping courses. Only a statement of withdrawal

will be recorded when students withdraw from an entire program.

The following symbols may appear following the number of credits:

- N**-Course offered for non-degree credit
- H**-Course taken for honors credit
- A**-Course audited

### Grade Point Average (GPA)

The quality of your work is indicated by your grade point average (GPA). The highest possible GPA is 4.0, representing an A grade in each course attempted; the lowest GPA, 0.0, represents an F grade in every course attempted. Your GPA is determined by dividing the total number of grade points earned by the total number of credits attempted.

Courses in which you received a grade of CO, IA, I, R, S, U or W are not counted when determining your GPA. If you complete a course in which you originally received a grade of I, the credits and points associated with the new grade will be included in your GPA.

### Dean's List

Each UW Colleges campus may publish a Dean's List to honor students with high GPAs. Dean's List Honors will be awarded to full-time students carrying at least 12 semester credits used to determine GPAs as detailed below. Dean's List Honors will be awarded to part-time students who have earned at least 15 credits with a cumulative average of 3.5 and who carry a minimum of three semester credits used in determining the GPA, and earn a semester GPA as detailed below. Honors will be awarded to full-time students carrying fewer than 12 semester GPA credits who meet the conditions described for part-time students. Part-time status will be identified on the Dean's List. You may request that your name be deleted from the public announcement of the Dean's List.

### Honors:

Grade point average of 3.50-3.74

### High Honors:

Grade point average of 3.75-3.99

### Highest Honors:

Grade point average of 4.00

### Incompletes

An Incomplete (I) may be recorded if you carried a passing grade in a class until near the end of the semester and then, because of substantiated cause beyond your control, were unable to take the final exam or complete a limited amount of term work. It is the student's responsibility to request an Incomplete or to consult with the instructor regarding the possibility of receiving an Incomplete.

In addition to submitting an Incomplete, the instructor also will submit a grade to be recorded as a permanent grade in the course if you fail to remove the Incomplete.

You are responsible for consulting with your instructor about the work to be completed. The instructor will file a detailed report of the work to be completed to allow you to finish the course. The format of the report and the filing place are determined by each UW Colleges campus.

You must remove the Incomplete before the end of the next semester. If you and your instructor agree, an exception to the time limit may be made in writing to the campus Student Services Office. If you do not remove the Incomplete within the time limit, it will be replaced by the tentative grade indicated by the instructor.

### Mid-term and Final Grades

Mid-term grades will be made available to you, informing you of your progress, usually by the end of the ninth week of the semester. The specific mechanisms for collecting and distributing mid-term grades should be determined at each UW Colleges campus.



## ACADEMIC STANDING

Final grades must be reported by your instructor within four working days after the final exam. A final grade report will be mailed to you at the end of the semester and/or summer session. Notification of any probationary or suspension action will be on the grade report.

### Final Examinations

Final examinations will be given at the time designated in the published exam schedule. If you have more than two exams on one day or two exams scheduled at the same time, you must make arrangements at least one week in advance with one of your instructors to take one examination at an alternate time. If informal arrangements cannot be made, the instructor in the class with the lower enrollment shall provide an alternate examination time.



You are expected to maintain certain standards of academic achievement in all work carried out at the UW Colleges. Quality is measured by both semester and cumulative grade point average (GPA), and the quantity of work satisfactorily completed, as measured by the proportion of the the credit load completed each semester.

Certain exceptions are allowed for part-time students and unless otherwise stated, part-time students are expected to meet the same standards of academic achievement as any other student.

Good standing is the status assigned when your semester and cumulative GPA is 2.0 or better.

Probation and final probation is an advisory warning that improved performance is necessary to continue as a student. Probation is a status assigned to a student for: (1) lack of academic progress as measured by completed credits, or (2) inadequate performance as measured by the grade point average.

Academic suspension is a status assigned when your record of academic progress and/or achievement is unacceptable to the extent that continued enrollment in the UWC is not permitted.

### Probation and Suspension

The UW Colleges is concerned about students whose academic achievement seem to indicate that they are not able to meet the expectations of their instructors or are experiencing other problems which may be interfering with their studies. Probation is an advisory warning that you should take appropriate action to improve your achievement. You will be suspended when the UWC faculty believe your academic achievement record to date indicates a need to interrupt your enrollment to reassess and reevaluate your goals and plans. If you are placed on probation or suspended, you should give careful consideration to the factors that may be involved, and you should

ask assistance from counselors, advisors, and course instructors.

Students who are on final probation should be regarded as at risk and may be required to limit their course credits and participate in special programming. Special programming may include, but is not limited to, advising prior to registration and a course load restriction normally not to exceed twelve credits. Students may appeal to the campus Academic Actions Committee for exceptions to the guidelines established by the campus.

You are expected to maintain at least a C average (2.0 GPA) on all credit course work. Failure to maintain this minimum C average (2.0 GPA) in any semester will result in a probation, final probation or suspension action at the end of the semester.

### Suspension Status

The first suspension will result in a suspension from the UW Colleges for one semester. A subsequent suspension status will result in a suspension from the UWC for two semesters.

A suspended student may not enroll at any UW Colleges campus during the fall or spring semesters for the duration of the suspension. A student in suspension status may register, for a summer session or January interim only, with permission of the dean. Upon successful completion of such courses, the student may request a re-evaluation of the suspension status by the appropriate campus committee. A student who is readmitted will be on final probation and will be subject to the normal standards of progress and achievement and any other special conditions that may be designated by the committee.

### Appeals

Any academic action, except probation or final probation status, may be appealed. A student in suspensin status may appeal the suspension to the proper committee at the UW Colleges campus. Any appeal must include a clear explanation of the



## GRADE POINT REQUIREMENTS & ACTIONS

The following actions are determined only at the end of a Fall or Spring semester. The three factors used to determine the student's standing are: the student's standing at the beginning of the semester, the student's semester GPA, and the student's cumulative GPA.

- When a student is in **good standing** at the beginning of the semester:
  - a semester GPA of 1.5 to 1.999 will result in **probation**.
  - a semester GPA lower than 1.499 will result in a **final probation**.

Action on a part-time student will be withheld until at least 6 credits have been attempted in the UW Colleges.
- When a student is on **probation** at the beginning of the semester:
  - a semester GPA of 2.0 or better will result in a return to **good standing**.
  - a semester GPA of 2.0 or better but less than a 2.0 cumulative GPA will result in a **continuation on probation**.
  - a semester GPA of 1.5 to 1.999 will result in **final probation**.
  - a semester GPA of less than 1.5 will result in **suspension**.
  - a student admitted to the UW Colleges on probation must earn a 2.0 GPA on a minimum of 15 GPA credits attempted in the UWC in order to attain good standing.
- When a student is on **final probation** at the beginning of the semester:
  - a semester GPA of 2.0 or better will result in a return to **good standing**.
  - a semester GPA of 2.0 or better but less than a 2.0 cumulative GPA, will result in a **continuation on final probation**.
  - a semester GPA of less than 2.0 will result in a **suspension**.

problems that resulted in the inadequate achievement and how the student proposes to resolve those problems. A student who is allowed to continue will be on final probation and will be subject to any other special conditions that may be designated.

### Academic Progress

Students are expected to make satisfactory progress in their course of study. Those who do not complete at least half of the credits for which they are registered as of the end of the period for adding classes in any one semester, shall be required to participate in an academic counseling session, and may have conditions imposed by the campus Academic Actions Committee for the next semester in which they register. Credits completed, when determining satisfactory progress, are the number of credits excluding audited credits, for which a final grade, other than a temporary grade of incomplete, has been recorded. Courses for which a grade of R has been received, and non-degree credit courses are included.

### Readmission

If you have been out of school for a period of suspension, whether it is one semester or one year, you will not be readmitted automatically. To seek readmission, you must file an Application for Undergraduate Admission and secure permission to resume your education in the UW Colleges from the Office of Admission or the Student Services Office at the UW Colleges campus you wish to attend. If you are readmitted, you will be on final probation and will be subject to normal standards of progress and achievement and other special conditions which may be designated.

If you have been out of school for a minimum of at least three years, probationary status based on prior academic work will be waived. For more information, contact the campus Student Services Office.

If you last attended an institution other than the UW Colleges and were suspended, you may need to wait until the suspension period has elapsed before applying for admission to the UW Colleges.



## GRADE APPEAL POLICY

The UW Colleges Grade Appeal Policy is based on the following principles: (1) the faculty has responsibility for assignment of grades; (2) students should be free from prejudicial or capricious grading; and, (3) no grade may be assigned or changed without departmental faculty authorization. The following steps constitute the procedure to be followed by a UW Colleges student wishing to appeal a grade:

1. A grade appeal should normally be initiated within 30 days of receipt of the grade report. Prior to making a formal appeal, the student should check with the instructor to make sure that no clerical error has been made.
2. The student shall submit a written appeal to the instructor detailing the basis on which the student believes the grade ought to have been different. During this first phase of the process, the student and instructor might meet to discuss the bases for the grade, if both are willing to do so. The instructor shall normally respond in writing to the student within 30 days.
3. The student may continue the appeal process by submitting his/her case, including copies of all correspondence to date, to the chair of the appropriate academic department or, in the case of a conflict of interest, to a designee appointed by the department's Executive Committee. This must be done within 30 days of receiving a written response from the instructor, and the department chair or designee shall acknowledge the appeal in writing with a copy to the instructor.
4. Each department must have a review process and review body to adjudicate grade appeals. The review body should examine available information to determine if any of the following grounds for changing a grade are present: inconsistent treatment, procedural errors,

capricious judgements, or use of inappropriate criteria. The review body may request additional information from the instructor and/or may ask to see copies of the student's work. The department shall conclude its review within 60 days. After first securing the endorsement of the Department Chair, the chair of the reviewing body shall inform the instructor and student of the outcome of the review with copies to the Vice Chancellor for Academic Affairs, the Department Chair, the Registrar, the campus Director of Student Services, and the Campus Dean. If the review process finds with the student and a change in grade is recommended, the Department Chair or designee shall notify the instructor, discuss the findings and suggest that the instructor change the grade and so notify the student. Should the instructor decline to change the grade, the Chair or designee shall forward the findings to the Vice Chancellor for Academic Affairs who will effect the change. If the review upholds the original grade, the Department Chair or designee, having already endorsed

the review body's report, need take no further action.

5. The student may appeal a decision upholding the original grade by requesting that the Vice Chancellor for Academic Affairs receives such a request for review, he or she shall examine the record created by the departmental review body, and shall uphold the decision of that body unless he or she finds:
  - a. The evidence of record does not support the findings and recommendations of the departmental review body;
  - b. Established procedures were not followed by the departmental review body and material prejudice to the student resulted;
  - c. The decision was based on factors proscribed by state or federal law regarding equal educational opportunities; or
  - d. The decision was arbitrary and capricious. Should the Vice Chancellor's review find any of the above, the Vice Chancellor will remand the appeal to the department for action consistent with the finding.



UNIVERSITY  WISCONSIN

## COLLEGES

The freshman/sophomore UW campuses



# STUDENT RIGHTS AND RESPONSIBILITIES

We take our students' learning personally,  
and we take our students' rights seriously.

You should, too. Awareness of your  
rights and responsibilities as a student  
is part of your education.

**THE BEST START FOR THE LIFE YOU WANT**

## STUDENT RIGHTS & RESPONSIBILITIES

All students in the University of Wisconsin Colleges are governed and protected by federal, state and local laws, and by UW System and UWC policies and procedures.

The following chapters of the Wisconsin Administrative Code acknowledge the need to preserve the orderly processes of the UWC with regard to its teaching and public service missions, as well as the need to observe every student's procedural and substantive rights. Such laws, policies and regulations include Chapter UWS 14 Student Academic Disciplinary Procedures, Chapter UWS 17 Student Nonacademic Disciplinary Procedures and Chapter UWS 18 Conduct on University Lands.

Students are also protected by such provisions as Wisconsin Statute Section 36.12 which prohibits discrimination against students, and Chapter UWS 22 which mandates accommodation of students' religious beliefs. Your right to a positive learning environment is

protected by the UW Colleges Code of Conduct, the Consensual Relations Statement and the Sexual Harassment Policy.

Information about these various rights and responsibilities is distributed to all new students at the time of orientation and to continuing students in a manner determined by each UW Colleges campus.

### **Student Right-to-Know & Campus Security Act**

Each UW Colleges campus Annual Security Report includes statistics for the previous three years concerning crimes that occurred on campus, in certain off-campus buildings or property owned or controlled by the campus, and on public property within, or immediately adjacent to and accessible from the campus. The report also includes institutional policies concerning campus security, such as policies concerning alcohol and drug use, crime prevention, the reporting of crimes, sexual assault and other matters.

Each student will be notified each year, via email, of how to access the report on the UW Colleges website. Copies of the report may also be obtained by contacting the Office of Student Services at your campus.

### **Equity in Athletics Disclosure Act**

The Equity in Athletics Disclosure Act of 1994 requires educational institutions that participate in federal student financial aid programs and have intercollegiate athletic programs to prepare an annual report which provides information about their intercollegiate athletic programs. Copies of the UW Colleges reports may be obtained from the Student Services Office at each campus.

### **Safety and Health Policy**

The University of Wisconsin System will provide and maintain adequate facilities for a safe and healthy learning environment. It is the university's responsibility to work with faculty and staff so that they are equipped to educate their students on practices and procedures that ensure safety for all members of the university. Employees with instructional responsibilities are expected to comply with state and federal safety laws and regulations in their institutional areas. Certain courses and research projects require that the student work with hazardous materials while engaging in academic studies. Instructors of these courses and research projects shall inform and train students on procedures that will maintain the students' personal health and safety and provide them with information on the hazards of specific chemicals that will be used during their course of study. Furthermore, instructors will enforce and follow safety policies. Before using hazardous materials and equipment, the student shall review the procedures and information and discuss any associated concerns with the instructor.



## RIGHTS OF ACCESS TO STUDENT RECORDS

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are:

1. The right to inspect and review the student's education records within 45 days of the day the University receives a request for access.

Students should submit to the Director of Student Services written requests that identify the record(s) they wish to inspect. The Director of Student Services will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the Director of Student Services, the Director shall advise the student of the correct officer to whom the request should be directed.

2. The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.

Students may ask the University to amend a record that they believe is inaccurate or misleading. They should write the University official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading.

If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.

One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

Upon request, the University may disclose educational records without consent to officials of another school in which a student seeks or intends to enroll.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University of Wisconsin Colleges to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

**Family Policy  
Compliance Office  
U.S. Department of Education  
600 Independence Ave., SW  
Washington, DC 20202-4605**

5. You should be aware that, under the Act, the UW Colleges construes the following to be directory information which is available to the public: name, address (including e-mail address), telephone number, date of birth, dates of attendance, part-time/full-time status, degrees and awards received, major field of study, participation in officially recognized

activities and sports, and previous educational institution attended. No other information will be released to a third party, except as provided by law, without your prior consent. In addition, you have the right to inform the UW Colleges that the above information cannot be released without your prior consent. If you choose to have directory information restricted, you should file the appropriate request form in the campus Student Services Office.

6. Each UW Colleges campus may publish a Dean's List to honor students with high grade point averages. (See page 33.) You may request that your name be deleted from the public announcement of the Dean's List.





## HELP IS ONLINE

The Higher Education Location Program (HELP) has provided toll-free educational advising for the institutions in the UW System since 1973. By calling 1-800-442-6459, you can speak with an advisor about virtually any topic related to your educational goals. HELP is also online. It provides a one-stop-shop for UW System student information and features web pages with information about these and other topics:

### **Admission**

Apply online, read information especially written for freshman, learn about transfer and reentry, and more.

### **Majors & Programs**

Explore possible majors, learn about Distance Education opportunities, review campus catalogs, and more.

### **Careers**

Validate your major, complete a self-assessment, plan for a career, find out about an occupation, and more.

### **Paying for College**

Find out about applying for financial aid, learn about college costs, examine how to go about searching for scholarships, review the priority dates for applying for financial aid at all UW System campuses, and more.

### **Gearing Up For College**

Use the college checklist to navigate the college search and admission processes, read the Gearing Up For College online brochure, review the dates and locations of Wisconsin Education Fairs, and more.

### **Transfer Information**

Review transfer information, discover how courses transfer from one UW system institution to another, examine course equivalencies between the UW System and the Wisconsin Technical Colleges System, and more.

### **Student Life**

Learn about services, programs, and resources for veterans, students with special needs, multicultural,

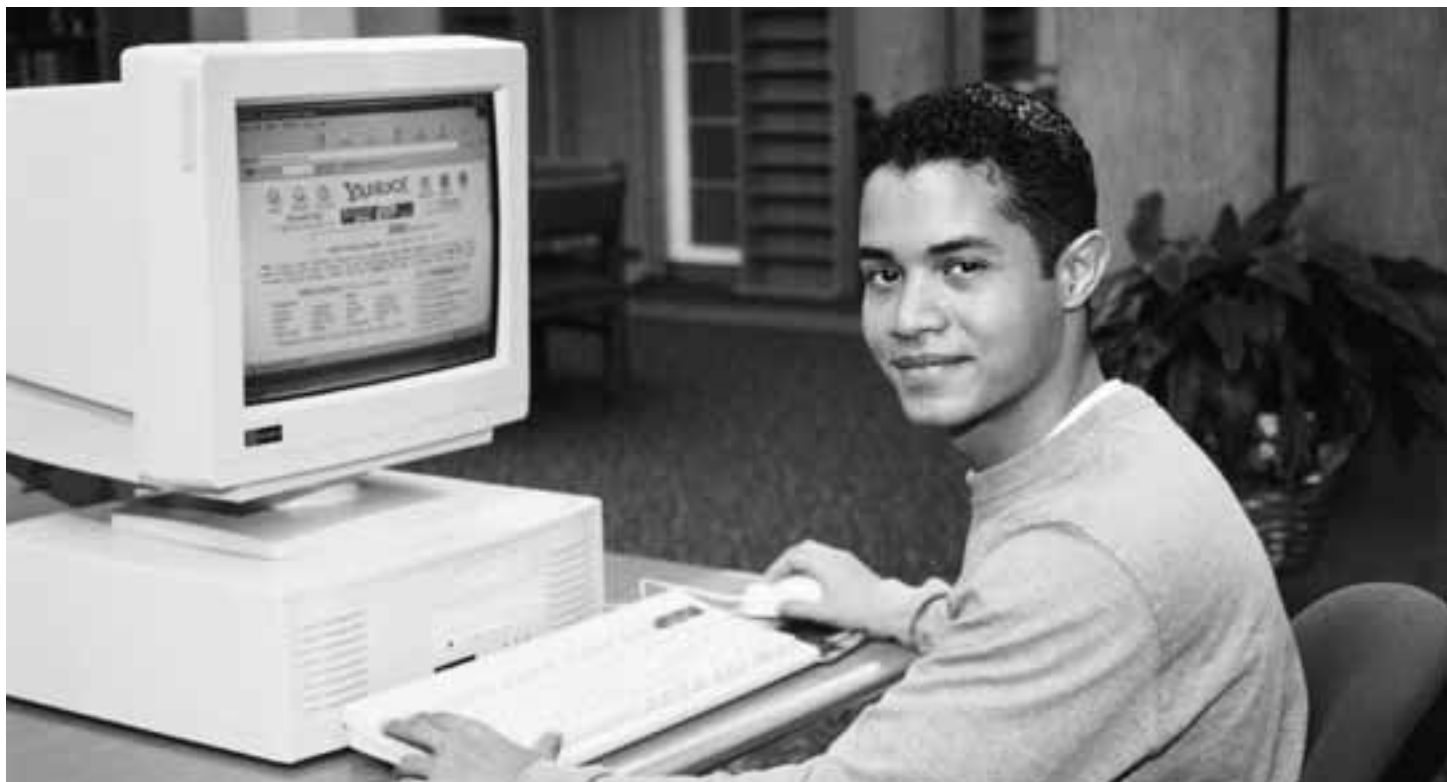
<http://uwhelp.wisc.edu/>

low-income, and first generation colleges students, review international study options, find out about health and family services, explore athletic opportunities, and more.

### **Adult Learners**

Adults attending college for the first time or returning to college can use the "how to" guide found here to ease their transition into a higher education setting. Learn how to apply for admission, afford an education, succeed in college, choose a major, find support services, and more.

Students are able to apply for admission using the UW System Electronic Application for Undergraduate Admission on the World Wide Web. This application is available from the Admission area of HELP On-Line or the UW Colleges homepage. You will be able to apply to multiple institutions in the UW System using this form. You can find HELP On-Line at: <http://uwhelp.wisc.edu/>.



UNIVERSITY  WISCONSIN

## COLLEGES

The freshman/sophomore UW campuses



# TRANSFER

FROM A UW COLLEGES' CAMPUS

Learning is for a lifetime,  
and your education won't end  
in our classrooms. When you decide  
to transfer to a baccalaureate  
institution we can help.

**THE BEST START FOR THE LIFE YOU WANT**

## PLANNING FOR TRANSFER

The UW Colleges is fully accredited by The Higher Learning Commission and a member of the North Central Association. Therefore, credits earned at the UWC will be accepted by other colleges and universities in Wisconsin and throughout the country. Students do need to plan carefully, however, to ensure that they select the courses which will fulfill the specific requirements of the program of study they expect to pursue. The UWC encourages you to consult your campus Student Services Office as early as possible for advice regarding transfer admission requirements and procedures.

### TRANSFER AND THE ASSOCIATE DEGREE

According to the UW System Undergraduate Transfer Policy, students holding the UW Colleges Associate of Arts and Science degree will be considered to have satisfied the university-wide general education breadth requirements. Colleges and Schools may require transfer students to complete additional general education credits beyond the university-wide total if required of continuing students. In addition, the Associate Degree may not necessarily satisfy competency or proficiency requirements, upper division general education courses, general education courses that are prerequisites integral to a particular program or major and which are required of continuing students, and requirements mandated by external professional accrediting associations or program approving agencies.



## OTHER TRANSFER INFORMATION

### Admission

You must apply for admission to the university or college and provide official transcripts of all high school and postsecondary course work (such as work from the UW Colleges) you have attempted. At some institutions, the particular department or program in which you wish to enroll may require a separate application or you may be required to meet separate entrance requirements. Contact your campus Student Services Office and the transfer university for information on specific application procedures, deadlines and entrance requirements.

### Credits

Most colleges and universities limit the number of credits which can be transferred from a freshman/sophomore institution and applied toward a bachelor's degree. Students transferring to UW baccalaureate-granting institutions may generally transfer up to 72 semester credits. UW institutions may accept additional credits toward the degree where appropriate. This does not alter the regulations concerning credits to be earned in residence at an institution. The UW Colleges considers 72 credits to be its program length for purposes of its Financial Aid Office Satisfactory Academic Progress Policy. (See page 22 of this catalog.)

Before you have earned half the credits necessary to complete a bachelor's degree, you should consult an advisor about the total number of credits you can transfer to the university of your choice.

### Financial Aid

If you wish to receive financial aid at your transfer university, indicate this on the admission application and request information about application procedures and any separate application form the university may use. Ask the UW Colleges Central Student Financial Aid Office in Madison and the financial

aid offices of any other colleges you've attended to send a financial aid transcript (FAT) to your transfer institution. (This is different from the academic transcript required for admission.) Forms to request a FAT are available in the campus Student Services Office. There is no charge for the FAT.

### Housing

Arrangements for housing at a university campus are handled in various ways. Usually you are required to file a separate application for housing or you must make your own arrangements for private housing. Housing arrangements should be considered early in your transfer process.

### Transfer Questions

If you have questions regarding the transfer of credit, consult your campus Student Services Office. If you have specific questions about other University

of Wisconsin System institutions, contact the admissions office on the specific campus or call the toll-free UW HELP number (1-800-442-6459).

### Transcript Request

If you want your official UW Colleges transcript sent to another institution, or if you want a copy for yourself, the request must be submitted in writing (telephone requests are not accepted). Request forms are available from the campus Student Services Office or you may send a letter of request to UWC Office of the Registrar, 780 Regent Street, PO Box 8680, Madison, WI 53708-8680. There is a \$3 charge for each transcript. Transcripts will not be furnished for a student who has an outstanding obligation to the UWC (e.g., owes a fine, money, materials, or financial aid). The UWC does not issue copies of official transcripts or documents that it has received from other institutions.



## TRANSFER INFORMATION SYSTEM

For on-line information about credit transfer, academic requirements and other transfer matters, you are encouraged to use the Transfer Information System (TIS). TIS is designed to provide prospective transfer students with current information to help you better prepare for transfer. Contact your campus Student Services Office to learn more about this resource and how to access it.

<http://www.uwsa.edu/tis/tis.htm>

## GUARANTEED TRANSFER

The Guaranteed Transfer Program enables students to begin their education as freshmen at the University of Wisconsin Colleges and be guaranteed admission to a UW System institution as juniors. After fulfilling certain credit and grade point average requirements, students will transfer with the same rights and privileges as those who begin their education at the baccalaureate institution.

Students must submit a "Declaration of Intent to Participate" form at any time prior to the start of their sophomore year (thirty credits). Students must then complete, with a minimum grade point average of 2.00 (2.6 for UW-Madison),

the number of credits required for junior status at the baccalaureate institution. Students will have three academic years from the time of matriculation in the UWC in which to complete the minimum credits required. The baccalaureate institution may make exceptions to the required number of credits for those majors/ programs for which early transfer is recommended.

The Guaranteed Transfer Program guarantees admission to the baccalaureate institution only. Students must meet the same criteria (e.g. GPA, course requirements, etc.) for admission to specific majors/programs as continuing students.





UNIVERSITY  WISCONSIN  
COLLEGES

The freshman/sophomore UW campuses



THE ASSOCIATE OF ARTS AND SCIENCE  
**DEGREE**

You can use this degree as your personal  
foundation for the major you want  
to pursue at any UW System institution.

**THE BEST START FOR THE LIFE YOU WANT**

## DEGREE DESCRIPTION

To fulfill the UW Colleges mission, the degree requires that core requirements in writing and mathematics be completed as well as a distribution of credits in breadth of knowledge categories. The breadth categories in the degree are defined as follows:

### **Fine Arts and Humanities**

Students must acquire knowledge of ideas, beliefs, and abiding concerns pertaining to the human condition as represented in literature, philosophy and cultural history. They must acquire a level of aesthetic appreciation of the human imagination as expressed in the fine arts, and appreciation of the impact of the arts upon the quality and character of human life.

### **Mathematical and Natural Sciences**

Students must know of the nature and workings of the physical universe. They must understand scientific method, the functions of numerical data and

the solving of problems through mathematical and statistical computations, as well as the application of the scientific method in laboratory and experimental work. For this, an appropriate level of computer literacy is required. Students must also be aware of environmental conditions and challenges, the interrelationships of lifeforms and ecosystems, and the impact of human activities upon natural environments.

### **Social Sciences**

Students must understand the nature and dynamics of human social systems and how and why people organize their lives and resources. In doing so, students will learn about both their own and diverse cultures to acquire a historical perspective on long-term characteristics and consequences of social change and an informed understanding of the variety of human conditions and the interrelationships of nations, regions, peoples and individuals.

### **Application and Performance**

Students must demonstrate an understanding of concepts, theory and knowledge through the application of their skills and understanding to specific problems and activities.

### **Ethnic Studies**

Students must become aware of and sensitive to diversity issues and problems. Courses fulfilling this requirement will have a substantial emphasis on cultural diversity within the US and examine these issues from at least one of the following perspectives: African American, Hispanic/Latino, Asian American, and American Indian topics.

### **Interdisciplinary Studies**

Students must acquire an appreciation for the multiple dimensions of any given subject by applying the content, methods and assumptions of two or more disciplines. Students will learn to integrate knowledge from across the curriculum.

## DEGREE REQUIREMENTS

1. A minimum of 60 credits is required.
2. The UW Colleges General Education Requirements must be fulfilled.
3. At least 24 of the 60 credits must be completed within the UW Colleges, or at least 12 of the last 24 credits must be earned within the UWC.
4. A student must have a cumulative grade point average (GPA) of 2.0 earned at the UW Colleges and 2.0 overall GPA in credits applied to the Associate of Arts and Science degree.
5. Students must be enrolled at a UW Colleges campus during the semester in which the degree requirements are completed or have earned 60 degree credits prior to transferring from the UWC to a baccalaureate degree-granting institution.



# GENERAL EDUCATION REQUIREMENTS

The Associate of Arts and Science degree is a foundation for many majors in the UW System and is generally accepted by University of Wisconsin institutions as fulfilling the university-wide, college, and school general education breadth requirements. The degree may not fulfill certain proficiency, major, and/or program-specific requirements.

The University of Wisconsin Colleges offers the Associate of Arts and Science degree. There are no provisions for you to receive more than one Associate degree.

## I. Core Requirements

Grade of C or better in or exemption from the following:

- WRITING - ENG 102
- MATHEMATICS - MAT 108  
or MAT 110

The writing and mathematics requirements and their prerequisites may not be used to satisfy a breadth requirement when used to satisfy a core requirement.

## II. Breadth Requirements

### Fine Arts and Humanities

A student must earn a minimum of nine credits with at least one course designated as Fine Arts and at least one course designated as Humanities.

### Mathematical and Natural Sciences

A student must earn a minimum of 11 credits in this category. A minimum of eight of these credits must be in at least two disciplines of the Natural Sciences and must include one laboratory science course.

### Social Sciences

A student must earn a minimum of nine credits in this category. These courses must be selected from at least two disciplines.

### Application and Performance

A student must earn a minimum of three

credits in courses designated as Application and Performance.

### Ethnic Studies

A student must earn a minimum of three credits in courses designated as Ethnic Studies. Ethnic Studies courses may also be counted toward another breadth category.

### Interdisciplinary Studies

A student must earn a minimum of three credits in courses designated as Interdisciplinary Studies. Interdisciplinary Studies courses may also be counted toward another breadth category.

## III. Electives

A student who has met the core requirements and the other breadth category minimums may complete the 60 credit minimum requirement with courses in this category.

## IV. Exemptions

### Exemption from ENG 102

Students may be exempted from ENG 102 based on an English Placement Test score of 655 or better and demonstrated competence in the writing of a research paper. Each request for exemption is to be treated individually and the campus English department representative will either review a paper employing documented support, written less than one year before the review, or will assign a relatively short (4-6 pages) paper which utilizes a minimum of four sources. No papers will be reviewed or exemptions granted after Nov. 1 in the fall and April 1 in the spring. The department representative is to inform the campus Student Services Office and the department chair of each exemption granted. The chair will then inform the Office of the Registrar. The department representative is also to inform the chair of each circumstance in which a request for exemption is denied.

If you receive an exemption from English 102 and are planning to transfer

to another institution, consult with your prospective institution regarding its composition requirements. No exemptions will be granted for students who have earned more than 30 credits, unless they have transferred to the UW Colleges with 30 or more credits. In that case, they must pursue the exemption within the first semester of attendance at the campus.

### Exemption from Mathematics Core Requirement

A student is exempted from the Mathematics Core Requirement by obtaining a grade of C- or better in either MAT 124, or in both MAT 110 and MAT 113, or in any 200 level mathematics course of three or more credits, or mathematics placement into a 200 level course on the mathematics placement exam.

A student who completes both MAT 110 and MAT 113 with a C- or better will receive five credits in the Mathematical and Natural Sciences Breadth Category.

A student who completes both MAT 108 and MAT 110 may use one of the courses for the Mathematics Core Requirement and the other as Mathematical and Natural Sciences Breadth Category credits.

### Disciplines:

American Indian Studies,  
Anthropology, Art,  
Biological Sciences,  
Business, Chemistry,  
Communication & Theatre Arts,  
Computer Science, Economics,  
Education, Engineering,  
English, Foreign Languages,  
Geography & Meteorology,  
Geology, History,  
Mathematics,  
Music, Philosophy,  
Physical Education & Athletics,  
Physics/Astronomy,  
Political Science, Psychology,  
Sociology, Women's Studies

## DEGREE PROFICIENCIES

The UW Colleges is guided by the principles that a love of learning and a sense of identity, integrity, truth, beauty, and community benefit both the student and society. Given these principles and our mission to provide students with the proficiencies needed for further success, the UWC regards the following areas of proficiency to be of primary importance in the education of our students.

The proficiencies will permeate the courses we offer. We expect that with the acquisition of the Associate degree, students will have taken at least one course, and in most cases, several, which will address each proficiency. Assessment methods to determine student progress toward acquisition of the proficiencies at the course level have been developed. Students may be required to participate in assessment testing as a condition of receiving the degree.

### I. Clear and Logical Thinking

The informed and disciplined use of

rational thought in collecting, evaluating, and synthesizing information, and in framing and addressing “problems,” as well as constructing and supporting logical arguments has long been and must remain a fundamental goal of higher education. Students must be able to:

- analyze, synthesize, evaluate and interpret information and ideas,
- construct and support hypotheses and arguments,
- distinguish knowledge, values, beliefs, and opinions,
- select and apply scientific and other appropriate methodologies,
- solve quantitative and mathematical problems,
- interpret graphs, tables, and diagrams,
- use statistics appropriately and accurately,
- integrate knowledge and experience to arrive at creative solutions,
- evaluate situations of social responsibility,

- make decisions based on an informed understanding of the moral and ethical issues involved, and
- articulate accurately strengths and weaknesses of one’s own work.

### II. Effective Communication

Students must develop and demonstrate proficiency in sharing knowledge with other people. Students must be able to:

- read and listen with comprehension and critical perception,
- recognize fallacies and inconsistencies,
- respond to the media actively and analytically,
- write clearly, precisely, and in a well organized manner,
- develop a large and varied vocabulary,
- recognize and use a variety of written communication forms and styles,
- transmit information effectively through skillful speech delivery,
- respond orally to questions and challenges,
- recognize and use a variety of oral communication forms and styles,
- work collaboratively as part of a team,
- understand and communicate with people different from themselves,
- gather information from printed sources, electronic sources, and observation,
- use computer technologies for communication and problem solving, and
- learn independently, stimulating and satisfying intellectual curiosity.

### III. Aesthetic Response

For an enhanced awareness and appreciation of art and the power and importance of creativity in human life, students need to develop and demonstrate aesthetic understanding and skill. Students must be able to:

- employ and expand the imagination,
- engage in creative expression, and
- respond to the natural world and creative expression with knowledge and sensitivity.



UNIVERSITY  WISCONSIN  
COLLEGES

The freshman/sophomore UW campuses



## COURSE DESCRIPTIONS

Although no single UWC campus offers every course, each campus offers the essential freshman/sophomore curriculum to prepare you for transfer to a bachelor's degree program with a major in almost any field you choose. Check your campus class schedule to learn which courses are offered at your UWC campus.

**THE BEST START FOR THE LIFE YOU WANT**



## COURSE DESCRIPTIONS

### Course Abbreviations

Course listings are in alphabetical order by departmental name.\*

<b>AIS</b>	American Indian Studies
<b>ANT</b>	Anthropology
<b>ART</b>	Art
<b>AST</b>	Astronomy
<b>BAC</b>	Bacteriology
<b>BIO</b>	Biology
<b>BOT</b>	Botany
<b>BUS</b>	Business
<b>CHE</b>	Chemistry
<b>COM</b>	Communication and Theatre Arts
<b>CPS</b>	Computer Science
<b>ECO</b>	Economics
<b>EDU</b>	Education
<b>EGR</b>	Engineering
<b>GRA</b>	Engineering Graphics
<b>MEC</b>	Engineering Mechanics
<b>ENG</b>	English
<b>FRE</b>	French
<b>GEO</b>	Geography
<b>GLG</b>	Geology
<b>GER</b>	German
<b>HIS</b>	History
<b>INT</b>	Interdisciplinary Studies
<b>LEA</b>	Learning Resources
<b>LEC</b>	Lecture Forum
<b>MAT</b>	Mathematics
<b>MLG</b>	Meteorology
<b>MUS</b>	Music
<b>MUA</b>	Music, Applied
<b>NAT</b>	Natural Resources
<b>PED</b>	Physical Education and Athletics
<b>PHI</b>	Philosophy
<b>PHY</b>	Physics
<b>PHS</b>	Physiology
<b>POL</b>	Political Science
<b>PSY</b>	Psychology
<b>SOC</b>	Sociology
<b>SPA</b>	Spanish
<b>WIL</b>	Wildlife
<b>WOM</b>	Women's Studies
<b>ZOO</b>	Zoology

\*The listings for **BAC**, **BIO**, **BOT**, **FOR**, **NAT**, **PHS**, **WIL** and **ZOO** are all under Biological Sciences.

### Abbreviations for Associate Degree Designations

<b>AP</b>	Application and Performance
<b>EL</b>	Elective
<b>ES</b>	Ethnic Studies (also may be designated in timetables)
<b>FA</b>	Fine Arts
<b>HU</b>	Humanities
<b>IS</b>	Interdisciplinary Studies (also may be designated in timetables)
<b>LS</b>	Laboratory Sciences
<b>MS</b>	Mathematical Sciences
<b>NS</b>	Natural Sciences
<b>SS</b>	Social Sciences

**Prereq:** Prerequisite

**Cons. instr.:** Consent of Instructor

\* Asterisk indicates a special topics course or an independent study which will be assigned an associate degree designation at the time it is offered. Check the campus timetable.

### Distance Education Courses

The UW Colleges Distance Education Program offers courses to students using four different modes: audiographics (AU), compressed video, computer based training (CBT), or online (ONL). Both audiographics and compressed video courses meet on campus at specific days and times like traditional classes, CBT mixes the internet with computer lab work, and online courses are taken entirely over the Internet.

**Audiographics (AU)** uses an audio and computer link so that faculty and students can talk to each other, interact with graphics and each other's documents in a real time classroom setting even though they are in many different locations.

**Compressed Video (CV)** uses audio, computer links and video so that faculty and students can both interact and see each other in a real time classroom setting even though they are located on several different campuses.

**Computer Based Training (CBT)** courses are delivered to students using a course web site and the CBT modules on CD-ROMs. Students complete modules, interact with their instructors and submit homework via e-mail, and take exams to complete the course requirements. There is no traditional seat time requirement.

**Online** courses do not meet at a particular time or place although they are structured within the academic semester time frame. With a personal computer and the Internet, students attend class through their courseware by reading lecture notes, interacting with their professor via e-mail, participating in discussion groups with fellow students, downloading reference materials, and so on. Offline reading and regular assignments are also part of the curriculum. Online courses are described in detail at <http://www.online.uwc.edu/>.

# AMERICAN INDIAN STUDIES - ANTHROPOLOGY

## American Indian Studies

### **AIS 101 Introduction to American Indian Studies** 3 cr

An interdisciplinary introduction to the history, culture, and sovereignty of American Indians through the disciplines of Anthropology, Business, Geography, History, Political Science, and Sociology. The course focuses on Wisconsin Indians, meeting the requirements of Wisconsin Act 31. SS/ES/IS

### **AIS 227 Multicultural Business** 3 cr

(Same as BUS 227.) Examines business topics requiring an understanding of culture. Includes cultural diversity in the workplace and the experiences of minorities in business. SS/ES

### **AIS 242 The American Indian in Literature and Film** 3 cr

(Same as ENG 242.) This course will provide a cross-disciplinary exploration of the images of American Indians and their relevance to American society in film, literary, and historical texts.

Prereq: ENG 101 or consent of instructor. HU/ES

### **AIS 308 Archaeology North America** 3 cr

(Same as ANT 308.) Main pre-Columbian cultures north of Mexico. Includes evidence for cultural developments and diversity of cultural groups. Prereq: previous anthropology course or cons. instr. SS/ES

## Anthropology

### General

### **ANT 100 General Anthropology** 3 cr

General understanding of humans in relation to cultures, evolutionary development and racial diversity, capacities for society and the development of the world's major cultures. SS

### **ANT 291 Topics in Anthropology** 2-4 cr

A specific topic in an instructor's area of special competence. When offered, the particular topic is indicated in the campus timetable. Prereq: previous anthropology course or cons. instr.\*

### **ANT 299 Independent Reading and Research in Anthropology** 1-4 cr

Independent reading and research in anthropology.

Prereq: cons. instr.\*

### Physical (Biological)

### **ANT 105 Introduction to Physical Anthropology** 3-4 cr

The biological basis of human evolution and human variation; the place of humans in the order of primates; consideration and interpretation of the fossil evidence for human evolution. NS (if 4 cr. also LS)

### **ANT 303 The Human Skeleton** 3 cr

Individual bones and teeth, possibly including ancient as well as modern specimens; sex and age differences; continuous and discontinuous morphological variation of geographically and ethnically diverse populations; stature reconstruction; forensic aspects of individual identification; lab training in observations, measurements and analysis; lecture and lab. Prereq: cons. instr. NS/LS

### Archaeological

### **ANT 102 Archaeology and the Prehistoric World** 3 cr

Introduction to the prehistoric world from origins of human culture to the beginnings of written history as revealed by archaeological research at great sites and ruins around the globe. Archaeological analysis of famous prehistoric sites as case studies to illustrate concepts and techniques used by archaeologists in their efforts to understand the rise, florescence and demise of vanished societies. SS

### **ANT 302 Archaeology of Wisconsin** 3-4 cr

Survey of Wisconsin archaeology from the earliest occupation of the state through early European contact. Emphasis is on ecological and historical factors influencing development of prehistoric and historic aboriginal culture of Wisconsin.

Prereq: previous anthropology course or cons. instr. SS/ES

### **ANT 308 Archaeology of North America** 3 cr

(Same as AIS 308.) Main pre-Columbian cultures north of Mexico. Includes evidence for cultural developments and diversity of cultural groups. Prereq: previous anthropology course or cons. instr. SS/ES

### **ANT 370 Archaeology Field School** 1-6 cr

Practical application of the basic skills used in the excavation of archaeological sites, including surveying techniques, methods of excavation, compilation of field data, and laboratory analysis through participation in an actual archaeological field project. The site(s) excavated and their location vary by year and campus. Usually offered summers. Limited enrollment. Generally, one credit is given for each 40 hours of fieldwork. Additional fees may be required for transportation, food, lodging and equipment. Prereq: Previous anthropology course and consent of instructor; ANT 102 highly recommended. AP

### Cultural

### **ANT 104 Cultural Anthropology** 3 cr

Survey of cultural anthropology with emphasis on ethnographic description, methodology and contemporary theory. Cross-cultural comparisons of societies and institutions. Course includes both humanistic and social scientific approaches to human sociocultural diversity. SS

### **ANT 204 Cultures of the World** 3 cr

Ethnographic survey of the world's peoples and their cultures. Major regions of the world considered in an attempt to outline the variety, richness, significance and persistence of cultural traditions. Not recommended for first-semester freshman, except with consent of instructor. SS

### **ANT 250 Women in Cross-Cultural Perspective** 3 cr

(Same as WOM 250.) Study of women in a variety of cultures around the world, both past and present. Includes consideration of the sexual division of labor, marriage systems, child rearing, relationships between men and women, systems of myth and ideology concerning women's roles and the effects of socio-economic development and rapid social change. Not recommended for first-semester freshman, except with consent of instructor. SS

## ANTHROPOLOGY - ART

**ANT 260 American Indian Art** 3 cr  
A survey of North American Indian art and its relationship to Native American cultures, past and present. Looks at pre-Columbian art, changes in art with European contact, and the most recent trends in Native American art. Philosophies of aesthetics and the relationship of art to material culture and world view will be analyzed from the cross-cultural perspective of the anthropology of art. Not recommended for first-semester freshman, except with consent of instructor. FA/ES

**ANT 314 Indians of North America** 3 cr  
Description and analysis of native cultures and the role of environmental and historical factors in North America. Prereq: a previous anthropology course or cons. instr. SS/ES

**ANT 325 Peoples and Cultures: Focused Explorations** 3 cr  
Ethnographic survey of the peoples and cultures of a specified geographic region or culture area. Explores the diversity of societies in the region, as well as persistence and change in cultural traditions. Emphasis may include the role of environment and prehistoric and historic events; social organization, kinship, belief systems, law, economics, and language. The selected area reflects the instructor's area of special competence. When offered, the selected area is indicated in the campus timetable. Course may be repeated for credit if selected area is different. Prereq: previous anthropology course or cons. instr. SS

**ANT 343 Anthropology of Religion** 3 cr  
Anthropological approaches to selected religious systems, including geographic and topical comparisons, critical considerations of outstanding contributions and a view of religion as an ethnographic problem. Prereq: previous anthropology course or cons. instr. SS

**ANT 350 Illness and Healing in Anthropological Perspective: Introduction to Medical Anthropology** 3 cr  
The interrelationships between ecology, culture, society, disease and medicine from the beginning of humankind to the present. Includes the study of paleopathology (the analysis of disease found in the fossil record); how health, illness and disease are defined in a variety of societies; and how people construct cultural systems to cope with stress and illness. Not recommended for first-semester freshman, except with consent of instructor. SS/ES

**ANT 353 Indians of the Western Great Lakes** 3 cr  
Analysis of Indian cultures in the area around the western Great Lakes, with emphasis on traditional cultures of the Indians in Wisconsin. Prereq: previous anthropology course or cons. instr. SS/ES

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### Art

**ART 100 Art Introduction** 3 cr  
Fundamental principles of two and three dimensional design; projects for the non-art major. Lecture-lab. Not recommended for students planning to major in art. Lecture-lab. AP

**ART 101 Introduction to Drawing** 3 cr  
Principles of creative and structural drawing; a foundation course that explores a variety of ideas, techniques, and materials with a perceptual focus; drawing as a fine art and a basis for structure. An investigation of methods and materials. Lecture-lab. AP

**ART 102 Intermediate Drawing** 3 cr  
Principles of creative and structural drawing; a second semester foundation course that explores a variety of ideas, techniques, and materials with a perceptual focus; drawing as a fine art and a basis for structure. Studio work in drawing with a variety of materials, techniques, and ideas. An investigation of methods, materials, and mixed media possibilities. An introduction to figure drawing. The class is conceptually based with an involvement and emphasis on structure, ideas and process. Lecture-lab. Prereq: ART 101. AP

**ART 103 Drawing II** 3 cr  
Advanced drawing problems of expression and form. Emphasis on both skill and creative expression. Lecture-lab. Prereq: ART 102. AP

**ART 111 Two-Dimensional Design** 3 cr  
Investigation of the basic elements and principles of two-dimensional design; arrangement of line, value, texture, and color theory, possible computer exercises. Lecture-lab. AP

**ART 112 Three-Dimensional Design** 3 cr  
Investigation of the basic elements and principles of three-dimensional design; in the use of volume and spatial arrangement. Lecture-lab. AP

**ART 121 Introduction to Painting** 3 cr  
Basic experience in various media—may include oil, watercolor, acrylic media: a survey of studio methods. Lecture-lab. AP

**ART 122 Watercolor** 3 cr  
Exploration of aqueous media; aspects of traditional and contemporary procedures. Lecture-lab. AP

**ART 125 Oil Painting** 3 cr  
Exploration of oil media; aspects of traditional and contemporary procedures. Lecture-lab. Prereq: ART 121 or cons. instr. AP

**ART 131 Introduction to Sculpture** 3 cr  
Basic experience in three-dimensional media. A survey of materials and procedures used in sculptural processes. Lecture-lab. Prereq: ART 112 recommended. AP

**ART 141 Introduction to Printmaking** 3 cr  
Exploration of the graphic media. May include relief, intaglio, serigraphy, lithography. Lecture-lab. AP

**ART 154 Introduction to Ceramics** 3 cr  
Exploration of materials and processes; hand and wheel forming; glazing, firing and kiln management. Lecture-lab. Prereq: ART 112 recommended. AP

**ART 161 Introduction to Photography** 3 cr  
Black and white still photography: the camera, the negative, the print. Lecture-lab. AP

**Art 175 Worlds of Art—Images/Objects/Ideas** 3 cr  
An introduction to the visual arts, intended for the non-art major, which emphasizes cross-cultural perspectives—specifically the impact race and ethnicity have on artistic production, art criticism, art philosophies and aesthetics among the five major ethnic groups in the United States—Mesoamerican, Native American, West African, Asian, and Western European. Field trips may be required. FA/ES

**ART 180 The Artist and Visual Arts** 3 cr  
Cultural history as it is discerned through the investigation of the artist and the work of art. Lecture. FA





## ASTRONOMY - BIOLOGICAL SCIENCES

### **AST 106 Stars, Galaxies, and the Universe** 3-4 cr

Contemporary understanding of the stellar systems; historical development; light, gravity, atoms and nuclei; astronomical instruments; properties and life cycles of the Sun and stars; black holes; the Milky Way and other galaxies; cosmology. May be offered for three credits without laboratory work, or for four credits with laboratory work consisting of telescopic observation, laboratory demonstration and/or astronomy exercises. Students may not receive credit for both AST 100 and 106. NS/LS

### **AST 200 General Astronomy** 4 cr

Survey of astronomy for students who have some background in mathematics and physics; the solar system, stars, nebulae, galaxies, cosmology, astronomical methods. Telescopic observation, laboratory demonstration and astronomy exercises; three hours lecture, two hours lab-discussion per week. Not open to students who have taken AST 100. Prereq: PHY 141, PHY 201 or equivalent. NS/LS

### **AST 291 Topics in Astronomy** 1-3 cr

An extended coverage of one or more topics in astronomy such as extra-terrestrial life, archaeoastronomy, cosmology, astrophysics, radio astronomy, stellar structure, dynamical astronomy, galactic structure and observational astronomy. Prereq: cons. instr.\*

### **AST 299 Independent Study in Astronomy** 1-3 cr

Independent study under the supervision of an instructor. The work may, for example, consist of advanced laboratory investigation into a particular topic or library research and writing of a paper on some subject of interest. Prereq: cons. instr.\*

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## Biological Sciences

### **Bacteriology**

#### **BAC 101 General Survey of Microbiology** 4-5 cr

Survey of micro-organisms and their activities; emphasis on structure, taxonomy, function, ecology, nutrition, physiology, pathology and genetics. Survey of applied microbiology: agricultural, medical, industrial, environmental and food. The laboratory is an introduction to standard techniques and procedures in general microbiology. Lecture, lab, and may also include demonstrations, discussion and field trips. Prereq: introductory CHE, BIO courses recommended. NS/LS.

#### **BAC 299 Reading and Research in Microbiology** 1-3 cr

(Same as BOT/ZOO 299.) Supervised undergraduate reading and research in biological sciences. This course is designed to acquaint the undergraduate with the literature and research techniques used in biological investigation and to give practical experience in scientific problem-solving. Prereq: cons. instr. \*

#### **BAC 303 Prokaryotic Microbiology** 3 cr

Basic biology of prokaryotic microorganisms, including structure, function, physiology, genetics and ecology of bacteria. Required of Bacteriology majors and recommended for students majoring in basic biological sciences. Students may not receive credit for both BAC 101 and 303. Possible field trip(s). Prereq: Previous course in biology and completion of or concurrent registration in CHE 343. NS

#### **BAC 304 Prokaryotic Microbiology Laboratory** 2 cr

The laboratory is an introduction to standard techniques and procedures in microbiology. This is the companion lab to BAC 303. Students may not receive credit for both BAC 101 and 304. Possible field trip(s). Prereq: Previous course in biology and completion of or concurrent registration in CHE 343. NS/LS

### **Biology**

#### **BIO 103 Human Environmental Biology** 3-4 cr

A contemporary study of the natural world through the human perspective. Emphasis on humans as a modifying force in the biophysical environment, including selected topics in ecological principles, pollution, population biology and environmental management. This course meets the statutory requirement for Conservation of Natural Resources required for State certification for teachers of science and social sciences. Lecture, lab, and may also include demonstrations, discussion and field trips. NS/LS

#### **BIO 107 Biological Aspects of Conservation of Natural Resources** 3 cr

The principles underlying the proper management of our resources—water, soils, minerals, forests, wildlife and human. The current and past attitudes relating to the resources with the interaction and complexities of humans' interests. This meets the statutory requirement for Conservation of Natural Resources required for State certification for teachers of science and social sciences. Lecture and may also include demonstrations, discussion and field trips. NS

#### **BIO 109 Concepts of Biology** 5 cr

An introduction to the fundamental principles of living organisms. Includes cell and tissue structure, growth, basic physiological processes, reproduction and inheritance, classification, evolution and ecology. Lecture, lab, and may also include demonstrations, discussion and field trips. NS/LS

#### **BIO 160 Heredity** 3 cr

Principles of heredity with applications to plant, animal and human inheritance; current advances in genetics and their bearing on the life sciences. Lecture and may also include demonstrations, discussion and field trips. NS

#### **BIO 250 Principles of Ecology** 4 cr

The interrelationships between living organisms and their environment, ecosystems concepts, population dynamics, community organization and distribution, and application of ecological principles to humans and their environment. Lecture, lab, and may also include demonstrations, discussion and field trips. Prereq: introductory BIO course. NS/LS

#### **BIO 260 Genetics** 3-4 cr

Laws of variation and heredity and their modification by environment, genetic engineering and chromosome behavior with emphasis on human genetics. Lecture, lab, and may also include demonstrations, discussion and field trips. Prereq: introductory BIO course. NS/LS



## BIOLOGICAL SCIENCES

### Botany

#### **BOT 100 Survey of Botany** 3 cr

Structure, functions, life histories, taxonomy and evolution of representative plants throughout the plant kingdom. Lecture, lab, and may also include demonstrations, discussion and field trips. NS/LS

#### **BOT 130 General Botany** 5 cr

An introduction to plant sciences including the structure, development, physiology and genetics of plants. The relation of the major plant groups and the principles of biology. Lecture, lab, and may also include demonstrations, discussion and field trips. NS/LS

#### **BOT 202 Dendrology** 3 cr

Identification, classification and economic importance of evergreen and deciduous woody plants, both native and exotic species, stressing characteristics of leaf, fruit, twig, bark and wood structure. Lecture, lab, and may also include demonstrations, discussion and field trips. No prerequisite; however, a course in general botany is recommended. NS/LS

#### **BOT 240 Plants and Civilization** 2 cr

The study of plants from an historical and geographical perspective, and how plants are used in the modern world as a source of food, drugs and other materials. Lecture and may also include demonstrations, discussion and field trips. NS

#### **BOT 291 Special Topics in Botany** 1-3 cr

(Same as ZOO 291.) Designed to cover topics in biology not ordinarily covered in other classes. Prereq: cons. instr. \*

#### **BOT 299 Reading and Research in Botany** 1-3 cr

(Same as BAC/ZOO 299.) Supervised undergraduate reading and research in biological sciences. This course is designed to acquaint the undergraduate with the literature and research techniques used in biological investigation and to give practical experience in scientific problem-solving. Prereq: cons. instr. \*

### Natural Resources

#### **NAT 250 Introduction to Fish, Forest and Wildlife Resources** 4 cr

An integrated introduction to the theoretical and applied aspects of the management of our biotic resources. This course will stress sustainable management and ecosystem integrity using contemporary conservation issues and local examples. Prereq: ZOO 101, BOT 130, BIO 109, or cons. instr. NS/LS

### Physiology

#### **PHS 170 Human Anatomy and Physiology** 3 cr

(Same as ZOO 170.) This is a basic course which introduces the nonbiology major to the study of how the human body is organized. Through lecture and laboratory, the student studies the major organ systems of the human body and how its structure relates to function. Lecture, lab, and may also include demonstrations, discussion and field trips. NS/LS

#### **PHS 202 Anatomy and Physiology** 4 cr

An examination of the structure and function of the human body at the molecular, cellular, tissue, organ and system levels of organization. The integration of these levels of organization within the human organism is emphasized. This is the first semester of a two-semester sequence. Students with credit in PHS 202 and PHS 203 may not receive associate degree credit for PHS 235 and ZOO 234. Lecture, lab, and may also include demonstrations, discussion and field trips. PHS 202 and PHS 203 may be taken concurrently. NS/LS

#### **PHS 203 Anatomy and Physiology** 4 cr

An examination of the structure and function of the human body at the molecular, cellular, tissue, organ and system levels of organization. The integration of these levels of organization within the human organism is emphasized. This is the second semester of a two-semester sequence. Students with credit in PHS 202 and PHS 203 may not receive associate degree credit for PHS 235 and ZOO 234. Lecture, lab, and may also include demonstrations, discussion and field trips. Prereq: Physiology 202 or concurrent enrollment. NS/LS

#### **PHS 230 Human Anatomy and Physiology** 5 cr

A study of the fundamental principles of human structure and function with applications to health and disease. The course will explore all organ systems of the human body at various levels of organization from the cellular and subcellular to the organ system level. Lecture, lab, and may also include demonstrations, discussion and field trips. Prereq: ZOO 101 or equivalent; introductory chemistry recommended. NS/LS

#### **PHS 235 Human Physiology** 5 cr

An examination of the physiological processes of the human body. Students with credit in PHS 235 and ZOO 234 may not receive associate degree credit for PHS 202 and PHS 203. Lecture, lab, and may also include demonstrations, discussion and field trips. Prereq: introductory courses in CHE and BIO or cons. instr. NS/LS

#### **PHS 250 Updates in Biochemistry, Human Physiology and Microbiology** 5 cr

For nursing consortium only. This course is a review and recent update of concepts in biochemistry, human physiology and microbiology, designed for practical nurses or nursing assistants who plan to enter a BSN program. This course utilizes an extensive review packet of basic concepts in biochemistry, physiology and microbiology which must be completed by the student prior to and during the course. Lecture only, audiographics class. Prereq: CNA, LPN or other clinical certification or license required.

### Wildlife

#### **WIL 140 Introduction to Wildlife Resources** 3 cr

(Same as ZOO 140.) Wildlife resources of the United States; the importance of wildlife to our past and present economic and cultural life and selected problems in wildlife conservation. Lecture, lab, and may also include demonstrations, discussion and field trips. Prereq: introductory BIO course. NS/LS

## BIOLOGICAL SCIENCES - BUSINESS

### Zoology

#### ZOO 101 Animal Biology 5 cr

General biological principles—structure and function of cells, histology, embryology, heredity, ecology and evolution; survey of the animal kingdom; and structure and function of the vertebrate body. Lecture, lab, and may also include demonstrations, discussion and field trips. NS/LS

#### ZOO 105 Introduction to Human Biology 3 cr

Introduction to the development, nature and processes of human adaptability. Lecture and may also include demonstrations, discussion and field trips. NS

#### ZOO 140 Introduction to Wildlife Resources 3 cr

(Same as WIL 140.) Wildlife resources of the United States; the importance of wildlife to our past and present economic and cultural life and selected problems in wildlife conservation. Lecture, lab, and may also include demonstrations, discussion and field trips. Prereq: Introductory BIO course. NS/LS

#### ZOO 155 Biology of Human Sexuality and Reproduction 3 cr

This course focuses on the biological aspects of human sexuality and reproduction. In addition, the following topics will be discussed from a biological perspective: birth control, sexually transmitted diseases, birth defects, abortion, differences between the sexes and the manipulation of the human reproductive process by science. Lecture and may also include demonstrations, discussion and field trips. NS

#### ZOO 170 Human Anatomy and Physiology 3 cr

(Same as PHS 170.) This is a basic course which introduces the nonbiology major to the study of how the human body is organized. Through lecture and laboratory, the student studies the major organ systems of the human body and how its structure relates to function. Lecture, lab, and may also include demonstrations, discussion and field trips. NS/LS

#### ZOO 234 Human Anatomy 3 cr

A study of the fundamental structure and organization of the organs and systems of the human body. Lecture, lab, and may also include demonstrations, discussion and field trips. Students with credit in ZOO 234 and PHS 235 may not receive associate degree credit for PHS 202 and 203. Prereq: BIO course or cons. instr. NS/LS

#### ZOO 237 Vertebrate Biology 4 cr

An introduction to the study of vertebrate animals considering their structure, evolution, ecology and special adaptation. Lecture, lab, and may also include demonstrations, discussion and field trips. Prereq: introductory BIO course. NS/LS

#### ZOO 277 Ornithology 3 cr

A course which introduces the student to the biology of birds and the methods of modern field studies, identification, life histories, ecology and behavior of birds, with emphasis on local species. Lecture, lab, and may also include demonstrations, discussion and field trips. Prereq: introductory BIO course. NS/LS

#### ZOO 291 Special Topics in Zoology 1-3 cr

(Same as BOT 291.) Designed to cover topics in biology not ordinarily covered in other classes. Prereq: cons. instr. \*

#### ZOO 299 Reading and Research in Zoology 1-3 cr

(Same as BAC/BOT 299.) Supervised undergraduate reading and research in biological sciences. This course is designed to acquaint the undergraduate with the literature and research techniques used in biological investigation and to give practical experience in scientific problem-solving. Prereq: cons. instr. \*

#### ZOO 315 Conservation of Aquatic Resources: Limnology 2 cr

General limnology; study of lake and stream communities and their conservation. Lecture and may also include demonstrations, discussion and field trips. Prereq: introductory BIO course. NS

#### ZOO 316 Laboratory Conservation of Aquatic Resources: Limnology 2 cr

Biological, physical and chemical characteristics and their interrelationships in Wisconsin lakes and streams. Lab and field trips. Prereq: ZOO 315 or concurrent registration. NS/LS

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## Business

#### BUS 101 Introduction to Business 3 cr

Introduction to the role of business in the modern political, social and economic environments; describes career opportunities. EL

#### BUS 110 Personal Finance 3 cr

A study of personal financial management. Examines the financial problems and consequent financial decisions required of individuals in our economy. Subjects covered are applications in family budgeting, consumer buying decisions, borrowing, insurance, personal real estate, income taxation, investments and estate planning. AP

#### BUS 194 Career and Life Planning 2 cr

This course will enable students to develop career goals and lay out a path for achieving these goals. Students will examine their personal interests, aptitudes, values, decision-making skills, academic plans and career awareness. This personal, educational and occupational information will then be organized and translated into an individualized course of action. Integration of career goals with current and future college course work will be stressed. AP

#### BUS 201 Introductory Accounting 4 cr

Fundamental principles, terminology, techniques and applications; books, accounts and financial statements for retailing and wholesaling concerns; treatment and presentation of proprietorship, partnership and corporate accounts. Prereq: open to second semester freshmen or cons. instr. AP

#### BUS 202 Intermediate Accounting 4 cr

Accounting theory principles, concepts and procedures and their applications as applied to balance sheet and income statement accounts, presentation and interpretation of financial statements; problems of terminology, valuation and analysis are included. Prereq: BUS 201. AP

#### BUS 204 Managerial Accounting 3 cr

Interpretation and application of accounting reports by management in planning, coordinating and controlling business activities; presentation, analysis and interpretation of financial data; internal control and reports to management; cost-volume profit relationships, budgets, costs and managerial decision making. Prereq: BUS 201. AP

## BUSINESS - CHEMISTRY

<p><b>BUS 210 Business Communication</b> 3 cr (Same as ENG 210.) Study and practice of the techniques of achieving clarity, brevity and effectiveness in business communication. Planning, preparation, critiquing of business letters, memoranda, short and long reports, resumés, manuals of procedure and oral reports. Prereq: ENG 102. AP</p>	<p><b>CHE 123 Chemistry and Society</b> 3 cr A qualitative, non-mathematical course in chemistry for non-scientists focusing on environmental and consumer chemistry. 3 hrs. lecture/discussion. Not a suitable prerequisite for professional chemistry courses. (A student may not earn more than four credits by taking CHE 123 and CHE 124.) NS</p>
<p><b>BUS 227 Multicultural Business</b> 3 cr (Same as AIS 227) Examines business topics requiring an understanding of culture. Includes cultural diversity in the workplace and the experiences of minorities in business. SS/ES</p>	<p><b>CHE 124 Natural Science Chemistry</b> 4 cr Non-mathematical look at our chemical world of drugs, pollutants, household chemicals, food additives, etc. Lectures and laboratories. Not a suitable prerequisite for professional chemistry courses. (A student may not earn more than four credits by taking CHE 123 and CHE 124.) NS/LS</p>
<p><b>BUS 230 Introduction to Management Information Systems</b> 3 cr An introductory course designed to provide students with fundamental knowledge of management information systems and their concepts including the use of information systems for management decision-making and the impact of information systems on management. Topics may vary as technology changes but the students will learn the tools of productivity (i.e. Excel) such as electronic spreadsheet, data base, and graphics. Prereq: Second semester freshman or cons. instr. AP</p>	<p><b>CHE 125 Introductory Chemistry</b> 5 cr A one semester introductory course in college chemistry including an introduction to organic chemistry. Consists of lectures, discussions and laboratories. Primarily for students whose programs require only CHE 125 or CHE 125-203 combination. Students may not count both CHE 125 and CHE 145 toward the natural science or laboratory science requirement for the associate degree. NS/LS</p>
<p><b>BUS 242 Business Ethics</b> 3 cr (Same as PHI 243.) Critical discussion of ethical reasoning and moral values in business and industry; includes relevant case studies and readings. HU</p>	<p><b>CHE 145 General Chemistry</b> 5 cr The first semester of a one-year course in college chemistry. Consists of lectures, discussions and laboratories. For students whose programs require a year of college chemistry or who plan to take advanced courses in chemistry. Students may not count both CHE 125 and CHE 145 toward the natural science or laboratory science requirement for the associate degree. Prereq: demonstrated competency at MAT 110 level or concurrent MAT 110 registration. NS/LS</p>
<p><b>BUS 243 Economics and Business Statistics</b> 3 cr (Same as ECO 243.) Elementary theory and techniques, probability and normal distribution, hypothesis testing, analysis and interpretation of economic and business data, index numbers, regression and time series analysis and Chi squares. Prereq: MAT 110 or MAT 210 or MAT 211 or concurrent registration in MAT 211. MS</p>	<p><b>CHE 155 General Chemistry</b> 5 cr Continuation of CHE 145. Consists of lectures, discussions and laboratories. Prereq: A grade of C- or better in CHE 145 or cons. instr. NS/LS</p>
<p><b>BUS 244 Introduction to International Business</b> 3 cr This course focuses on the study of how businesses conduct their operations in the global economy. The political, legal, cultural, social and economic challenges confronting businesses in international markets will be examined. Topics covered include trade strategies, international business operations, international trade and financial theory and policy, foreign exchange markets and the theory of multinational enterprises. Prereq: An Economics course or cons. instr. SS</p>	<p><b>CHE 203 Survey of Biochemistry</b> 3 cr An elementary course in the chemical makeup and metabolic processes of living organisms. For non-science majors. Three hours of lectures per week. Together CHE 125 and CHE 203 constitute a year course with emphasis on organic and biological chemistry for non-science majors. Prereq: A grade of C- or better in CHE 125 or (C- or better in CHE 145 with cons. instr.) or cons. instr. NS (if taken alone)/LS (if combined with 211)</p>
<p><b>BUS 297 Special Topics</b> 1-3 cr Prereq: cons. instr. *</p>	<p><b>CHE 211 Biochemistry Laboratory</b> 1 cr Laboratory to accompany CHE 203. Three hours of laboratory per week. This course is highly recommended for degree nursing students. Prereq: CHE 203 or concurrent registration. NS/LS</p>
<p><b>BUS 299 Independent Studies</b> 1-3 cr Prereq: cons. instr. *</p>	<p><b>CHE 214 Physiological Chemistry</b> 3 cr Lectures and demonstrations on elementary aspects of organic and physiological chemistry; provided for students who have not had organic chemistry. For students interested in physical therapy. Prereq: A grade of C- or better in CHE 125 or (C- or better in CHE 145 with cons. instr.) or cons. instr. NS</p>
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<p><b>Chemistry</b></p> <p><b>CHE 112 Foundations of Chemistry</b> 2 cr Designed to prepare students with limited science backgrounds for success in CHE 125 or the CHE 145/155 sequence. Emphasizes fundamental chemical concepts, chemical nomenclature and problem-solving skills. Two hours lecture/discussion. EL</p>	<p><b>CHE 244 Quantitative Analysis</b> 4 cr A course in the fundamentals of quantitative analysis. Two hours of lecture-discussion and six to eight hours of laboratory per week. Prereq: A grade of C- or better in CHE 155 or cons. instr. NS/LS</p>

## CHEMISTRY - COMMUNICATION AND THEATRE ARTS

<b>CHE 290 Special Topics in Chemistry</b>	<b>1-5 cr</b>	<b>COM 130 Introduction to Theatre</b>	<b>3 cr</b>
Prereq: cons. instr. *		A study of the development of theatre as an art form. Emphasis is on the role of the audience and the understanding and appreciation of the nature of theatre, important plays, dramatic styles and elements of a theatrical production. FA	
<b>CHE 299 Independent Study in Chemistry</b>	<b>1-3 cr</b>	<b>COM 131 Theatre Laboratory</b>	<b>1 cr</b>
Prereq: cons. instr. *		Participation in theatrical production activities including directing, stage management, technical production, lighting, stage design, costuming, make-up, acting and theatre management. It is possible to register in more than one section with cons. instr.	
<b>CHE 343 Introductory Organic Chemistry</b>	<b>3 cr</b>	<b>Sect. 1: Acting 1 cr. AP</b>	
The first semester of a year course in organic chemistry. Three hours of lecture per week. Prereq: A grade of C- or better in CHE 155 or cons. instr. NS (if combined with CHE 352)/LS		<b>Sect. 2: Technical production 1 cr. AP</b>	
<b>CHE 351 Introductory Organic Chemistry Laboratory Part I</b>	<b>1 cr</b>	<b>Sect. 3: Theatre management 1 cr. AP</b>	
Three to four hours of laboratory per week. Prereq: CHE 343 or concurrent registration or cons. instr. NS/LS		<b>COM 150 Introduction to Film</b>	<b>3 cr</b>
<b>CHE 352 Introductory Organic Chemistry Laboratory</b>	<b>2 cr</b>	Study of the nature and development of film as a distinctive medium of communication and as an art form. FA	
Six to eight hours of laboratory per week. Prereq: A grade of C- or better in CHE 343 or concurrent registration or cons. instr. NS/LS		<b>COM 160 Communication and Human Behavior</b>	<b>3 cr</b>
<b>CHE 361 Introductory Organic Chemistry Laboratory Part II</b>	<b>1 cr</b>	An examination of the diverse theories and research in fundamental concepts, problems and effects of human communication behavior. Prereq: COM 101. SS	
Three to four hours of laboratory per week. Prereq: A grade of C- or better in CHE 351 or cons. instr. NS/LS		<b>COM 201 Introduction to Mass Communication</b>	<b>3 cr</b>
<b>CHE 363 Intermediate Organic Chemistry</b>	<b>3 cr</b>	A survey course examining print, electronic and persuasive media from an historical perspective. Topics discussed include newspapers, magazines, books, radio, television, film, public relations and advertising. SS	
Continuation of Chemistry 343. Three hours of lecture per week. Prereq: A grade of C- or better in CHE 343 or cons. instr. NS		<b>COM 203 News and Informational Writing</b>	<b>3 cr</b>
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<b>Communication and Theatre Arts</b>			
<b>COM 101 Introduction to Interpersonal Communication</b>	<b>3 cr</b>	<b>COM 204 News Reporting</b>	<b>3 cr</b>
A course aimed at introducing communication theory, increasing the student's awareness of communication with others in one-on-one situations, and improving personal communication skills. Topics studied include perception, listening, nonverbal communication, language, and conflict management. AP		Emphasis on the gathering of news and interviewing. Field work in the community. Typing proficiency recommended and the satisfactory completion of English 101 or equivalent documentation of language skills. AP	
<b>COM 103 Introduction to Public Speaking</b>	<b>3 cr</b>	<b>COM 210 Introduction to Intercultural Communication</b>	<b>3 cr</b>
Study of the principles and techniques of effective speaking and listening in a variety of selected communication experiences. AP		An overview of how people communicate with people from other cultures. Communication behavior (both verbal and nonverbal) will be examined to determine their role in other cultures. Students will learn to communicate more competently with people from other cultures and ethnic groups. SS/ES	
<b>COM 104 Applied Journalism—Newspaper</b>	<b>1-3 cr</b>	<b>COM 218 Popular Culture in the Media</b>	<b>3 cr</b>
Practical application of the principles of writing, editing, photography and production of materials for campus publications. It is possible to register in more than one section with cons. instr.		An introduction to the analysis and interpretation of Popular Culture as an academic discipline. The class will examine forms of advertisement and entertainment including print and TV ads, films, television, music, and music videos. HU	
<b>Sect 1: News Writing 1 cr. AP</b>		<b>COM 220 Introduction to Radio Broadcasting</b>	<b>3 cr</b>
<b>Sect 2: Photo Journalism 1 cr. AP</b>		A study of the principles and practices of contemporary radio production and programming, including laboratory work. AP	
<b>Sect 3: Desktop Publishing 1 cr. AP</b>		<b>COM 221 Introduction to Television Broadcasting</b>	<b>3 cr</b>
<b>COM 105 Applied Journalism—Radio</b>	<b>1 cr</b>	The study of the principles and practices of contemporary television production and programming, including laboratory work. AP	
Practical application of the principles of writing, editing and producing materials and/or presenting materials on the radio. AP			
<b>COM 106 Applied Journalism—Television</b>	<b>1 cr</b>		
Practical application of the principles of writing, editing, videotaping and producing materials for and/or presenting materials on television. AP			
<b>COM 110 Listening</b>	<b>2-3 cr</b>		
An introduction to the theories, research, behaviors and skills associated with the process of listening. Application of content material will be explored and analyzed through classroom exercises and evaluations. AP			



# COMMUNICATION AND THEATRE ARTS - COMPUTER SCIENCE

## COM 230 Literature and Performance 3 cr

A course aimed at increasing the student's ability to understand and appreciate literature through oral performance. The student will critically analyze and perform literary materials individually and/or in groups. HU

## COM 232 Introduction to Acting 3 cr

Exploration of the fundamentals of acting through exercises and improvisations designed to enhance presentation of self and to promote concentration, observation, imagination and sensory responsiveness. AP

## COM 234 Introduction to Stagecraft 3 cr

Theories and techniques of stagecraft, such as set design and construction, scene painting, stage lighting, costuming and make-up. AP

## COM 266 Group Discussion 3 cr

Study of the structure and dynamics of small groups. Topics include decision making, group behaviors, critical thinking, problem solving and leadership in group interaction processes. SS

## COM 298 Topics in Speech and Dramatic Arts 1-3 cr

The nature and subject of this course will be announced in the timetable. Prereq: may be determined by instructor. \*

## COM 299 Independent Studies 1-3 cr

Readings, reports, papers or projects to be determined by the individual instructor. Prereq: introductory COM course and cons. instr. \*

## COM 349 Children's Theatre Production 3 cr

Methods of directing, designing and producing plays for the child audience. Examination of scripts and study of techniques in adapting children's literature for the stage. AP

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## Computer Science

*NOTE: Consult with the transfer institution or the Transfer Information System (TIS) to determine the combination of one credit modules which will transfer optimally.*

*NOTE: Computer Science and Engineering major courses start at the 200 level.*

## CPS 100 Computers and Society 1-3 cr

Study of the functions of computers, their applications and the resultant social changes, both desirable and undesirable. Consideration of the value systems that are threatened as computer technology continues to expand. No programming required. EL

## CPS 101 Computer Orientation 1 cr

An introduction to the campus computing set-up. Emphasis on what computers can do; using computers rather than programming them. EL

## CPS 103 Computer Fundamentals I 1 cr

An overview of computers, what they are and how they work. Typical topics include history, hardware, programming languages and operating systems, application software, communications, career opportunities and ethical issues. Also included is an introduction to the campus computing network. Students may not receive credit for both CPS 103 and CPS 110. EL

## CPS 104 Computer Fundamentals II 1 cr

A continuation of CPS 103 with increased emphasis on advanced concepts. Typical topics include systems analysis/design/implementation, system security, MIS/decision support systems, computer applications in business and industry, structured design and programming, artificial intelligence, advanced application and future computer systems. Prereq: CPS 103. EL

## CPS 105 Computer Applications 1 cr

Principles and use of computer applications including word processors, spreadsheets and data bases. May also cover other applications such as telecommunications, graphics, statistics, simulations or CAI. Does not include teaching of programming. Course may not be taken more than once for degree credit. Students may not receive credit for both CPS 105 and any of CPS 106, CPS 107, CPS 108. AP

## CPS 106 Word Processing and Presentation Concepts 1 cr

Text entry, editing, manipulation and presentation. Covers typical as well as many advanced features of word processing and presentation software. This course involves extensive hands-on experience. Students may not receive credit for both CPS 106 and CPS 105. AP

## CPS 107 Spreadsheet Concepts 1 cr

Typical features and application of electronic spreadsheets. This course involves extensive hands-on experience. Students may not receive credit for both CPS 107 and CPS 105. AP

## CPS 108 Database Concepts 1 cr

Creation of data files and data manipulation (editing, sorting, deleting, etc.). Report definition and generation. Accessing and searching of remote data bases. Includes extensive hands-on experience. Students may not receive credit for both CPS 108 and CPS 105. AP

## CPS 109 Internet Applications 1 cr

Locating and evaluating information using internet services such as electronic mail, the World Wide Web, file transfer and on-line interest groups. Current social and ethical issues. Web page creation. Includes extensive hands-on experience. AP

## CPS 110 Introduction to Computer Science (BASIC) 3 cr

How computers work, communicating with computers, areas of application and significance, simple Algebraic Language programming, elementary data processing and problem solving. Instruction and significant experience in BASIC. Prereq: intermediate high school mathematics or equivalent. Students may not receive credit for both CPS 110 and either of CPS 103 or CPS 130. EL

## CPS 130 Introduction to Programming (BASIC) 1-2 cr

The basics of programming in BASIC for beginners. Introductory information on editing, program structure, data types, input, output, calculating, looping and selection. Short programs will be written and tested on a computer. Students may not receive credit for both CPS 130 and CPS 110. EL



## COMPUTER SCIENCE - EDUCATION

### **CPS 216 Problem Solving and Programming Techniques in C++** 4 cr

Program design using both modular and object-oriented methods. Topics covered to include stream I/O, recursion, multi-dimensional arrays, sorting and searching, pointers and dynamic memory allocation, classes and abstract data types, and operator overloading. Prereq: advanced high school mathematics or equivalent, or previous programming experience, or consent of instructor. Student may not receive credit for both CPS 216 and CPS 256. MS

### **CPS 217 Computer Science I** 4 cr

Object-oriented problem solving and program design. Topics covered include objects and class definitions, methods, control structures, inheritance, string and array processing and recursion. The course will be subtitled with the programming language used in instructions and features specific to that language will also be included. Prereq: Advanced high school math or equivalent and previous programming experience, or consent of instructor. MS

### **CPS 256 C++ as a Second Language** 2-3 cr

Program design using both procedural- and object-oriented paradigms in C++ for students who have significant experience with a previous language. Includes a review of basic structured program techniques in the context of C++. Topics also include multi-dimensional arrays, pointers and dynamic memory allocation, class creation, operator overloading, inheritance and object oriented design. Prereq: 2 credits of a 200-level programming course other than C++ or cons. instr. Students may not receive credit for both CPS 256 and CPS 216. MS

### **CPS 260 Programming in Assembly Language** 3 cr

An introduction to microcomputer assembly language programming and architecture for students with previous exposure to a high level language. Topics typically include machine instruction sets, interrupts, boolean logic, binary coding of numeric and alphanumeric data, arrays and input/output. Optional topics may include file access, macros, graphics and mixed language programming. Prereq: 2 credits of programming in a high level language or cons. instr. MS

### **CPS 270 Data Structures** 3 cr

An introduction to the data structures used for representing information involved in problem solving. Topics covered include stacks, queues, linked lists, trees, graphs, searching, sorting, hash tables and dynamic storage allocation. Prereq: MAT 110 or equivalent and CPS 216 or CPS 217. AP

### **CPS 291 Special Topics** 1-3 cr

In-depth treatment of subjects introduced in other CPS courses. Choice of topics depends on student interest, staff and equipment availability. Typical topics include file handling, operating systems, social implications, simulation, management tools, specialized languages, current technology, numerical methods, artificial intelligence and digital logic. Prereq: cons. instr.\*

### **CPS 299 Independent Study in Computer Science** 1-3 cr

Prereq: cons. instr.\*

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## Economics

### **ECO 101 Introduction to Economics** 3 cr

A study of economic systems and their interdependence in the global economy, with emphasis on problems and policies. Among the subjects included are competitive and non-competitive markets, gross domestic product determination and policy, the U.S. financial system and global trade. SS

### **ECO 203 Economics–Macro** 3 cr

The emphasis of the course is on macro analysis and covers areas such as national income, commercial banking, business fluctuations, monetary and fiscal policies and economic growth. Designed for students who desire a basic one-year course (with ECO 204) in economics. Prereq: MAT 105 and ENG 101 or cons. instr. recommended. SS

### **ECO 204 Economics–Micro** 3 cr

Emphasizes the micro economic approach concerning households, firms and market structures with a focus on price determination and distribution of income. Foreign trade and international financial institutions are included. Prereq: MAT 105 and ENG 101 or cons. instr. recommended. SS

### **ECO 230 Money and Banking** 3 cr

A study of the structure and operations of the commercial banking system and other financial institutions, central banking and monetary policy, monetary systems and their developments; theories of money, income and prices and their economic effect on the economy, impact of fiscal policy and international finance on monetary policy. Prereq: ECO 203 or cons. instr. SS

### **ECO 243 Economics and Business Statistics** 3 cr

(Same as BUS 243) Elementary theory and techniques, probability and normal distribution, hypothesis testing, analysis and interpretation of economic and business data, index numbers, regression and time series analysis and Chi squares. Prereq: MAT 110 or MAT 210 or MAT 211 or concurrent registration in MAT 211. MS

### **ECO 250 Government and Business** 3 cr

A survey of government activities affecting business: legal and economic problems in the control of competitive practices, regulation of business, public expenditures and subsidies, and public enterprise. Stresses government regulation of business and anti-trust policies. Prereq: ECO 204. SS

### **ECO 297 Special Topics** 1-3 cr

Prereq: cons. instr. \*

### **ECO 299 Independent Studies** 1-3 cr

Prereq: cons. instr. \*

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## Education

### **EDU 201 Concepts, Issues and Field Experience in Education** 3 cr

Classroom discussion (two hours per week) of educational principles, concepts and issues related to student-teacher-school-community interactions, including developmental aspects, sociocultural influences and human relations. Off-campus experience involving active participation in the program at an educational institution (four hours per week of off-campus experience will usually be required, but number may vary with current DPI and 4-year campus requirements.) AP

## EDUCATION - ENGLISH AND LITERATURE

**EDU 300 The Exceptional Individual** 3 cr  
The definition, classification and etiology of conditions creating special education needs. Topics include intellectually retarded, gifted, emotionally disturbed, and the speech, auditorily, visually, orthopedically and neurologically impaired. Prereq: PSY 201 or PSY 202 (grade of C- or better or cons. instr.); PSY 360 recommended. SS

**EDU 330 Educational Psychology** 3-4 cr  
A study of the developmental process in children in the context of psychological principles of teaching and learning. Emphasis will be placed on understanding the social, emotional, physical, and intellectual development of children and adolescents. Attention will be directed toward the nature and conditions of learning, including the major types of learning, critical aspects of learning and the problems encountered in fostering and directing learning. Prereq: PSY 201 or PSY 202 (grade of C- or better or cons. instr.). SS

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### Engineering/Graphics/Mechanics

**EGR 100 Engineering Freshman Orientation** 1 cr  
Discussion of what is actually done by engineers in the various fields. Also covers professional ethics, responsibilities to society, environmental technology assessment and professional registration. May be taken by non-engineering majors. EL

**EGR 106 Technical Communications** 3 cr  
This course will cover graphical, oral and written presentations. The course would be useful to any discipline requiring report writing or data analysis. AP

**EGR 282 Engineering Economics** 3 cr  
Economic and financial factors in the engineering environment to be considered in managerial decision making. Emphasizes the time value of money, present worth analysis, uniform series, rate of return, benefit cost ratios, depreciation, income taxes, inflation. Prereq: MAT 110. EL

**GRA 102 Elements of Descriptive Geometry** 3 cr  
Orthographic projection and its application to the analysis and solution of three-dimensional problems involving points, lines, planes and solids; axonometric projections for pictorial representation with engineering applications; computer-aided drafting. Prereq: intermediate MAT or cons. instr. AP

**GRA 113 Introduction to Design Methods and General Engineering Graphics** 3 cr  
Methodology of developing product and system solutions to design problems. Emphasis on techniques of problem identification, ideation, optimization, implementation and technical communication. Application of methodology to individual or group design project. Advanced principles of projection and graphical analysis, sectional views, dimensioning, assembly drawings, mechanisms, graphs and topography; computer-aided design/drafting, modeling methods. AP

**MEC 201 Statics** 3 cr  
Principles of mechanics, force systems, equilibrium, structures, distributed forces, moments of inertia of areas, and friction. The course will serve the requirements of the several engineering curricula. Prereq: MAT 221. NS

**MEC 202 Dynamics** 3 cr  
Kinematics, force-mass-acceleration relations, work and energy, impulse and momentum and moments of inertia of mass. This course will serve the requirements of the several engineering curricula. Prereq: MEC 201, MAT 222. NS

**MEC 203 Strength of Materials** 3-5 cr  
Stress and strain, torsion, bending of beams, compound stresses, principal stresses, deflections of beams, statically indeterminate members, columns, elastic buckling, fatigue, creep, impact and concrete properties. Lab required if taken for 5 credits. Prereq: MEC 201. NS

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### English and Literature

**ENG 101 Composition I** 3 cr  
A writing course that focuses on the basic techniques of composition, on the composing process with attention to drafts and revisions, and on coherence and organization of student essays. Prereq: a grade of C or better in Basics of Composition or exemption based on placement test score.

**ENG 102 Composition II** 3 cr  
A rhetoric course that focuses on writing which presents information, ideas, and arguments, with attention to the essay and techniques of documentation. Emphasis will be on academic writing which is applicable across the curriculum. Prereq: ENG 101 or exemption based on placement test score.

**ENG 201 Intermediate Composition** 3 cr  
A course devoted to the theory and practice of writing prose on a more advanced level than ENG 102: prose that is intended to inform and/or persuade. Emphasis will be placed on coherent organization, clear and forceful phrasing, logical thinking and other aspects of effective communication. Prereq: ENG 102 or exemption based on placement test score or cons. instr. AP

**ENG 202 Writing about Literature** 3 cr  
Studying and writing about various types of literature. Helps students develop the ability to write critical, analytical and explicative papers about literature. Prereq: ENG 102 or exemption based on placement test score or cons. instr. AP

**ENG 203 Creative Writing I** 3 cr  
Chiefly devoted to writing and studying one or more of the following: fiction, poetry and drama. Prereq: ENG 102 or cons. instr. AP

**ENG 204 Creative Writing II** 3 cr  
Chiefly devoted to writing and studying one or more of the following: fiction, poetry and drama. A continuation of ENG 203. Prereq: ENG 102 or cons. instr. AP

**ENG 206 Technical Writing** 3 cr  
The study and practice of the techniques of achieving brevity, clarity and fluency in technical prose with emphasis on generating reports, letters, proposals and other technical writing forms. Particularly appropriate for students in science, engineering, architecture and other applied sciences. Prereq: ENG 101 or ENG 102 or cons. instr. AP

## ENGLISH AND LITERATURE

- ENG 210 Business Communication** 3 cr  
(Same as BUS 210.) Study and practice of the techniques of achieving clarity, brevity and effectiveness in business communication. Planning, preparation, critiquing of business letters, memoranda, short and long reports, resumés, manuals of procedure and oral reports. Prereq: ENG 102 or cons. instr. AP
- ENG 242 The American Indian in Literature and Film** 3 cr  
(Same as AIS 242) This course will provide a cross-disciplinary exploration of the images of American Indians and their relevance to American society in film, literary, and historical texts. Prereq: ENG 101 or consent of instructor. HU/ES
- ENG 250 Introduction to Literature** 3 cr  
Intensive analysis of literature, including poetry, drama and fiction, using representative types from several periods of literature. Not open to students with credit in ENG 251, ENG 253 or ENG 255. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU
- ENG 251 Introduction to Dramatic Literature** 3 cr  
Intensive analysis of dramatic literature using representative types from several periods of drama. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU
- ENG 253 Introduction to Narrative Literature** 3 cr  
Intensive analysis of fiction using representative types from several periods of narrative literature. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU
- ENG 255 Introduction to Poetry** 3 cr  
Intensive analysis of poetry using representative types from several periods of poetry. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU
- ENG 260 English Literature Before 1798** 3 cr  
A study of the development of British literature before 1798 through a survey of significant poetry, drama, fiction, and/or nonfiction. Not open to students with credit in ENG 270. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU
- ENG 261 English Literature After 1798** 3 cr  
A study of the development of British literature after 1798 through a survey of significant poetry, drama, fiction, and/or nonfiction. Not open to students with credit in ENG 270. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU
- ENG 262 American Literature Before 1865** 3 cr  
A study of the development of American literature before 1865 through a survey of significant poetry, drama, fiction, and/or nonfiction. Not open to students with credit in ENG 272. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU
- ENG 263 American Literature After 1865** 3 cr  
A study of the development of American literature after 1865 through a survey of significant poetry, drama, fiction, and/or nonfiction. Not open to students with credit in ENG 272. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU
- ENG 264 The Western Tradition in Literature Before 1665** 3 cr  
Selected masterpieces of the Western tradition in literature from ancient time to the end of the seventeenth century. Not open to students with credit in ENG 274. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU
- ENG 265 The Western Tradition in Literature After 1665** 3 cr  
Selected masterpieces of the Western tradition in literature from the end of the seventeenth century to the present. Not open to students with credit in ENG 274. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU
- ENG 266 Modern Literature (Before 1945)** 3 cr  
A study of the development of modern literature through a survey of significant poetry, drama, fiction, and/or nonfiction written before 1945. Not open to students with credit in ENG 276. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU
- ENG 267 Contemporary Literature (After 1945)** 3 cr  
A study of the development of contemporary literature through a survey of significant poetry, drama, fiction, and/or nonfiction written after approximately 1945. Not open to students with credit in ENG 276. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU
- ENG 268 International Literature Before 1750** 3 cr  
A study of notable authors from a variety of regions and eras, ranging from non-Western traditions such as the Indian, Arabic, West African, Chinese, Japanese and/or Native American to Western traditions such as the Greek, Scandinavian, French, Russian, Australian, and/or Latin American. Content and focus will vary according to instructor. Not open to students with credit in ENG 273. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU
- ENG 269 International Literature After 1750** 3 cr  
A study of notable authors from a variety of regions and eras ranging from non-Western traditions such as the Indian, Arabic, West African, Chinese, Japanese and/or Native American to Western traditions such as the Greek, Scandinavian, French, Russian, Australian and/or Latin American. Content and focus will vary according to instructor. Not open to students with credit in ENG 273. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU
- ENG 270 English Literature** 3 cr  
A study of the nature of British literature through a survey of significant poetry, drama, fiction, and/or nonfiction by major British authors. Not open to students with credit in ENG 260 or 261. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU
- ENG 272 American Literature** 3 cr  
A study of the nature of American literature through a survey of significant poetry, drama, fiction, and/or nonfiction works by major American authors. Not open to students with credit in ENG 262 or 263. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU

## ENGLISH AND LITERATURE - FRENCH

### ENG 273 Studies in International Literature 3 cr

A study of notable authors from a variety of regions and eras, ranging from non-Western traditions such as the Indian, Arabic, West African, Chinese, Japanese and/or Native American to Western traditions such as the Greek, Scandinavian, French, Russian, Australian, and/or Latin American. Content and focus will vary according to instructor. Not open to students with credit in ENG 268 or ENG 269. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU

### ENG 274 The Western Tradition in Literature 3 cr

A study of selected masterpieces of the Western tradition in literature. Not open to students with credit in ENG 264 or 265. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU

### ENG 275 Twentieth Century Novels of the World 3 cr

A study of the twentieth century novel in a number of countries (usually excluding American and European novels). The course will explore the cultures of those countries as they are reflected in the novels. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU

### ENG 276 Twentieth Century Literature 3 cr

A study of the nature of twentieth century literature through a survey of significant poetry, drama, fiction, and/or nonfiction by significant authors, primarily British and American, of the twentieth century. Not open to students with credit in ENG 266 or ENG 267. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU

### ENG 277 Film Studies 3 cr

An exploration of some aspect, theory, problem or distinctive variety of film, particularly narrative film. Emphasis may be upon the history of a genre, a single artist, or the distinctive character of the medium in comparison to drama or narrative fiction. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. May be taken for credit more than once if content changes. HU

### ENG 278 Multicultural Literature in America 3 cr

A study of ethnic literatures in America, chiefly African American, Asian American, Native American, and/or Latino, though not necessarily limited to these groups. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. May be taken for credit more than once if content changes. HU/ES

### ENG 279 Women in Literature 3 cr

(Same as WOM 279.) A study of women characters and/or authors in their cultural contexts through a survey of significant poetry, drama, fiction, and/or nonfiction. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. May be taken for credit more than once if content changes. HU

### ENG 280 Introduction to Shakespeare 3 cr

A study of selected plays and sonnets. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. HU

### ENG 285 The Literature of Nature 3 cr

A study of texts characterizing the natural world as experienced primarily by American writers of the 19th and 20th centuries. Prereq: Exemption from 101 based on placement test score or ENG 101 or cons. instr. HU

### ENG 290 Special Topics 1-3 cr

Designed to cover topics which cannot be accommodated in usual course format or by other courses. Topics, which will be specified in campus timetable, could range from writing for a campus newspaper or literary magazine to the study of a literary subgenre, such as science fiction, dramatic comedy, or epic poetry. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. May be taken for credit more than once if content changes.

### ENG 299 Independent Study 1-3 cr

Individual student program must be approved by the UW Colleges English Department chair. Prereq: cons. instr. May be taken for credit more than once if content changes.

### ENG 370 A Theme in English and/or American Literature 3 cr

This theme varies from time to time and may be, for example, philosophical, social, political or psychological. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. May be taken for credit more than once if content changes. HU

### ENG 380 A Figure or Figures in English and/or American Literature 3 cr

The figure or figures may be one writer, such as Milton, or a group of writers, such as English Romantic poets of the nineteenth century or African-American writers of the twentieth century. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. May be taken for credit more than once if content changes. HU

## French

### FRE 101 First Semester French 4 cr

For students who have had no previous training in the language. Emphasis on reading, writing, listening and speaking in French. Classes also may include cultural studies of France and other French-speaking countries. Field trip may be required. AP

### FRE 103 First Semester-Part I 2 cr

For students who have had no previous training in the language. This course is the first module of a two-part introductory sequence. Emphasis on reading, writing, listening and speaking in French. Classes may include cultural studies of France and other French-speaking countries. Field trip may be required. No prereq. (This course in combination with FRE 104 is equivalent to FRE 101.) AP

### FRE 104 First Semester-Part II 2 cr

Continuation of FRE 103 and second module of a two-part introductory sequence. Field trip may be required. Prereq: FRE 103 or cons. instr. (This course in combination with FRE 103 is equivalent to FRE 101.) AP

### FRE 105 Second Semester French 4 cr

Continuation of FRE 101 or FRE 104. Field trip may be required. Prereq: FRE 101 or FRE 104 or cons. instr. AP

### FRE 106 Second Semester-Part I 2 cr

Continuation of FRE 101 or FRE 104. This is the first module of a two-part second-semester sequence. Field trip may be required. Prereq: FRE 101 or FRE 104 or cons. instr. (This course in combination with FRE 107 is equivalent to FRE 105.) AP



## FRENCH - GEOGRAPHY

### **FRE 107 Second Semester-Part II** 2 cr

Continuation of FRE 106 and second module of a two-part second-semester sequence. Field trip may be required. Prereq: FRE 106 or cons. instr. (This course in combination with FRE 106 is equivalent to FRE 105.) AP

### **FRE 118 Practical Spoken French** 1-2 cr

Emphasis on the spoken language in everyday contexts. Not part of the sequence of required foreign language courses. Prereq: cons. instr. AP

### **FRE 201 Third Semester French** 4 cr

Reviews grammar taught during first two semesters while adding new material with some stress on idiomatic usage. All four skills (reading, writing, listening and speaking) are practiced, and continued emphasis is placed on acquisition of cultural knowledge. Field trip may be required. Prereq: FRE 105 or FRE 107 or cons. instr. HU

### **FRE 203 Third Semester-Part I** 2 cr

This course is the first module of a two-part third-semester sequence. Reviews grammar taught during the first two (or four) semesters while adding new material with some stress on idiomatic usage. All four skills (reading, writing, listening and speaking) are practiced, and continued emphasis is placed on acquisition of cultural knowledge. Field trip may be required. Prereq: FRE 105 or FRE 107 or cons. instr. (This course in combination with FRE 204 is equivalent to FRE 201.) HU

### **FRE 204 Third Semester-Part II** 2 cr

Continuation of FRE 203 and second module of a two-part third-semester sequence. Field trip may be required. Prereq: FRE 203 or cons. instr. (This course in combination with FRE 203 is equivalent to FRE 201.) HU

### **FRE 205 Fourth Semester French** 4 cr

Continuation of FRE 201 or FRE 204. Reading, writing, audio/oral practice, cultural insights based on literary texts in French. Field trip may be required. Prereq: FRE 201 or FRE 204 or cons. instr. HU

### **FRE 206 Fourth Semester-Part I** 2 cr

Continuation of FRE 201 or FRE 204. This is the first module of a two-part fourth-semester sequence. Reading, writing, audio/oral practice, cultural insights based on literary texts in French. Field trip may be required. Prereq: FRE 201 or FRE 204 or cons. instr. (This course in combination with FRE 207 is equivalent to FRE 205.) HU

### **FRE 207 Fourth Semester-Part II** 2 cr

Continuation of FRE 206 and second module of a two-part fourth-semester sequence. Field trip may be required. Prereq: FRE 206 or cons. instr. (This course in combination with FRE 206 is equivalent to FRE 205.) HU

### **FRE 215 Elementary Conversation and Composition** 1-2 cr

May be taken concurrently with FRE 201 or by itself. Stresses practical application of theory learned in 4-credit courses. Written and audio/oral exercises based on cultural, everyday topics. Carries no retroactive credit. Prereq: FRE 105 or FRE 107 or cons. instr. AP

### **FRE 225 Intermediate Conversation and Composition** 3 cr

Development of written and oral proficiency through systematic exposure to modern cultural developments as found in a variety of contemporary texts. Discussion and composition exercises deal with cultural topics introduced by original authors. Prereq: FRE 205 or FRE 207 or cons. instr. HU

### **FRE 226 Intermediate Conversation and Composition** 3 cr

Continuation of FRE 225. Prereq: FRE 225 or cons. instr. HU

### **FRE 276 Twentieth Century French Literature in Translation** 3 cr

Concentration on 20th-Century fiction, drama and essays, including existentialism, the philosophy of the Absurd and their impact on contemporary attitudes. Lectures in literary history and criticism, exercises in interpretation, compositions, oral presentations and class discussions in English. No knowledge of French necessary. No foreign language credit. HU

### **FRE 277 Special Topics in Literature in Translation and/or Culture and Civilization** 2-3 cr

Treats various topics of French literature and/or culture and civilization to be specified by instructor in campus timetable. Lectures, class discussions and written work in English. No knowledge of French necessary. No foreign language credit. HU

### **FRE 291 Selected Topics in French** 2-3 cr

Cultural, literary or linguistic themes as specified in campus timetable. Prereq: FRE 205 or FRE 207 or cons. instr. \* (Associate degree designation will be determined by course content.)

### **FRE 299 Intermediate Independent Reading** 1-3 cr

Individual student(s) assigned readings, reports and papers on topic determined by instructor. One-on-one meetings to be arranged. Prereq: FRE 205 or FRE 207 and cons. instr. \* (Associate degree designation will be determined by course content.)

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## Geography

### **GEO 101 Introduction to Cultural Geography** 3 cr

A survey of world patterns of culture, including population, language, religion, urban and rural settlement, and their causal relationships, emphasizing the global diversity of world cultures, contrasting world views and the issues thus raised. SS

### **GEO 102 Roots and Diversity** 3 cr

A geography of American ethnic minority groups. An introduction to ethnic geography that examines the experience of people of African, Asian, Latino, and Native heritage in the United States and Canada. These ethnic minorities are studied using the major themes of cultural geography such as spatial distribution, migration patterns and locational patterns. SS/ES

### **GEO 104 Landscapes of North America** 3-4 cr

(Same as GLG 104.) A general survey of the characteristics and origins of major natural/physical regions of North America, with an emphasis on national parks and monuments and other public areas. NS (if 4 cr. also LS)



# GEOGRAPHY

- GEO 106 Survey of Geographic Information Sciences (GIS)** 4 cr  
A survey of methods for organizing and interpreting spatial information using state-of-the-art techniques and tools of geographic information sciences. These include remote sensing, computer cartography, global positioning systems (GPS) and spatial analysis. Hands-on experiences provide a foundation for higher level courses and applications across the disciplines, e.g. anthropology, sociology, marketing, environmental science, health sciences, biology, planning, history, as well as geography, geology, and climatology. NS/LS
- GEO 107 Introduction to Maps and Air Photos** 3-4 cr  
(Same as GLG 107.) The use and interpretation of aerial photos and other forms of remote sensing and the basics of map reading, analysis and interpretation including a brief introduction to the principles of map design and construction. Emphasis on topographic and thematic maps and vertical air photos. NS (if 4 cr. also LS)
- GEO 110 World Regional Geography** 3 cr  
Introduction to cultural geography through the integrated study of representative and significant world regions. Examples will compare and contrast present and potential ethnic, social, political, and environmental problems across the regions of the world, and explore basic solutions. SS
- GEO 115 Economic Geography** 3 cr  
Analysis of location of population and the distribution and character of the leading global economic activities: agriculture, fishing, forestry, mining, manufacturing, transportation and trade. Field trip(s) may be required. SS
- GEO 120 The Physical Environment** 4-5 cr  
Characteristics and world distribution of physical factors which in combination form the natural environment: elements of weather and climate, climatic types, earth materials, landforms and earth resources. Two or four hours of lab per week depending on the credit. Field trip(s) may be required. May not be taken for credit by students who have had GEO 123 or GEO 124. NS/LS
- GEO 123 Physical Geography: Weather and Climate** 4-5 cr  
Study of Earth's atmospheric elements in both the short term (weather events) and long term (climate and climate change). Study includes: temperature; the seasons; pressure, wind and wind systems; humidity, cloud cover, stability and precipitation; jet streams, cyclones and fronts, thunderstorms, tornadoes and hurricanes. Study of the world's different climate regions, soils and vegetation; climate change (Greenhouse Effect, Ice Ages); and human interaction with weather and climate. Lab work includes data, map and chart analysis. Field trip(s) may be required. NS/LS
- GEO 124 Physical Geography: Landforms** 4-5 cr  
Study of the evolution and distribution of Earth's surface features (landforms) and physical landscapes, including the processes that have shaped them. Study covers plate tectonics, volcanoes, faults, rivers and river flow, glaciers, beaches, dunes, landslides, etc. Lab work includes the study of common rocks and minerals, and instruction in the use of topographic maps and aerial photographs to analyze the features and landscapes. Field trip(s) may be required. NS/LS
- GEO 125 Survey of Physical Geography** 3 cr  
Characteristics and world distribution of physical factors which in combination form the natural environment: elements of weather and climate, climatic types, earth materials, landforms and earth resources. May not be taken for credit by students who have had GEO 120, GEO 123 or GEO 124. NS
- GEO 130 Human Impact on the Environment** 3-4 cr  
A natural science course describing the alteration of the physical environment with the resulting effects on air, water, soils, vegetation, animal life and humans. Field trip(s) may be required. Geo 130 meets DPI requirements for environmental education at some UW baccalaureate institutions. NS (if 4 cr. also LS)
- GEO 170 Disasters – Living on the Edge** 3-4 cr  
(Same as GLG 170) Study of various environmental hazards, their causes, impacts on humans, and mitigations. Core topics are natural hazards (earthquakes, volcanoes, flooding, landslides, tornadoes, and hurricanes), and anthropogenic hazards (climate change/global warming, nuclear hazards, and overpopulation). Additional topics may be covered: coastal hazards, pollution of groundwater, air, soil, and water, other atmospheric hazards (extreme weather, droughts), impacts from space, extinctions, biohazards, chemical hazards, and terrorism. May not be taken for credit by students who have had GLG 169, GLG 135. NS (if 4 cr. also LS)
- GEO 200 Historical Geography of the American Frontier** 3 cr  
An analysis of human adjustment to and alterations of the natural environment of the United States and adjacent parts of Canada at succeeding stages of time. Emphasis given to the westward movement of settlement and the impact of major cultural groups on the land, with special attention directed to the role of these groups in the formation of the present cultural landscape. SS
- GEO 277 Geography of World Energy** 3 cr  
An analysis of traditional and innovative energy resources. SS
- GEO 291 Geographic Field Study** 1-6 cr  
For exceptional students in lieu of a regular course. Prereq: sophomore standing and cons. instr. AP \*
- GEO 297 Special Topics in Geography** 1-3 cr  
The topics selected in this course will depend on student interest and special competencies of available staff. Prereq: cons. instr. \*
- GEO 299 Independent Study** 1-3 cr  
Individual study under the supervision of an instructor. Prereq: cons. instr. \*
- GEO 300 Population: World Survey** 3-4 cr  
Contrasts in numbers, densities and qualities of population with emphasis on regional implication. Prereq: one semester of college work. SS
- GEO 341 The United States and Canada** 3 cr  
Description and analysis of the physical and cultural landscapes of the United States and Canada. Prereq: one semester of college work. SS

## GEOGRAPHY - GEOLOGY

### **GEO 342 Geography of Wisconsin** 3 cr

The geography of Wisconsin's natural and cultural landscapes with an emphasis on their sequential development and changing patterns of land use and settlement. Natural resources, population, land utilization and economic development of the state. Field trip(s) may be required. Prereq: one semester of college work. SS

### **GEO 349 Northwestern Europe** 3 cr

Description and analysis of the physical and cultural landscapes of Northwestern Europe. Includes the British Isles, Scandinavian countries, Low countries, France, Germany, Switzerland and Austria. Prereq: one semester of college work, or cons. instr. SS

### **GEO 350 Environmental Conservation** 3 cr

Study of the human use, conservation, and management of the Earth's resources; ecosystems; human interactions with the environment; human population growth; impact of technology on the environment; and practical solutions to environmental problems. Field trip(s) may be required. Prereq: one semester of college work. GEO 350 meets DPI requirements for environmental education at some UW baccalaureate institutions. SS

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## Geology

### **GLG 100 Survey of Geology** 3 cr

A brief study of minerals, rocks, fossils, geologic maps and the processes which create and modify the surface and subsurface features of the earth. Field trip(s) may be required. Not open to those who have had GLG 101, GLG 102. NS

### **GLG 101 Physical Geology** 4-5 cr

Study of the physical nature of planet Earth. The processes in operation above, on and beneath the surface that continue to shape its physical evolution (e.g. plate tectonics, vulcanism, faulting and earthquakes, glaciation, rivers); the origin and nature of common minerals and rocks and their distribution in the world; landscapes and their origins (e.g. mountain ranges, glacial forms, river valleys, etc.). Lab work includes the study of rocks and minerals and the interpretation of geological and topographic maps and aerial photographs. Field trip(s) may be required. NS/LS

### **GLG 102 Historical Geology** 4-5 cr

Study of the history of the Earth, beginning with its place in the solar system. An introduction to common rocks and minerals, to geological principles and reasoning, and to concepts of geologic time. Study of how the physical geography of Earth has changed through time and how the changes in the rock record tell of seas, mountain ranges, deserts, and ice ages through geologic time. Study of the fossil record and how life on Earth has changed to cope with the varying physical environments of Earth. Labs include work with diagrams, air photos, geologic maps, and fossils. Field trip(s) may be required. NS/LS

### **GLG 104 Landscapes of North America** 3-4 cr

(Same as GEO 104.) A general survey of the characteristics and origins of major natural/physical regions of North America, with an emphasis on national parks and monuments and other public areas. NS (if 4 cr. also LS)

### **GLG 107 Introduction to Maps and Air Photos** 3-4 cr

(Same as GEO 107.) The use and interpretation of aerial photos and other forms of remote sensing, and the basics of map reading, analysis and interpretation including a brief introduction to the principles of map design and construction. Emphasis on topographic and thematic maps and vertical air photos. NS (if 4 cr. also LS)

### **GLG 135 Environmental Geology** 3 cr

Applications of the science of geology to problems resulting from our intense use of the earth and its resources. Field trip(s) may be required. NS

### **GLG 169 Earth Science and Human Environment** 4 cr

The physical environment and our interaction with it. Emphasis on earth processes which affect humans, such as rivers, erosion, groundwater, landslides and earthquakes. The impact of humans upon the environment. Air, water and soil pollution studied from a physical-chemical standpoint. The depletion of energy and mineral resources and the need for humans to design with nature. Field trip(s) may be required. NS/LS

### **GLG 170 Disasters – Living on the Edge** 3-4 cr

(Same as GEO 170) Study of various environmental hazards, their causes, impacts on humans, and mitigations. Core topics are natural hazards (earthquakes, volcanoes, flooding, landslides, tornadoes, and hurricanes), and anthropogenic hazards (climate change/global warming, nuclear hazards, and overpopulation). Additional topics may be covered: coastal hazards, pollution of groundwater, air, soil, and water, other atmospheric hazards (extreme weather, droughts), impacts from space, extinctions, biohazards, chemical hazards, and terrorism. May not be taken for credit by students who have had GLG 169, GLG 135. NS (if 4 cr. also LS)

### **GLG 291 Geological Field Studies** 1-6 cr

Formal classroom study of an area of geologic interest followed by field study of the area. May be taken for credit more than once. Prereq: cons. instr. AP \*

### **GLG 297 Special Topics in Geology** 1-3 cr

The topic selected will depend on student interest and special competencies of available staff. Prereq: cons. instr. \*

### **GLG 299 Independent Reading** 1-3 cr

For exceptional students in lieu of a regular course. May involve seminar presentation. May be taken more than once. Prereq: sophomore standing and cons. instr. \*

### **GLG 309 Geomorphology** 3 cr

Principles and analysis of geomorphic processes and resulting landforms. Field trip(s) may be required. Prereq: One of the following—GLG 100, GLG 101, GLG 135, GLG 169, GEO 120 or GEO 124. NS

### **GLG 343 Glacial and Pleistocene Geology** 3 cr

Principles, characteristics and work of glaciers; events of the Pleistocene Period. Field trip(s) may be required. Prereq: One of the following—GLG 100, GLG 101, GLG 135, GLG 169, GEO 120 or GEO 124. NS

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**German**

- GER 101 First Semester German** 4 cr  
For students who have had no previous training in the language. Emphasis on reading, writing, listening and speaking in German. Classes also may include cultural studies of Germany and other German-speaking countries. Field trip may be required. AP
- GER 103 First Semester-Part I** 2 cr  
For students who have had no previous training in the language. This course is the first module of a two-part introductory sequence. Emphasis on reading, writing, listening and speaking in German. Classes may include cultural studies of Germany and other German-speaking countries. Field trip may be required. No prerequisite. (This course in combination with GER 104 is equivalent to GER 101.) AP
- GER 104 First Semester-Part II** 2 cr  
Continuation of GER 103 and second module of a two-part introductory sequence. Field trip may be required. Prereq: GER 103 or cons. instr. (This course in combination with GER 103 is equivalent to GER 101.) AP
- GER 105 Second Semester German** 4 cr  
Continuation of GER 101 or GER 104. Field trip may be required. Prereq: GER 101 or GER 104 or cons. instr. AP
- GER 106 Second Semester-Part I** 2 cr  
Continuation of GER 101 or GER 104. This is the first module of a two-part second-semester sequence. Field trip may be required. Prereq: GER 101 or GER 104 or cons. instr. (This course in combination with GER 107 is equivalent to GER 105.) AP
- GER 107 Second Semester-Part II** 2 cr  
Continuation of GER 106 and second module of a two-part second-semester sequence. Field trip may be required. Prereq: GER 106 or cons. instr. (This course in combination with GER 106 is equivalent to GER 105.) AP
- GER 118 Practical Spoken German** 1-2 cr  
Emphasis on the spoken language in everyday contexts. Not part of the sequence of required foreign language courses. Prereq: cons. instr. AP
- GER 201 Third Semester German** 4 cr  
Reviews grammar taught during first two semesters while adding new material with some stress on idiomatic usage. All four skills (reading, writing, listening and speaking) are practiced and continued emphasis is placed on acquisition of cultural knowledge. Field trip may be required. Prereq: GER 105 or GER 107 or cons. instr. HU
- GER 203 Third Semester-Part I** 2 cr  
This course is the first module of a two-part third-semester sequence. Reviews grammar taught during the first two (or four) semesters while adding new material with some stress on idiomatic usage. All four skills (reading, writing, listening and speaking) are practiced and continued emphasis is placed on acquisition of cultural knowledge. Field trip may be required. Prereq: GER 105 or GER 107 or cons. instr. (This course in combination with GER 204 is equivalent to GER 201.) HU
- GER 204 Third Semester-Part II** 2 cr  
Continuation of GER 203 and second module of a two-part third-semester sequence. Field trip may be required. Prereq: GER 203 or cons. instr. (This course in combination with GER 203 is equivalent to GER 201.) HU
- GER 205 Fourth Semester German** 4 cr  
Continuation of GER 201 or GER 204. Reading, writing, audio/oral practice, cultural insights based on literary texts in German. Field trip may be required. Prereq: GER 201 or GER 204 or cons. instr. HU
- GER 206 Fourth Semester-Part I** 2 cr  
Continuation of GER 201 or GER 204. This is the first module of a two-part fourth-semester sequence. Reading, writing, audio/oral practice, cultural insights based on literary texts in German. Field trip may be required. Prereq: GER 201 or GER 204 or cons. instr. (This course in combination with GER 207 is equivalent to GER 205.) HU
- GER 207 Fourth Semester-Part II** 2 cr  
Continuation of GER 206 and second module of a two-part fourth-semester sequence. Field trip may be required. Prereq: GER 206 or cons. instr. (This course in combination with GER 206 is equivalent to GER 205.) HU
- GER 215 Elementary Conversation and Composition** 1-2 cr  
May be taken concurrently with GER 201 or by itself. Stresses practical application of theory learned in 4-credit courses. Written and audio/oral exercises based on cultural, everyday topics. Carries no retroactive credit. Prereq: GER 105 or GER 107 or cons. instr. AP
- GER 225 Intermediate Conversation and Composition** 3 cr  
Development of written and oral proficiency through systematic exposure to modern cultural developments as found in a variety of contemporary texts. Discussion and composition exercises deal with cultural topics introduced by original authors. Prereq: GER 205 or GER 207 or cons. instr. HU
- GER 226 Intermediate Conversation and Composition** 3 cr  
Continuation of GER 225. Prereq: GER 225 or cons. instr. HU
- GER 276 Twentieth-Century German Literature in Translation** 3 cr  
Concentration on 20th-Century fiction, drama and essays. Starts with confrontation between Friedrich Nietzsche and the Naturalists, and includes major German authors such as Thomas Mann, Franz Kafka, Herman Hesse and Heinrich Boll. Lectures in literary history and criticism, exercises in interpretation, compositions, oral presentations and class discussions in English. No knowledge of German necessary. No foreign language credit. HU
- GER 277 Special Topics in Literature in Translation and/or Culture and Civilization** 2-3 cr  
Treats various topics of German literature and/or culture and civilization to be specified by instructor in campus timetable. Lectures, class discussions, and written work in English. No knowledge of German necessary. No foreign language credit. HU

## GERMAN - HISTORY

**GER 291 Selected Topics in German** 2-3 cr  
Cultural, literary or linguistic themes as specified in campus timetable. Prereq: GER 205 or GER 207 or cons. instr. \* (Associate degree designation will be determined by course content.)

**GER 299 Intermediate Independent Reading** 1-3 cr  
Individual student(s) assigned readings, reports and papers on topic determined by instructor. One-on-one meetings to be arranged. Prereq: GER 205 or GER 207 and cons. instr. \* (Associate degree designation will be determined by course content.)

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### History

**HIS 101 History of the United States: From the Era of the Columbian Exchange to the Era of the Civil War** 3-4 cr  
A survey of American political, economic, social, and intellectual history from the Age of European Exploration and the period of colonization to the era of the Civil War. Special attention will be given to issues of cultural diversity and the historical problems faced by racial, ethnic, and religious minorities. SS/ES

**HIS 102 History of the United States: From the Era of the Civil War to the Present** 3-4 cr  
A survey of American political, economic, social, and intellectual history from the era of the Civil War to the present. Special attention will be given to issues of cultural diversity and the historical problems faced by racial, ethnic, and religious minorities. SS/ES

**HIS 105 History of Western Civilization** 3-4 cr  
Survey of Western Civilization from ancient times through the Renaissance, emphasizing the distinctive features of Western culture, political development, economic development and the contributions made by non-Western people. HU

**HIS 106 History of Western Civilization** 3-4 cr  
Survey of Western Civilization from the Renaissance to contemporary times, emphasizing the further development of Western culture, political institutions and economic institutions, including reference to the interaction among the peoples of the modern world. HU

**HIS 111 Ancient History** 3 cr  
Survey of the history of civilization from the beginnings in Mesopotamia and Egypt through Classical Greece with emphasis on institutional and social development. HU

**HIS 112 Ancient History** 3 cr  
Survey of the history of civilization from Alexander the Great through the fall of the Roman Empire with emphasis on institutional and social development. HU

**HIS 114 Modern Revolutions** 3 cr  
An introduction to the study of history through the examination of revolutionary eras. Topics will include the American, French and Russian revolutions. SS

**HIS 115 Medieval Europe** 3 cr  
General introduction to the history of Europe, from the later Roman Empire to the end of the Middle Ages. HU

**HIS 118 The United States and Vietnam** 3 cr  
An investigation of the war in Southeast Asia, 1945-1975, focusing on these topics: French colonialism, Vietnamese nationalism, American entry, the escalation of the American role, the debate on American policy, American withdrawal, conclusion of the fighting and long-term effects. SS

**HIS 119 The Making of Modern Europe** 3 cr  
An introduction to the principal developments in the history of Europe from the Renaissance to the fall of Napoleon. HU

**HIS 120 Europe and the Modern World, 1815 to the Present** 3 cr  
A general survey of the political, economic, social and cultural history of modern Western civilization. HU

**HIS 123 English History: England to 1688** 3 cr  
General survey of the political, economic, social and cultural history of England from earliest historic times. SS

**HIS 124 British History: 1688 to the Present** 3 cr  
General survey of the political, economic, social and cultural history of Great Britain. SS

**HIS 126 Twentieth Century Europe** 3 cr  
Study of the major political, social and cultural developments of Europe since 1900. SS

**HIS 127 The World in the Twentieth Century** 3 cr  
Survey of the major trends in Europe, Asia, Africa and the Americas since 1900; the two world wars; the social and political revolutions of our time; Fascism and Communism; and the new states of Africa and Asia. SS

**HIS 150 History of the Family** 3 cr  
The pre-industrial family; the effect of industrialism, child rearing, courtship, adolescence, domestic life, old age, death and dying. Emphasis on American and/or European experience. SS

**HIS 161 World History to 1500** 3-4 cr  
A topical approach to the history of premodern humankind. Special attention will be given to the emergence, development and interaction of civilizations in Asia, Africa, Europe and the Americas. HU

**HIS 162 World History since 1500** 3-4 cr  
A topical history of global humankind with emphasis on the rise of the West to world dominance and the various ways in which the peoples of Africa, Asia and Latin America have responded to the Western challenge. HU

**HIS 198 The Film as Social History** 3 cr  
This course will focus on the feature and documentary films produced in a particular historical period or on a specific historical topic. Through viewing selected films, the student will gain a deeper understanding of the motion picture's significance as an historical document, as well as its function as a propaganda device. The course will relate the thematic content of the selected films to the specific historical context in which they were produced and consumed. SS



# HISTORY

- HIS 211 History of the American Frontier** 3 cr  
American expansion, exploitation, and difference in the trans-Mississippi West. The extension of political control and population of the region by Anglo settlers, the exploitation of natural resources and human labor, and the impact of varied climates, topographies, and human experiences. SS/ES
- HIS 213 Recent Latin America** 3 cr  
Recent development of Hispanic and Portuguese America, emphasizing the evolution of independent states. SS
- HIS 219 History of Russia** 3 cr  
A consideration of the major themes and personalities of Russian history since 1917. SS
- HIS 222 Recent Chinese History** 3 cr  
Western impact, social change and revolutions in twentieth century China, pre-1949. SS
- HIS 240 Primary Sources in History** 3 cr  
The study of specific historical topics through the use of primary sources. Includes exposure to techniques and problems of using and interpreting original sources. SS
- HIS 254 American Foreign Relations, 1763 to the Present** 3 cr  
America's relations with the world, emphasizing the economic, political and ideological elements determining policy. SS
- HIS 255 Proseminar in History** 3 cr  
This course will explore an historical topic through readings, discussion and written assignments. \*
- HIS 256 Topics in History** 1-3 cr  
This course will explore in depth an historical topic through lectures, discussions, readings and written assignments. \*
- HIS 257 Origins and History of World War II** 3 cr  
Background and history of World War I. Problems of peacemaking and international organization, rise of Fascism, National Socialism and Japanese imperialism; breaking the peace; World War II. SS
- HIS 258 The Holocaust: Politics of Peace, Nationalism and War** 3 cr  
This class presents students with the historical background and current scholarly debate about the best documented genocide in recent history. A combination of race based thinking, radical nationalism and brutality occasioned by war opened the door to the Nazi Party to lead Germans and other Europeans in a systematic campaign to eliminate the Jews. Students will explore a variety of sources produced during and after the period. Including films, posters and literature. Raised will be questions about the limits of obedience to authority, what constitutes "race" or "ethnic" differences, and ultimately whether or not guilt for related crimes can ever be forgiven. SS
- HIS 261 Crime and Punishment in Europe and America Since 1500** 3 cr  
History of crime and punishment in Europe and America since 1500. Emphasis on social context of the legislative creation of new crimes, the origin of prisons, changes in the types of crimes committed as urbanization and industrialization advance, the evolution of the criminal justice systems in Europe and America, and the comparison and interpretation of differential crime rates in Europe and America. SS
- HIS 270 American Business History** 3 cr  
The role of business in American society from colonial times to the present. Changes in managerial practices within the firm and in relation to the larger community. Origins of American capitalism, appearance of corporate organization, work patterns, changing business ethics and their legal environment, government regulation and international trade. SS
- HIS 271 History of Science and Technology** 3 cr  
This course surveys American and/or Western scientific thought from its origins to the present. It also focuses on how scientific thought becomes translated to everyday life through technology. It also examines how science and technology affects government, economics, and culture. Emphases on American and/or Western science and technology. SS
- HIS 272 History and Culture of the Sciences** 3 cr  
This course will examine, in a historical context, how science has been constructed and how it has interacted with other aspects of society, such as politics, religion, culture and economics. These themes will be addressed by closely studying two transformations in scientific and human thought: first, the shift from an Earth-centered to a sun-centered universe, and second, the development of the theory of Evolution by natural selection. Finally, the course considers briefly the emergence of new major scientific and cultural transitions which are now occurring. HU.
- HIS 273 Recent East Asian Economic Development** 3 cr  
A survey of East Asian economic development in the Twentieth Century. Emphasis will be on contrasting the economic development of China and Japan and analyzing the economic impact of Western Europe and the United States on the region. SS
- HIS 274 Survey of Modern East Asian History** 3 cr  
A survey of the modern intellectual, political, social and economic development of East Asia. Emphasis will be on the impact of modernization process on China and Japan and the influence of Western Europe and the United States on these changes. SS
- HIS 275 The Modern Middle East** 3 cr  
This course will familiarize students with the major contours of Middle Eastern history from the times of Muhammad, during the seventh century C.E., to the present, with special emphasis on the twentieth century. We will treat issues of politics, economics, diplomacy, war, and social, cultural, and intellectual change and continuity, placing particular importance on developing an understanding of nationalism and Islam in the modern Middle East. HU
- HIS 277 Indians in American History** 3 cr  
This survey provides an overview of U.S. history with greater emphasis on contact in the age of exploration, interactions over time between Europeans and natives, and adaptations and conflicts that emerged. The course will approach this from social, political, and economic perspectives from the colonial period to the present. SS/ES
- HIS 278 History of Minorities in America** 3 cr  
This course will explore the role of ethnic, racial, religious and sexual groups in the history of the United States from the era of colonization to the present. Includes political, economic, social and cultural development. SS/ES



## HISTORY - LECTURE FORUM

**HIS 279 Women in American History** 3 cr  
This course will focus on the struggle by women to acquire social equality and access to equal opportunity and political rights from the colonial times to the present. Students will learn about key figures in the areas of social reform, the right to vote, and fight against job discrimination while exploring the larger historical context in which these leaders operated. SS

**HIS 280 History of the Great Lakes Region, 1600-1870** 3 cr  
This course traces the development of the Great Lakes Region as a distinct physiographic, economic, political and cultural area in North America. The historical development of such an international region within the context of traditional nationalism and international rivalry, as well as its impact and influence within the respective nations. A frame of reference is provided for comparison with other regions within the North American milieu. SS/ES

**HIS 283 Modern War and American Life** 3 cr  
An investigation of the impact of the Civil War, World Wars I and II, and the Cold War on American society. The home front will be emphasized, with attention to wartime politics and the wartime economy, civil liberties, and the social effect of war. SS

**HIS 285 Recent American History, 1917-1945** 3 cr  
Political, social, economic and cultural changes in America during World War I, the Twenties, the Great Depression and World War II. SS

**HIS 286 Recent American History, 1945-Present** 3 cr  
A continuation of History 285 (1917-45). Origins and history of the Cold War, McCarthyism, the Fifties, the Civil Rights movement, the war in Indochina, and Watergate and its aftermath. SS

**HIS 288 Representative Americans** 3 cr  
A biographical approach; evaluation of contributions of leading Americans to the nation's development. SS

**HIS 289 Colonial and Revolutionary America, 1607-1789** 3 cr  
The establishment and political, social and economic development of the English colonies in North America; origins and consequences of the American Revolution; and the establishment of the new nation. SS

**HIS 290 History of Wisconsin** 3 cr  
History of Wisconsin from the beginning of the historical period to the present, with emphasis on the economic and social aspects of Wisconsin history since 1815. SS

**HIS 293 Civil War and Reconstruction** 3 cr  
Analysis of slavery in the Old South, the anti-slavery movement, the conflict between the North and South (sectionalism), the significance of the Civil War, presidential and congressional reconstruction, the position of the freedmen in the South and postwar America. SS

**HIS 297 The United States, 1917 to the Present** 3 cr  
Political, social, economic and cultural changes in America during World War I, the Twenties, the Age of the Great Depression, World War II, postwar America and the ripening Civil Rights movement. SS

**HIS 299 Independent Studies** 1-3 cr  
Extensive reading for the purpose of surveying the literature on a particular historical subject, possibly including a research project, under the personal supervision of the instructor. The subject matter is open, to be determined by the student and instructor. Students will be encouraged to use off-campus resources when available. Prereq: cons. instr. \*

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## Interdisciplinary Studies

**INT 290 Special Topics in Interdisciplinary Studies** 1-3 cr  
Interdisciplinary courses designed to help students learn to integrate knowledge from across the curriculum. Includes investigation of the multiple dimensions of the given subject by applying the content, methods and assumptions of two or more disciplines as presented by instructors from those disciplines.\*

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## Lecture Forum

**LEC 100 First-Year Seminar** 1-3 cr  
Course for entering freshmen. Consult campus timetable for description. Must be approved by UWC Curriculum Committee. \*

**LEC 101 University Forum** 1 cr  
A lecture-discussion course designed to introduce students to current problems and significant issues. Open to freshmen and sophomores. May be taken three times for a maximum of three credits. \*

**LEC 102 Library and Research Seminar** 1-2 cr  
This course will explore research processes using print and electronic formats. It includes the identification and analysis of searches and sources, the proper organization and integration of information gathered, and the consideration of intellectual property issues. No prerequisites. EL

**LEC 105 Greek and Latin Origins of Medical and Scientific Terminology** 2-3 cr  
The course is designed to acquaint students pursuing science and other majors with the origins of technical terms they are likely to encounter. EL

**LEC 200 Sophomore Seminar** 1-3 cr  
A course designed to enhance the sophomore experience and position students for success as they prepare to complete bachelor-degree studies. Topics may vary from one course to another and may focus on developments in various academic fields and professions, on values and issues in the contemporary workplace, and/or on other topics designed to assist students at this point in their undergraduate education. Course might complement internship opportunities. EL

**LEC 290 Special Topics in Integrated Studies** 1-4 cr  
Interdisciplinary courses involving components and faculty from more than one breadth area. Must have a departmental sponsor, approval of UWC Curriculum Committee, and endorsement of all departments involved. EL

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**Mathematics****MAT 105 Introduction to College Algebra** 3-4 cr

Emphasizes algebraic techniques with polynomials, fractional expressions, exponents and radicals, linear and quadratic equations, and inequalities. Introduction to functions, their graphs and analytic geometry. Prereq: A grade of C or better in Elementary Algebra and a high school geometry course or one year of high school algebra and one year of high school geometry, or one year of high school algebra and concurrent registration in a geometry course, or equivalent. EL

**MAT 108 Quantitative Reasoning** 3 cr

This course is intended to develop analytic reasoning and the ability to solve quantitative problems. Topics to be covered include construction and interpretation of graphs, functional relationships, descriptive statistics, geometry and spatial visualization, math of finance, exponential growth, and basic probability. Appropriate use of units and dimensions, estimates, mathematical notation and available technology will be emphasized throughout the course. Prereq: a course in plane geometry and one of the following: (a) two years of high school algebra, (b) a grade of C- or better in MAT 105, (c) course(s) equivalent to (a) or (b). MS

**MAT 110 College Algebra** 3 cr

Definition of function; linear and non-linear functions and graphs including logarithmic and exponential functions; systems of linear equations; theory of polynomial equations and optional topics such as mathematical induction, matrix solution of linear systems and Cramer's rule. Prereq: a course in plane geometry and one of the following: (a) a grade of C- or better in MAT 105, (b) two years of high school algebra, (c) course(s) equivalent to (a) or (b). MS

**MAT 113 Trigonometry** 2 cr

Trigonometric functions, their basic properties and graphs, identities, inverse trigonometric functions, solving trigonometric equations, solutions of triangles. Prereq: a course in plane geometry and one of the following: (a) a grade of C- or better in MAT 110 or equivalent; (b) concurrent registration in MAT 110. MS

**MAT 117 Elementary Statistics** 3 cr

The primary aim of the course is a basic understanding and use of statistical concepts and methods to facilitate study and research in other disciplines. Includes measures of central tendency, measures of variability, grouped data, the normal distribution, central limit theorem, hypothesis testing, estimation, T-distribution and chi square test. Prereq: a grade of C- or better in MAT 105 or MAT 108 or equivalent. MS

**MAT 124 Pre-Calculus Mathematics** 5 cr

Functions and graphs, including linear, polynomial, logarithmic and exponential functions; complex numbers and theory of equations; binomial theorem; mathematical induction; trigonometric functions, their basic properties and graphs; identities; inverse trigonometric functions; solving trigonometric equations; de Moivre's theorem. Prereq: a grade of C- or better in MAT 105 or equivalent. Students may not earn more than five credits of any combination of MAT 110, MAT 113 and MAT 124. MS

**MAT 130 Mathematics for Elementary Teachers** 4 cr

A mathematics content course for prospective elementary teachers. Emphasis is on development of properties of arithmetic. Topics also may include elementary concepts of algebra, probability and statistics. Four hours lecture or three hours lecture and two hours laboratory per week. Prereq: a grade of C- or better in MAT 105 or MAT 108, or two years of high school algebra and one year of high school geometry, or cons. instr. MS

**MAT 132 Geometry for Elementary Teachers** 4 cr

The course emphasizes geometric concepts. Topics also may include concepts of algebra, probability and statistics. Four hours lecture or three hours lecture and two hours laboratory per week. Prereq: a grade of C- or better in MAT 105 or MAT 108, or two years of high school algebra and one year of high school geometry, or cons. instr. MS

**MAT 140 Survey of Mathematics** 3 cr

A course emphasizing the nature of mathematics, an appreciation of mathematical concepts and reasoning, and the development of mathematical systems. It is not intended as preparation for other mathematics courses. MS

**MAT 210 Topics in Finite Mathematics** 3-4 cr

Matrices, linear programming and applications, probability, Markov chains and mathematics of finance. Prereq: a grade of C- or better in MAT 110 or MAT 124 or equivalent. MS

**MAT 211 Calculus** 4-5 cr

Primarily for students in business, the social sciences and biological sciences who wish to acquire some knowledge of the techniques and applications of calculus. Topics include concepts, techniques, and applications of differential and integral calculus and multivariate calculus. Students who are preparing to major in mathematics, engineering or physical sciences should enroll in the MAT 221-MAT 222 sequence. Prereq: a grade of C- or better in MAT 110 or MAT 124 or equivalent. Students may not earn more than six credits by taking both MAT 211 and MAT 221. MS

**MAT 221 Calculus and Analytic Geometry I** 5 cr

Analytic geometry, functions, limits and continuity, the derivative, integrals, techniques and applications of differentiation, applications of integration, logarithmic and exponential functions and trigonometric functions. Prereq: a grade of C- or better in MAT 124 or MAT 110 and MAT 113 or equivalent. Students may not earn more than six credits by taking both MAT 211 and MAT 221. MS

**MAT 222 Calculus and Analytic Geometry II** 5 cr

Continuation of 221. Techniques of integration, polar coordinates, conic sections, infinite series and vectors of two and three dimensions. Note: the order of topics covered in MAT 221 and MAT 222 may depend on the text used and the instructor. Prereq: a grade of C- or better in MAT 221. MS

**MAT 223 Calculus and Analytic Geometry III** 4-5 cr

Continuation of MAT 222. Analytic geometry of three dimensions, functions of several variables, partial differentiation, multiple integration and introduction to differential equations. Prereq: a grade of C- or better in MAT 222. MS

## MATHEMATICS - MUSIC

<b>MAT 224 Linear Mathematics</b>	<b>4 cr</b>
Introduction to linear algebra, vector spaces, matrices, linear transformations and eigenvalues. Ordinary differential equations and linear systems of differential equations. Laplace transforms. Prereq: a grade of C- or better in MAT 223 or equivalent. MS	
<b>MAT 230 Discrete Mathematics</b>	<b>3 cr</b>
An introduction to discrete mathematics with emphasis on topics applicable to computer science. Topics include symbolic logic, sets and relations, induction and recursion, counting techniques, algorithm analysis, graphs and digraphs, and Boolean algebra. Prereq: a grade of C- or better in MAT 113, MAT 124, MAT 221, or cons. instr. MS	
<b>MAT 234 Calculus of Several Variables</b>	<b>3 cr</b>
Continuation of MAT 222. Analytic geometry of three dimensions, functions of several variables, multiple integration. This course is equivalent to MAT 223 without differential equations. Prereq: a grade of C- or better in MAT 222. Students may not receive credit for both MAT 223 and MAT 234. MS	
<b>MAT 240 Statistical Analysis</b>	<b>3 cr</b>
Elements of probability theory; collection and presentation of sample data; basic problems of statistical inference; applications, including quality control; regression; and hypothesis testing. Prereq: a grade of C- or better in MAT 211, MAT 221 or equivalent. MS	
<b>MAT 262 Linear Algebra</b>	<b>3 cr</b>
Matrix algebra, linear systems of equations, vector spaces, subspaces, linear dependence, rank of matrices, determinants, linear transformations, eigenvalues and eigenvectors, diagonalization, inner products and orthogonal vectors, and symmetric matrices. Prereq: a grade of C- or better in MAT 222. MS	
<b>MAT 271 Ordinary Differential Equations</b>	<b>3 cr</b>
Ordinary differential equations of the first and second order, series solutions, higher order linear equations, the Wronskian, Laplace transform and applications, numerical methods and boundary value problems. Prereq: a grade of C- or better in MAT 222. MS	
<b>MAT 290 Special Topics in Mathematics</b>	<b>1-3 cr</b>
A course focusing on a selected topic or set of topics selected by the instructor to meet special needs and interests of students. Prereq: a grade of C- or better in MAT 124 or MAT 211 or equivalent and cons. instr.	
<b>MAT 299 Independent Reading in Mathematics</b>	<b>1-3 cr</b>
Prereq: Sophomore standing and cons. instr. *	

## Meteorology

<b>MLG 100 Introduction to Meteorology</b>	<b>2-4 cr</b>
Introductory course in meteorology. Nature and causes of wind, clouds and precipitation; storm systems and fronts; thunderstorms, tornados and hurricanes; weather maps and forecasting. Field trip(s) may be required. NS (2-3 cr.)/ (if 4 cr. also LS)	

## Music

<b>MUS 070 Orchestra</b>	<b>1-2 cr</b>
Open to all students by tryout. AP	
<b>MUS 071 Band</b>	<b>1-2 cr</b>
Open to all students by tryout. AP	
<b>MUS 072 Chorus</b>	<b>1-2 cr</b>
Open to all students by tryout. AP	
<b>MUS 074 Jazz Ensemble</b>	<b>1-2 cr</b>
Open to all students by tryout. AP	
<b>MUS 075 Small Vocal Ensemble</b>	<b>1-2 cr</b>
Open to all students by tryout. AP	
<b>MUS 076 Instrumental Chamber Ensemble</b>	<b>1-2 cr</b>
Open to all students by tryout. AP	
<b>MUS 107 Vocal Techniques</b>	<b>2 cr</b>
Theory and practice in fundamentals of singing. AP	
<b>MUS 115 Woodwind Techniques</b>	<b>2 cr</b>
Theory and practice in fundamentals of woodwind performance. AP	
<b>MUS 130 Brass Techniques</b>	<b>2 cr</b>
Theory and practice in fundamentals of brass performance. AP	
<b>MUS 145 Percussion Techniques</b>	<b>2 cr</b>
Theory and practice in fundamentals of percussion performance. AP	
<b>MUS 147 String Techniques AP</b>	<b>2 cr</b>
Theory and practice in fundamentals of string performance. AP	
<b>MUS 170 Fundamentals of Music</b>	<b>3 cr</b>
This course is designed to acquaint the student with the fundamentals of music through experiences with the keyboard, rhythm instruments, singing, listening, and note reading. Required for some elementary education majors and open to the general student. Acceptable as preparation for a music major or minor program. AP	
<b>MUS 171 Music Theory I</b>	<b>3 cr</b>
A detailed study of the development of Western Music's structural techniques and basic compositional components through the study and analysis of harmony and introduction to counterpoint. Notation, rhythm, major and minor keys, modes, root position triads, inverted chords, non-harmonic tones and an introduction to part writing will be studied. Includes keyboard work to examine, explore and understand the materials studied. Open to all students with consent of instructor. Required of students planning a music major or minor. Music majors and minors must enroll concurrently in MUS 181 to meet aural skills requirement. The Music Department recommends prior musical preparation. Prereq: Consent of instructor. FA	
<b>MUS 172 Music Theory II</b>	<b>3 cr</b>
Continuation of MUS 171. Melodic harmonization, voice-leading, harmonic and rhythmic progression, dominant seventh and leading-tone seventh chords, non-dominant seventh chords, introduction to modulation, secondary dominant and leading-tone chords, introduction to two and three-part forms and counterpoint will be studied. Required of students planning a music major or minor. Music majors and minors must enroll concurrently in MUS 182 to meet aural skills requirements. Prereq: Music 171. FA	

**MUSIC****Music Applied Chart**

Note: Applied Music courses are required for Music Majors. First-semester music majors will be limited to one-credit on their primary instrument. All applied courses are designated AP. (All applied music courses carry the prefix **MUA**.)

	<b>Beginning</b>		<b>Elementary</b>		<b>Credits</b>	<b>Intermediate</b>		<b>Credits</b>
PIANO*	001	002	003	004	1-2	005	006	1-2
ORGAN	069	070			1-2	093	094	1-2
VOICE	007	008			1-2	009	010	1-2
GUITAR	011	012			1-2	013	014	1-2
FLUTE	015				1-2	016	017	1-2
OBOE	018				1-2	019	020	1-2
CLARINET	021				1-2	022	023	1-2
SAXOPHONE	024				1-2	025	026	1-2
BASSOON	027				1-2	028	029	1-2
HORN	030				1-2	031	032	1-2
TRUMPET OR CORNET	033				1-2	034	035	1-2
TROMBONE	036				1-2	037	038	1-2
BARITONE	039				1-2	040	041	1-2
TUBA	042				1-2	043	044	1-2
PERCUSSION	045				1-2	046	047	1-2
VIOLIN	048				1-2	049	050	1-2
VIOLA	051				1-2	052	053	1-2
CELLO	054				1-2	055	056	1-2
STRING BASS	057				1-2	058	059	1-2
HARP	060				1-2	061	062	1-2
RECORDER	063				1-2	064	065	1-2
HARPSICHORD	066				1-2	067	068	1-2

	<b>1st Year</b>		<b>Credits</b>	<b>2nd Year</b>		<b>Credits</b>	<b>3rd Year</b>		<b>Credits</b>
PIANO*	105	106	1-2	205	206	1-2	305	306	1-2
ORGAN	103	104	1-2	203	204	1-2			
VOICE	109	110	1-2	209	210	1-2			
GUITAR	113	114	1-2	213	214	1-2			
FLUTE	116	117	1-2	216	217	1-2			
OBOE	119	120	1-2	219	220	1-2			
CLARINET	122	123	1-2	222	223	1-2			
SAXOPHONE	125	126	1-2	225	226	1-2			
BASSOON	128	129	1-2	228	229	1-2			
HORN	131	132	1-2	231	232	1-2			
TRUMPET OR CORNET	134	135	1-2	234	235	1-2			
TROMBONE	137	138	1-2	237	238	1-2			
BARITONE	140	141	1-2	240	241	1-2			
TUBA	143	144	1-2	243	244	1-2			
PERCUSSION	146	147	1-2	246	247	1-2			
VIOLIN	149	150	1-2	249	250	1-2			
VIOLA	152	153	1-2	252	253	1-2			
CELLO	155	156	1-2	255	256	1-2			
STRING BASS	158	159	1-2	258	259	1-2			
HARP	161	162	1-2	261	262	1-2			
RECORDER	163	164	1-2	263	264	1-2			
HARPSICHORD	169	170	1-2	271	272	1-2			

\*All Beginning and Elementary Applied Piano may be taught as a class or as private lessons.

## MUSIC - PHILOSOPHY

### **MUS 173 Music Literature and Appreciation** 3cr

A guide to the understanding of music through listening experiences in the various styles and historical periods. FA

### **MUS 174 Music Literature and Appreciation** 3 cr

A guide to the understanding of music through listening experiences in the various styles and historical periods. Although a continuation of MUS 173, MUS 173 is not a prerequisite for admission to this course. FA

### **MUS 181 Music Theory Aural Skills I** 2 cr

Development of skills in sight-singing and ear-training. Required of students planning a music major or minor and enrolled in MUS 171. AP

### **MUS 182 Music Theory Aural Skills II** 2 cr

Development of skills in sight-singing and ear-training. Required of students planning a music major or minor and enrolled in MUS 172. Prereq: MUS 181. AP

### **MUS 271 Music Theory III** 3 cr

A continuation of MUS 172 with an introduction to advanced harmony and counterpoint. Concepts of counterpoint, harmonic sequences, chromatic harmony, advanced modulation, Neapolitan and augmented sixth chords, more complex forms such as sonata, concerto, sonata-rondo and the fugue will be studied. Required of students planning a music major or minor. Music majors and minors must enroll concurrently in MUS 281 to meet aural skills requirements. Prereq: MUS 172. FA

### **MUS 272 Music Theory IV** 3 cr

A continuation of MUS 271. Embellishing chromatic chords, dominant prolongation, modulation to foreign keys, harmonic sequences, chromatic voice-leading, introduction to 20th century techniques including set theory, 12-tone serial techniques, pointillism, polytonality, cluster techniques, microtones, indeterminacy and 20th century notation will be studied. Required of students planning a music major or minor. Music majors and minors must enroll concurrently in MUS 282 to meet aural skills requirements. Prereq: MUS 271. FA

### **MUS 273 Jazz History and Appreciation** 3 cr

An introduction to the styles and forms of jazz through a study of its history, literature, cultural influences musical structure, and prominent performers. Includes recorded listening experiences. FA/ES

### **MUS 275 History of Western Music** 3 cr

A survey of the historical development of musical style and theoretical concepts from ancient Greece to about 1750. Required of students planning a music major or minor. Prereq: MUS 172 or consent of instructor. FA

### **MUS 276 History of Western Music** 3 cr

A continuation of MUS 275 from 1750 to the present. Required of students planning a music major or minor. Prereq: MUS 172 or consent of instructor. MUS 275 is not a prerequisite for admission to this course. FA

### **MUS 280 Conducting** 2 cr

Conducting techniques; emphasis on practical application to vocal and instrumental groups. AP

### **MUS 281 Music Theory Aural Skills III** 2 cr

Development of aural skills in sight-singing and ear-training. Required of students planning a music major or minor and enrolled in MUS 271. Prereq: MUS 182. AP

### **MUS 282 Music Theory Aural Skills IV** 2 cr

Development of aural skills in sight-singing and ear-training. Required of students planning a music major or minor and enrolled in MUS 272. Prereq: MUS 281. AP

### **MUS 295 Selected Studies** 0-3 cr

Single course offerings not listed in the catalog, reflecting individual campus interests. Prereq: cons. instr.

### **MUS 299 Independent Studies** 0-3 cr

Readings, papers, reports or projects to be determined by the instructor. Prereq: cons. instr.

### **MUS 299 Independent Studies** 0-3 cr

Recitals, musicals, opera, theater or opera workshops. Prereq: cons. instr.

## **Natural Resources (see *Biological Sciences*)**

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## **Philosophy**

### **PHI 101 Introduction to Philosophy** 3 cr

An introduction to philosophy as the activity of clarifying ideas, developing positions, and evaluating arguments on problems such as what is, what ought to be, freedom, God and knowledge. Some reference to positions of leading figures and schools of thought in the history of philosophy is usually involved. HU

### **PHI 102 Social and Political Philosophy** 3 cr

Studies of differing philosophical views about humankind and its political and social life. HU

### **PHI 103 Belief, Knowledge and Truth** 3 cr

Study of the grounds of rational belief and knowledge and the methods used for obtaining them, with particular emphasis on problems of evidence and truth. HU

### **PHI 106 Philosophy of Religion** 3 cr

An introduction to the problems inherent in defining the nature of religious experience and analyzing the concepts needed to explicate and communicate that experience, together with an analysis of various religious assumptions. HU

### **PHI 201 Asian Philosophy** 3 cr

An introduction to Asian philosophy through a study of opposing views about knowledge, nature, society and the individual. Areas of emphasis may include Chinese, Indian, Japanese and Muslim thought. HU

### **PHI 202 Feminist Philosophy** 3 cr

(Same as WOM 202.) An introduction to feminist philosophies through a study and critique of traditional and feminist views about women, their lives, society and knowledge, with particular attention to theories of women's oppression. HU



# PHILOSOPHY

- PHI 203 American Indian Philosophies** 3 cr  
A study of philosophical aspects of American Indian world views and practices—including a study of myth, ritual and ceremony—with an emphasis on systems of knowledge, explanations of natural phenomena, social and life cycle philosophies, and relations to nature. Attention will be given to historical and contemporary relations between American Indian and White cultures. HU/ES
- PHI 205 Philosophy of Love, Sex, and Friendship** 3 cr  
A philosophical examination of the nature and value of different sorts of intimate companions—friends, lovers, and families. HU
- PHI 210 Thinking Critically** 3 cr  
Argument in familiar contexts; emphasis on improving the student's skills in making and evaluating arguments. AP
- PHI 211 Elementary Logic** 3 cr  
Principles, standards and methods of distinguishing good reasoning from bad, as applied to deductive and inductive inferences. The course largely consists of substituting symbols for statements in arguments and understanding and assessing the logical structure of these arguments. May include a discussion of the nature and detection of fallacies and linguistic pitfalls affecting reasoning. MS
- PHI 220 Philosophy of Science** 3 cr  
An introduction to the presuppositions underlying the natural and social sciences; their nature and function, the logic of scientific method, and analysis of basic concepts such as cause, probability, determinism and teleology. HU
- PHI 226 Philosophical Ideas in Literature** 3 cr  
A study of philosophical and moral ideas as embodied in selected works of literary art: aesthetic analysis of their structure and content. HU
- PHI 233 The Concept of Mental Illness** 3 cr  
Examination of various definitions of mental illness and exploration of the issues different definitions raise. Topics covered include but are not confined to: the history of ideas of madness; the concept of disease and mental health and/or normalcy; the medical model; legal definitions. Representation of how various mental conditions appear is part of the course. HU
- PHI 237 Technology, Values, and Society** 3 cr  
An examination of ethical issues in technology, which may include freedom, censorship, privacy, equality, democratic participation, intellectual property, education, law enforcement, institutional change, and work. HU
- PHI 240 Existentialism** 3 cr  
An introduction to existential philosophy through critical examination of philosophical problems found in the writings of selected existential philosophers from Kierkegaard to the present. HU
- PHI 241 Ethics** 3 cr  
Nature of moral problems and of ethical theory, varieties of moral skepticism, practical ethics and the evaluation of social institutions. HU
- PHI 243 Business Ethics** 3 cr  
(Same as BUS 242.) Critical discussion of ethical reasoning and moral values in business and industry; includes relevant case studies and readings. HU
- PHI 244 Environmental Ethics** 3 cr  
Philosophical examination of both traditional and recent concepts and values which structure human attitudes towards the natural environment. HU
- PHI 248 Biomedical Ethics** 3 cr  
Study of ethical issues pertaining to medicine and related biological sciences. Issues covered usually include abortion, euthanasia, truth telling, confidentiality, experimentation on human subjects, behavior modification, genetic engineering, criteria of death, organ transplants, professional relationships and professional duties. HU
- PHI 253 Philosophy of the Arts** 3 cr  
Examination of production, appreciation and criticism of works of art; sources and uses of standards. HU
- PHI 258 Human Nature, Religion and Society** 3 cr  
Study and critique of the views of theistic and secular writers concerning religion and its relationship to individual and social problems. HU
- PHI 259 Philosophy and Racism** 3 cr  
Examination of the concept of race in the societies that use this notion to structure themselves—with concentration on its use in the United States. The following topics are part of the course: what racism is, particularly how racism is seen from the dominant standpoint as opposed to how racism is seen from those who experience it; how the structure of racism has differed in regard to different ethnic groups; comparison of the experience of at least two different ethnic groups in the US in this regard; the place (or lack of place) of (im) morality in the creation of and in solutions to the problem. HU/ES
- PHI 291 Selected Topics in Philosophy** 3 cr  
Each course offering must be approved by both the local campus and the chair of the department. Prereq: varies with each offering. \*
- PHI 299 Independent Reading in Philosophy** 1-3 cr  
Program must be approved by chair of the department. Prereq: cons. instr. \*

## PHYSICAL EDUCATION AND ATHLETICS

### Physical Education and Athletics

Basic physical education open to all students; the courses develop skills, teach rules and prepare students for recreational enjoyment.

One credit courses. All courses are AP.

<b>PED</b>	001	Archery
	002	Badminton
	005	Basketball
	006	Beginning Bowling
	007	Intermediate Bowling
	009	Beginning Golf
	010	Intermediate Golf
	012	Racquetball & Handball
	014	Softball
	016	Beginning Tennis
	017	Intermediate Tennis
	018	Beginning Volleyball
	019	Weight Training
	022	Intermediate Volleyball
	024	Aerobic Dance
	026	Bicycling
	027	Introduction to Fitness
	028	Advanced Fitness
	032	Beginning Fencing
	033	Intermediate Fencing
	037	Martial Arts
	041	Beginning Downhill Skiing
	042	Intermediate Downhill Skiing
	043	Cross Country Skiing
	044	Tumbling and Trampoline
	046	Yoga-Relaxation
	048	Orienteering
	055	Beginning Swimming
	056	Intermediate Swimming
	058	Life Guard Training
	061	Scuba Diving

Courses with emphasis on learning the skills, rules and teaching techniques. Primarily for students planning to major in physical education or related fields, but open to other students.

One credit courses. All courses are AP.

<b>PED</b>	102	Basketball Fundamentals
	104	Badminton
	106	Curling
	108	Ballroom Dance
	109	Golf
	110	Racquetball & Handball
	113	Beginning Swimming
	115	Volleyball
	116	Tennis
	117	Soccer
	118	Weight Training

**PED 123 CPR** **1 cr**  
Includes First Aid techniques for rescue breathing, cardiopulmonary resuscitation, and care for an obstructed airway for adults, children and infants. Course objectives include early warning signs, proper response and prevention. AP

**PED 124 Alcohol and Other Drugs: Awareness, Alternatives** **1 cr**  
The course will present up-to-date information on drugs and their abuse. Alternative activities such as fitness, stress management, moderation training and smoking cessation will be discussed. Opportunities for implementation of alternatives will be provided. EL

**PED 127 Fitness for Life** **2 cr**  
A contemporary examination of the effects of lifestyle, wellness, and health promotion on the individual. Instruction in procedures for self-evaluation as well as individualization of exercise prescription for the development of fitness. Participation in a planned program of aerobic activity is required. AP

**PED 131-132** **1 cr each**  
Officiating courses present a theoretical and practical approach to officiating athletic contests at various levels of competition. The mechanics of officiating, knowledge, interpretation of rules and field experience are integral parts of the courses. All courses are AP.

131	Officiating Volleyball
132	Officiating Basketball

### Professional Physical Education Courses for Majors & Minors

**PED 203 Introduction to Play and Recreation** **2 cr**  
Emphasizes design, leadership, programs and the administration of parks and playgrounds. AP

**PED 204 Principles of and Introduction to Physical Education** **2 cr**  
An overview of health education, physical education, intramurals, athletics and recreation; specialized areas in the various fields and the vocational opportunities offered in each; personal and professional qualifications of a physical educator with emphasis on establishing the role of physical education in society. EL

**PED 205 Prevention and Treatment of Athletic Injuries** **2 cr**  
Procedures and techniques in the prevention and care of common athletic injuries. Assessment, rehabilitation and the relationship of an athletic trainer to athletes, coaches and administrators. AP

**PED 206 Personal Health & Wellness** **3 cr**  
Survey of the various aspects of health and wellness which affect both the individual and the community. EL

**PED 207 Basketball Theory and Coaching** **2 cr**  
Theory and methods of teaching and coaching basketball. Skill analysis, practice schedules, rules and fundamentals of individual and team play are covered. AP

**PED 208 Developmental Activities for Children** **2 cr**  
The theory, organization and teaching of developmental activities to elementary school children. Observation and practical teaching labs. AP

## PHYSICAL EDUCATION AND ATHLETICS - PHYSICS

### **PED 211 Physical Education for Elementary Schools** 2-3 cr

Thorough examination of elementary school curricula through field observation, teaching and participation in activities. Bases for planning curriculum for primary and elementary grades are developed through selective readings and discussions. AP

### **PED 212 Tumbling, Trampoline and Floor Exercise** 2 cr

Skill development, safety, spotting techniques and teaching progressions in tumbling, trampoline and floor exercise for students majoring in physical education and related fields. AP

### **PED 213 First Aid and Emergency Medical Care** 3 cr

Principles and procedures in emergency and home medical care designed to prepare the layperson for emergencies likely to be encountered in daily living. AP

### **PED 217 Social Aspects of Sport** 3 cr

A course focusing on sport institutions as social organizations and how they function within a culture. Emphasis is placed on group structure and membership and group pressure, socialization, stratification and deviance as they apply to the sport's setting. Selected topics include sport in educational institutions, minorities and women in sport, sport as work and play, and sport and the media. SS

### **PED 220 Water Safety Instructor** 2 cr

Designed to train instructor candidates to teach American Red Cross water safety courses (not Lifeguard Training). Use of program materials, planning and conducting effective courses, evaluation of student progress, and preparation and submission of accurate reports and records are included in the course. Students successfully completing the course will be ARC certified. AP

### **PED 291 Special Topics in Physical Education** 1-3 cr

Course content must be approved by the local campus and the department chair. EL

### **PED 299 Independent Study in Physical Education** 1-3 cr

Program must be approved by the department chair. EL

## Physics

### **PHY 107 Ideas of Modern Physics** 3-4 cr

An introductory course for non-science majors, with particular emphasis on the development of modern theoretical concepts. Central topics: classical mechanics, electromagnetism, quantum theory, relativity theory; and some discussion of historical and philosophical aspects. May be offered without laboratory work for three credits or with laboratory for four credits. Check the campus timetable for credits listed. Not open to those who have had one or more courses in college physics; does not apply toward engineering or physics majors or toward the physics requirements for pre-professional courses. Prereq: minimal mathematics preparation. NS (if 4 cr. also LS)

### **PHY 110 Physics for the Health Sciences** 3-4 cr

A descriptive introduction to those basic concepts of physics which have application to human health in general and to the medical and paramedical professions in particular. Primary attention will be paid to the physics of various functions of the human body (e.g., muscular and skeletal motions, the several senses and neural processes) and to the physics of commonly used instruments and equipment. Prereq: high school general science and algebra or cons. instr. NS (if 4 cr. also LS)

### **PHY 120 Physical Science** 3-4 cr

Selected topics from physics, geology and astronomy. Not intended for those planning to major in a physical science; does not fulfill the prerequisites for any more advanced courses. May be offered without a laboratory for three credits or with a laboratory for four credits. Not open to those who have had PHY 141, PHY 201 or equivalent. NS (if 4 cr. also LS)

### **PHY 141 General Physics** 4-5 cr

The study of mechanics, heat, wave motion and sound. Recommended for students majoring in business, elementary education, medical technology, pharmacy, pre-dentistry and pre-medical studies. Three hours of lecture and three hours of laboratory-discussion per week or equivalent. Prereq: competency at MAT 105 level. NS/LS

### **PHY 142 General Physics** 4-5 cr

A continuation of Physics 141. Electricity, magnetism, light, and atomic and nuclear physics. Three hours of lecture and three hours of laboratory-discussion per week or equivalent. Prereq: PHY 141. NS/LS

### **PHY 201 General Physics** 5 cr

The study of mechanics, heat, wave motion and sound. Recommended for physical science and engineering majors. Three hours of lecture, one hour of discussion and three hours of laboratory per week or equivalent. Prereq: MAT 221 or concurrent registration with cons. instr. NS/LS

### **PHY 202 General Physics** 5 cr

A continuation of Physics 201. Electricity, magnetism, light and nuclear physics. Prereq: PHY 201, concurrent registration in MAT 222 or cons. instr. NS/LS

### **PHY 205 Modern Physics** 3 cr

Introduction to atomic, nuclear and solid state physics; kinetic theory; and quantum theory. Prereq: PHY 202 and cons. instr. NS

### **PHY 291 Topics in Physics** 1-3 cr

An extended coverage of one or more topics in physics such as environmental physics, energy, biophysics, mechanics, electricity and magnetism, electro-magnetic radiation, statistical physics, solid state physics, relativity, quantum mechanics, and atomic and nuclear physics. Prereq: cons instr. \*

### **PHY 299 Independent Study** 1-3 cr

Independent study under the supervision of an instructor. The work may, for example, consist of advanced laboratory investigation into a particular topic or library research and writing of a paper on some subject of interest. Prereq: cons. instr. \*

### **Physiology (see Biological Sciences)**

## POLITICAL SCIENCE - PSYCHOLOGY

### Political Science

- POL 101 Introduction to Politics** 3 cr  
A general introduction to politics, including basic concepts such as power, authority, legitimacy, justice, and problems common to all political systems. Students will be challenged to discover their own political identity. SS
- POL 104 American Government and Politics** 3 cr  
Analysis of the decision-making structure and processes of American national government, including the role of parties and interest groups, and the value preferences within American society which affect the formation of public policy. SS
- POL 105 State and Local Supplement to POL 104 for Teachers** 1 cr  
Study of state and local governments to satisfy the DPI requirement for such content. A one-credit supplement for non-social studies education majors to be taken with or following POL 104, American Government and Politics. Prereq: POL 104 or concurrent enrollment. SS
- POL 120 Politics of Crime and Punishment** 3 cr  
Focuses on the competing goals of public policy in criminal justice, from public order, due process, efficiency, rights, and liberties. Analyzes the interplay of key actors including police, courts, and prisons in policy-making and implementation. Includes the role of media and myth. SS
- POL 160 Politics of Major States** 3 cr  
Studies a select set of important states with different political, economic and cultural characteristics. Compares economic, social and political issues and policy choices, in addition to governance. Recommended for Business, Journalism, Education, and Political Science majors. SS
- POL 175 International Politics** 3 cr  
Global problems, issues and debates since the end of the Cold War, including terrorism, cultural and religious conflict, and changing power relations. Impact of social, economic and technological change and evolution of the state system. Cooperative problem-solving and peace-making. SS
- POL 193 Campaigns and Elections: Voters, Candidates and Strategies** 3 cr  
This course provides an examination of political campaigns and strategies, and the nomination and electoral systems. Topics covered in class include the role of interest groups, PACs and professional support organizations, campaign finance, and the role of the media. Prereq: ENG 101 or its equivalent. SS
- POL 201 Introduction to Political Theory** 3 cr  
What is the ideal in politics and government? A survey and analysis of ideas relating to political systems and values. Prereq: previous course in political science or cons. instr. SS
- POL 219 Public Policy** 3 cr  
An exploration of the public policy-making process in the U.S. with attention to select contemporary issues in American policy debates (environment, energy, health, economic management, et al). Prereq: previous course in political science or cons. instr. SS

- POL 225 State and Local Government** 3 cr  
Organization, structure and functions of state and local governments in general, while using Wisconsin as a prime example. SS
- POL 231 Sex, Power and Public Policy** 3 cr  
(Same as WOM 231.) An examination of controversial issues of gender that affect equality and power. Includes women's movement and the search for equality, justice, and freedom. Examines political and judicial policies that exemplify success and failure. Prereq: Recommend one semester of college or cons. instr.
- POL 235 Politics of American Minorities** 3 cr  
Examination of the struggle between and among ethnic, racial and language groups in American politics. Prereq: Recommend one semester of college or cons. instr. SS/ES
- POL 250 Government and Business** 3cr  
A survey of government activities, regulations and policies affecting business and the economic system, such as anti-trust, safety and health regulations, subsidies, transfer payments, public works and government corporations. Prereq: POL 104 or ECO 204. SS
- POL 280 Terrorism** 3 cr  
Terrorism, both current and historic, will be analyzed in its development, logic and impact. Includes controversies over security and liberty, intelligence and forewarning, and deals with political, philosophic and religious aspects. A major feature is analysis of alternative responses to terrorism, and local coping strategies (disaster management). Prereq: prior semester of college. SS
- POL 298 Special Topics** 1-3 cr  
A course for topics which would be appropriate for freshmen and sophomores. Topic and number of credits will be announced in the timetable. \*
- POL 299 Independent Reading** 1-3 cr  
Survey of literature in a particular subject, possibly concluding with a research project supervised by the instructor. Subject and specific requirements determined by instructor/student agreement. Prereq: cons. instr. \*
- POL 308 American Presidency** 3 cr  
The President as chief administrative leader, political leader, foreign policy initiator, commander-in-chief and head of state. Prereq: previous course in political science. SS

### Psychology

- PSY 201 Introductory Psychology** 4 cr  
Survey of major content areas in psychology. Topics include research methodology, learning, memory, cognition, biological psychology, sensation, perception, motivation, emotion, development, personality, psychopathology and social psychology. Students may not receive credit for both PSY 201 and PSY 202. SS
- PSY 202 Introductory Psychology** 3 cr  
(See PSY 201 course description.) Students who have taken PSY 201 may not take this course for credit. SS



## PSYCHOLOGY - SOCIOLOGY

### **PSY 203 Individuals and Institutions: Concepts/Experience** 3 cr

Lecture/discussion presentation of concepts of human behavior will be related to concurrent experiences in community agencies such as schools, social service departments and hospitals. Agency placements involve a minimum commitment of four hours per week and will provide some direct contact between the students and agency clients. Two hours of lecture and discussion will be required, with opportunity for additional individual discussion. Prereq: PSY 201 or PSY 202 or concurrent registration and cons. instr. AP

### **PSY 208 Psychology of Gender** 3 cr

(Same as WOM 208.) The process and consequences of gender development; review of current gender research and theory in the context of cultural, psychological, biological, historical and cross-cultural perspectives. The course focuses on female and male experience as it relates to issues such as cognition, value systems, achievement, interpersonal relationships, aggression and sexuality. Prereq: PSY 201 or 202 (grade of C- or better) or cons. instr. SS

### **PSY 210 Statistical Methods in Psychology** 3 cr

An introduction to descriptive and inferential statistics. Topics include measures of central tendency, measures of variability, correlation and regression, sampling distributions, and hypothesis testing procedures including t-tests and analysis of variance. Prereq: PSY 201 or 202 (grade of C- or better) or concurrent registration and introductory college algebra, or exemption, or cons. instr. MS

### **PSY 224 Conceptual Introduction to Statistics** 1 cr

This course is a supplement to PSY 225 for students who have had no previous course in statistics. It is not a substitute for PSY 210 and does not satisfy requirements for an introductory course in statistics. Prereq: PSY 201 or 202 (grade of C- or better) or cons. instr. and concurrent registration in PSY 225. MS

### **PSY 225 Experimental Psychology** 5 cr

Emphasis on research techniques, design, and methodologies including the collection, analysis and reporting of psychological data. Lecture and laboratory. Prereq: PSY 210, equivalent statistics course or cons. instr. NS/LS

### **PSY 250 Life Span Developmental Psychology** 3 cr

A survey of human development theories and research. Topics include the biological, cognitive, emotional and social development of the individual from the prenatal period through old age. Students may not receive credit for both PSY 250 and PSY 360 or PSY 362. Prereq: PSY 201 or 202 (grade of C- or better) or cons. instr. SS

### **PSY 254 Behavioral Neuroscience** 3 cr

Discussion of the biological substrates of attention, emotion, motivation, learning, cognition, language and psychopathology; includes an examination of research using lesions, stimulation and neuroimaging. Some background in biology is strongly recommended. Prereq: PSY 201 or 202 (grade of C- or better) or cons. instr. NS

### **PSY 270 Psychological Approaches to Minority Issues** 3 cr

The use of psychological concepts, principles and research to enhance understanding of the experience of racial/ethnic minority groups. Topics may include identity formation, prejudice, discrimination, developmental variations, family life, socialization and mental health issues. Prereq: PSY 201 or 202 (grade of C- or better) or cons. instr. SS/ES

### **PSY 299 Directed Study in Psychology** 1-3 cr

Directed reading of the literature in a particular subject, possibly including a research project, under the personal supervision of the instructor. Prereq: PSY 201 or 202 (grade of C- or better) and cons. instr. \*

### **PSY 307 Psychology of Personality** 3 cr

Discussion of major theories and research in personality; may include psychoanalytic, dispositional, behavioral, cognitive, humanistic, and biological perspectives. Prereq: PSY 201 or 202 (grade of C- or better) or cons. instr. SS

### **PSY 309 Abnormal Psychology** 3 cr

Contemporary theory and research on abnormal behavior, includes diagnostic categories, approaches to treatment and understanding of abnormal behavior. Prereq: PSY 201 or 202 (grade of C- or better) or cons. instr. One additional course in psychology is recommended. SS

### **PSY 311 Current Topics in Psychology** 1-3 cr

Specific topic to be announced in campus timetable. Prereq: PSY 201 or 202 (grade of C- or better) or cons. instr. \*

### **PSY 330 Social Psychology** 3 cr

Theory and research in areas such as social cognition, attitude formation and change, attribution theory, attraction, group processes, social influence, aggression and prosocial behavior. Prereq: PSY 201 or 202 (grade of C- or better) or cons. instr. SS

### **PSY 360 Psychology of Childhood and Adolescence** 3 cr

A survey of human development theories and research. Topics include the biological, cognitive, emotional and social development of the individual from the prenatal period through adolescence. Students may not receive credit for both PSY 360 and PSY 250. Prereq: PSY 201 or 202 (grade of C- or better) or cons. instr. SS

### **PSY 362 Psychology of Adulthood and Aging** 3 cr

Topics include physical, intellectual, personal and interpersonal development, with emphasis on adaptive responses to life challenges such as career choices, marriages, parenthood, aging and dying. Students may not receive credit for both PSY 362 and PSY 250. Prereq: PSY 201/202 (grade of C- or better) or cons. instr. SS

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## Sociology

### **SOC 101 Introduction to Sociology** 3 cr

Introduction to the basic concepts, theories and methods of sociology, emphasizing the significance of the self and culture, social process and organization, and forces of social stability and change. SS



## SOCIOLOGY

- SOC 125 American Society in the Contemporary World** 3 cr  
Explores contemporary U.S. society in an international and comparative context. Focuses on social structure and institutions, cultural values, the forces of change and the web of relations among countries. SS
- SOC 130 Contemporary Social Problems** 3 cr  
Sociological analysis of the nature, extent, causes and potential solutions to selected major social problems such as poverty and wealth, racial and gender discrimination, crime and violence, drug abuse, family problems, quality of education, inadequate health care, population problems, intergroup conflict and threats to the environment. SS
- SOC 160 Sociology of Human Sexuality** 3 cr  
Sociological overview of issues in human sexuality. Course is based on sociological investigations of the origins, nature and biosocial consequences of varying customs and ideals of human sexuality. Among topics that may be covered are: sex and family life, contraception, abortion and social power, violations of sexual norms and ideas about sexual propriety, origins and impact of sexual liberation movements, sociosexual aspects of epidemics, sociological interpretations of sexual dissatisfactions. SS
- SOC 220 Sociology of Marriage and the Family** 3 cr  
Marriage and the family as social institutions in a changing world. Historical changes and societal variations in family patterns. Changes over the life cycle. Explores the sources and consequences of a variety of family forms. Not recommended for first-semester freshmen, except with consent of instructor. SS
- SOC 231 Crime and Criminal Justice** 3 cr  
Explores the nature of crime and reviews ideas about definitions, causes, and solutions. Includes an introduction to the day-to-day functioning of the criminal justice system, the police, lawyers, courts, and correctional personnel. Not recommended for first-semester freshmen, except with consent of instructor. SS
- SOC 234 Sociology of Race and Ethnicity** 3 cr  
The experience of American racial, religious, ethnic and nationality groups. The nature of intergroup relations in the United States. Relationship of intergroup dynamics to social change, and to basic ideological, technological, and institutional structures and processes. Emphasis on social conflict over the distribution of economic and political power, family patterns, housing, education and access to the legal system. Not recommended for first-semester freshmen, except with consent of instructor. SS/ES
- SOC 238 Sociological Perspectives on Gender** 3 cr  
(Same as WOM 138.) A sociological examination of roles assigned to women and men in society, including the experiences of marriage, parenthood, employment and occupational attainment. Pays particular attention to gender role socialization and its cultural reinforcement, to patterns of gender relations and to ongoing changes. Not recommended for first-semester freshmen, except with consent of instructor. SS
- SOC 246 Juvenile Delinquency** 3 cr  
Examines the theories of the nature, causes, consequences, and prevention of juvenile misbehavior through examination of historic changes in the definition and frequency of juvenile offenses. Controversies over the practice of distinguishing juvenile crime and misbehavior from adult crime. Controversies over the treatment and punishment of juveniles, in connection with the activities of juvenile courts, parents and school officials, local communities, police departments, politicians, networks of attorneys and treatment personnel, and correctional authorities. Prereq: sophomore standing or cons. instr. SS
- SOC 250 People, Organizations and Society** 3 cr  
Role of organizations, such as business, government, education and religion in American society. Impact of organizations on members and clients, the internal dynamics of organizations, and the interchange between organizations and their environment, including the society as a whole. Prereq: sophomore standing. SS
- SOC 270 Introduction to World Population** 3 cr  
Determinants and consequences of population size and growth. Changing levels of fertility, mortality, and migration rates and patterns and their social and economic implications. Examination of population policy in countries at various stages of economic development, e.g., international labor migration, China's one-child policy, U.S. immigration laws, euthanasia policy in the Netherlands, controversies over international aid for population regulation, influence of world religions on population policy. Not recommended for first-semester freshmen, except with consent of instructor. SS
- SOC 275 Sociology of Religion** 3 cr  
A sociological approach to the study of religion, its institutional forms, aims, and impact on society. Attention is given to the theories of the sociology of religion and to the interaction of religion and the social, political, and economic structures of society. Special emphasis is given to those religions which influence U.S. society. Not recommended for first-semester freshmen, except with consent of instructor. SS
- SOC 285 Sociology of Health and Illness** 3 cr  
Sociological perspectives on health and illness, with special attention to changes in patterns of illness and death as they relate to broader socio-economic changes and to changes in the orientation and organization of health care providers. Among major topics that the course covers are: competing theories of disease and death trends; social circumstances under which epidemics emerge and are curbed; public health and medical center models of providing health care and preventing disease, injury, and death; organization of health care providers; comparisons among health systems. Not recommended for first-semester freshmen, except with consent of instructor. SS
- SOC 291 Selected Topics in Sociology** 1-3 cr  
A specific topic in an instructor's area of special competence. When offered, the particular topic is indicated in the campus timetable. A prerequisite or cons. instr. may be required. \*
- SOC 299 Independent Reading in Sociology** 1-3 cr  
A prerequisite or cons. instr. may be required. \*

## SOCIOLOGY - SPANISH

### **SOC 335 Introductory Social Psychology** 3 cr

Introduction to the general area of social psychology with focus on social interaction and sociology's contributions to the study of small groups and subcultures; topics include socialization, motivation, attitudes, values, communications, leadership. Prereq: previous sociology course or cons. instr. SS

### **SOC 355 Sociology of the Environment** 3 cr

Explores the socio-cultural foundations of our relationship with the natural environment. Examines the relationship between environmental degradation and social, political, and economic structures. Explores beliefs and values about the environment and their expression in various forms of environmentalism and environmental movements. Also analyzes the presentation of environmental issues in cultural, political, and scientific domains. Prereq: previous sociology course or cons. instr. SS

### **SOC 357 Methods of Social Inquiry** 3 cr

Scientific methods and their application in the analysis of society, procedures in testing social theory, problem definition, hypothesis construction and collection and evaluation of data. Prereq: previous sociology course or cons. instr. SS

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## **Spanish**

### **SPA 101 First Semester Spanish** 4 cr

For students who have had no previous training in the language. Emphasis on reading, writing, listening and speaking in Spanish. Classes also may include cultural studies of Spain and Latin America. Field trip may be required. AP

### **SPA 103 First Semester-Part I** 2 cr

For students who have had no previous training in the language. This course is the first module of a two-part introductory sequence. Emphasis on reading, writing, listening and speaking in Spanish. Classes may include cultural studies of Spain and Latin America. Field trip may be required. No prereq. (This course in combination with SPA 104 is equivalent to SPA 101.) AP

### **SPA 104 First Semester-Part II** 2 cr

Continuation of SPA 103 and second module of a two-part introductory sequence. Field trip may be required. Prereq: SPA 103 or cons. instr. (This course in combination with SPA 103 is equivalent to SPA 101.) AP

### **SPA 105 Second Semester Spanish** 4 cr

Continuation of SPA 101 or SPA 104. Field trip may be required. Prereq: SPA 101 or SPA 104 or cons. instr. AP

### **SPA 106 Second Semester-Part I** 2 cr

Continuation of SPA 101 or SPA 104. This is the first module of a two-part second-semester sequence. Field trip may be required. Prereq: SPA 101 or SPA 104 or cons. instr. (This course in combination with SPA 107 is equivalent to SPA 105.) AP

### **SPA 107 Second Semester-Part II** 2 cr

Continuation of SPA 106 and second module of a two-part second-semester sequence. Field trip may be required. Prereq: SPA 106 or cons. instr. (This course in combination with SPA 106 is equivalent to SPA 105.) AP

### **SPA 118 Practical Spoken Spanish** 1-2 cr

Emphasis on the spoken language in everyday contexts. Not part of the sequence of required foreign language courses. Prereq: cons. instr. AP

### **SPA 201 Third Semester Spanish** 4 cr

Reviews grammar taught during first two semesters while adding new material with some stress on idiomatic usage. All four skills (reading, writing, listening and speaking) are practiced and continued emphasis is placed on acquisition of cultural knowledge. Field trip may be required. Prereq: SPA 105 or SPA 107 or cons. instr. HU

### **SPA 203 Third Semester-Part I** 2 cr

This course is the first module of a two-part third-semester sequence. Reviews grammar taught during the first two (or four) semesters while adding new material with some stress on idiomatic usage. All four skills (reading, writing, listening and speaking) are practiced and continued emphasis is placed on acquisition of cultural knowledge. Field trip may be required. Prereq: SPA 105 or SPA 107 or cons. instr. (This course in combination with SPA 204 is equivalent to SPA 201.) HU

### **SPA 204 Third Semester-Part II** 2 cr

Continuation of SPA 203 and second module of a two-part third-semester sequence. Field trip may be required. Prereq: SPA 203 or cons. instr. (This course in combination with SPA 203 is equivalent to SPA 201.) HU

### **SPA 205 Fourth Semester Spanish** 4 cr

Continuation of SPA 201 or SPA 204. Reading, writing, audio/oral practice, cultural insights based on literary texts in Spanish. Field trip may be required. Prereq: SPA 201 or SPA 204 or cons. instr. HU

### **SPA 206 Fourth Semester-Part I** 2 cr

Continuation of SPA 201 or SPA 204. This is the first module of a two-part fourth-semester sequence. Reading, writing, audio/oral practice, cultural insights based on literary texts in Spanish. Field trip may be required. Prereq: SPA 201 or SPA 204 or cons. instr. (This course in combination with SPA 207 is equivalent to SPA 205.) HU

### **SPA 207 Fourth Semester-Part II** 2 cr

Continuation of SPA 206 and second module of a two-part fourth-semester sequence. Field trip may be required. Prereq: SPA 206 or cons. instr. (This course in combination with SPA 206 is equivalent to SPA 205.) HU

### **SPA 215 Elementary Conversation and Composition** 1-2 cr

May be taken concurrently with SPA 201 or by itself. Stresses practical application of theory learned in 4-credit courses. Written and audio/oral exercises based on cultural, everyday topics. Carries no retroactive credit. Prereq: SPA 105 or SPA 107 or cons. instr. AP

### **SPA 216 Elementary Conversation and Composition** 1-2 cr

May be taken concurrently with SPA 205. Carries no retroactive credit. Prereq: SPA 215 or cons. instr. AP

## SPANISH - WOMEN'S STUDIES

### SPA 219 Spanish for Business 3 cr

Designed to acquaint the student with the vocabulary and practices of the business community. Oral and written practice in the preparation of letters and forms. Carries no retroactive credit for work completed in high school. Prereq: SPA 201 or SPA 204 or cons. instr. AP

### SPA 221 Introductory Survey of Peninsular 3 cr

Literature, Eighteenth to Twentieth Centuries  
Modern masterpieces in fiction, drama, poetry and essay.  
Lectures in literary history and criticism, exercises in interpretation, compositions, oral presentations and class discussions in Spanish. Prereq: SPA 205 or SPA 207 or cons. instr. HU

### SPA 222 Introductory Survey of Peninsular 3 cr

Literature, Twelfth to Seventeenth Centuries  
Masterpieces in fiction, drama, poetry and essay from the medieval period through the Golden Age. Lectures in literary history and criticism, exercises in interpretation, compositions, oral presentations and class discussions in Spanish. Prereq: SPA 205 or SPA 207 or cons. instr. HU

### SPA 225 Intermediate Conversation and Composition 3 cr

Development of written and oral proficiency through systematic exposure to modern cultural developments as found in a variety of contemporary texts. Discussion and composition exercises deal with cultural topics introduced by original authors. Prereq: SPA 205 or SPA 207 or cons. instr. HU

### SPA 226 Intermediate Conversation and Composition 3 cr

Continuation of SPA 225. Prereq: SPA 225 or cons. instr. HU

### SPA 235 Spanish Culture and Civilization 1-3 cr

Lectures and readings in English on the art, music, architecture, politics, economics and history of Spain. No knowledge of Spanish required. No foreign language credit. HU

### SPA 236 The Culture and Civilization 1-3 cr of Latin America

Lectures and readings in English on the art, music, architecture, history and politics, as well as the social and economic problems of Latin-American countries from Pre- Columbian times to the present. No knowledge of Spanish required. No foreign language credit. HU

### SPA 237 Chicano Literature 3 cr

Lectures and readings in English of novels, plays and poetry written by Chicano authors. Focuses on cultural differences and alternatives in order to lead students to question previous stereotypes and to come to a new understanding of the Chicano struggle for identity. No knowledge of Spanish required. Prereq: ENG 102 or a grade of B or better in ENG 101. HU/ES

### SPA 277 Special Topics in Literature in Translation 2-3 cr and/or Culture and Civilization

Treats various topics of Spanish or Latin-American literature and/or culture to be specified by instructor in campus timetable. Lectures, class discussions and written work in English. No knowledge of Spanish necessary. No foreign language credit. HU

### SPA 291 Selected Topics in Spanish 2-3 cr

Cultural, literary or linguistic themes as specified in campus timetable. Prereq: SPA 205 or SPA 207 or cons. instr.\* (Associate degree designation will be determined by course content.)

### SPA 299 Intermediate Independent Reading 1-3 cr

Individual student(s) assigned readings, reports and papers on topic determined by instructor. One-on-one meetings to be arranged. Prereq: SPA 205 or SPA 207 and cons. instr. \* (Associate degree designation will be determined by course content.)

### Wildlife (see *Biological Sciences*)

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## Women's Studies

### WOM 101 An Introduction to Women's Studies 3 cr

An introduction to the major issues addressed by women's studies with an emphasis on the theories and methodologies involved in gaining accurate knowledge about women's lives and contributions to society, both within the United States and around the world. Literary, philosophical, historical and social science perspectives are used to understand the experience of women and the cultural construction of gender. SS, IS

### WOM 138 Sociological Perspectives on Gender Roles 3 cr

(Same as SOC 238.) A sociological examination of roles assigned to women and men in society, including the experiences of marriage, parenthood, employment and occupational attainment. Pays particular attention to gender role socialization and its cultural reinforcement, to patterns of gender relations and to ongoing changes. SS

### WOM 202 Feminist Philosophy 3 cr

(Same as PHI 202.) An introduction to feminist philosophies through a study and critique of traditional and feminist views about women, their lives, society and knowledge, with particular attention to theories of women's oppression. Prereq: three credits in philosophy recommended but not required. HU

### WOM 208 Psychology of Gender 3 cr

(Same as PSY 208.) The process and consequences of gender development: review of current gender research and theory in the context of cultural, psychological, biological, historical and cross-cultural perspectives. This course focuses on female and male experience as it relates to issues such as cognition, value systems, achievement, interpersonal relationships, aggression and sexuality. Prereq: PSY 201 or 202 (grade of C- or better) or cons. instr. SS

### WOM 231 Feminism, Equality and Public Policy 3 cr

(Same as PHI 231 and POL 231.) This course involves a discussion and examination of the issues which generate public policy such as affirmative action, comparable worth, pornography, abortion, etc. from the viewpoint of philosophy and political science. EL

### WOM 250 Women in Cross-Cultural Perspective 3 cr

(Same as ANT 250.) Study of women in a variety of cultures around the world, both past and present. Includes consideration of the sexual division of labor, marriage systems, child rearing, relationships between men and women, systems of myth and ideology concerning women's roles, and the effects of socio-economic development and rapid social change. SS

## WOMEN'S STUDIES - NON-DEGREE CREDIT COURSES

**WOM 279 Women in Literature** 3 cr  
 (same as ENG 279.) A study of women characters and/or authors in their cultural contexts through a survey of significant poetry, drama, fiction, and/or nonfiction. Prereq: Exemption from ENG 101 based on placement test score or ENG 101 or cons. instr. May be taken for credit more than once if content changes. HU

**WOM 291 Selected Topics in Women's Studies** 1-3 cr  
 Designed to focus in depth on a particular area of women's studies. Specific topic to be announced in campus timetable. Prereq: cons. instr. \*

**WOM 299 Independent Study in Women's Studies** 1-3 cr  
 Extensive reading for the purpose of surveying the literature in a particular area, possibly including a research project, under the personal supervision of the instructor. Prereq: cons. instr. \*

### Zoology (see *Biological Sciences*)

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## Non-Degree Credit Courses

### English

**ENG 095 Basics of Composition** 3 non-degree cr  
 A study of fundamental writing skills, including grammatical conventions, usage, sentence structure, paragraph development and the organization of short essays. This course is offered through a contractual arrangement with the local WTCS institution. Recommended: First Semester Enrollment.

**ENG 097 Basics of Composition** 3 non-degree cr  
 A study of fundamental writing skills, including grammatical conventions, usage, sentence structure, paragraph development and the organization of short essays. This course is offered by the campus TRIO/minority/disadvantaged program. Recommended: First Semester Enrollment.

**ENG 098 Basics of Composition** 3 non-degree cr  
 A study of fundamental writing skills, including grammatical conventions, usage, sentence structure, paragraph development and the organization of short essays. Recommended: First Semester Enrollment.

**ENG 099 Basic Writing Tutorial** 1-3 non-degree cr  
 Intended primarily for students concurrently enrolled in Basics of Composition or Composition I, this tutorial will provide individualized instruction to help students develop the fundamental writing skills and basic techniques of composition required for success in those courses and in higher-level composition courses. Non-degree credit.

### Learning Resources

**LEA 100 Grammar Skills** 1-3 non-degree cr  
 Designed to improve student understanding and use of written English, this course covers the principles and patterns of grammar and writing.

**LEA 101 Speed and Efficiency in Reading** 1-3 non-degree cr  
 The aim of this course is to help the student develop the vocabulary and comprehension skills needed for studying college materials. The student learns to analyze challenging materials for immediate understanding and interpret it for long-term memory.

**LEA 102 Learning Skills** 1-3 non-degree cr  
 This course is designed for the student who needs to develop generalized learning skills. Areas of study may include managing time, taking notes, reading and studying textbooks, reading comprehension, developing vocabulary, organizing the research paper and making oral presentations.

**LEA 103 Study Skills** 1-3 non-degree cr  
 This course is designed to aid students in learning effective study systems. The student also learns to use appropriate reading rates.

**LEA 104 Career Planning & Preparation** 1-3 non-degree cr  
 This course will enable students to develop career goals and lay out a path for achieving these goals. Students will examine their personal interests, aptitudes, values, decision making skills, academic plans and career awareness. This personal, educational and occupational information will then be organized and translated into an individualized course of action. Integration of career goals with current and future college course work will be stressed.

**LEA 106 English as a Second Language** 1-3 non-degree cr  
 A program dealing with English as a second language for students whose native language is not English. The program is designed to assist foreign students in improving their skills in spoken and written English for successful academic work at the university level. Prereq: for students who (1) are not native speakers of English and who (2) have studied English as a second language prior to being enrolled in the UW Colleges.

**LEA 110 Grammar Skills** 1-3 non-degree cr  
 Designed to improve student understanding and use of written English, this course covers the principles and patterns of grammar and writing. This course is offered by the campus TRIO/minority/disadvantaged program.

**LEA 111 Speed and Efficiency in Reading** 1-3 non-degree cr  
 The aim of this course is to help the student develop the vocabulary and comprehension skills needed for studying college materials. The student learns to analyze challenging materials for immediate understanding and interpret it for long-term memory. This course is offered by the campus TRIO/minority/disadvantaged program.

**LEA 112 Learning Skills** 1-3 non-degree cr  
 This course is designed for the student who needs to develop generalized learning skills. Areas of study may include managing time, taking notes, reading and studying textbooks, reading comprehension, developing vocabulary organizing the research paper and making oral presentations. This course is offered by the campus TRIO/minority/disadvantaged program.

**LEA 113 Study Skills** 1-3 non-degree cr  
 This course is designed to aid students in learning effective study systems. The student also learns to use appropriate reading rates. This course is offered by the campus TRIO/minority/disadvantaged program.



## NON-DEGREE CREDIT COURSES

### **LEA 114 Career Planning & Preparation 1-3 non-degree cr**

This course will enable students to develop career goals and lay out a path for achieving these goals. Students will examine their personal interests, aptitudes, values, decision making skills, academic plans and career awareness. This personal, educational and occupational information will then be organized and translated into an individualized course of action. Integration of career goals with current and future college course work will be stressed. This course is offered by the campus TRIO/minority/disadvantaged program.

### **LEA 116 English as a Second Language 1-3 non-degree cr**

A program dealing with English as a second language for students whose native language is not English. The program is designed to assist foreign students in improving their skills in spoken and written English for successful academic work at the university level. Prereq: for students who (1) are not native speakers of English and who (2) have studied English as a second language prior to being enrolled in the UW Colleges. This course is offered by the campus TRIO/minority/disadvantaged program.

## **Mathematics**

### **MAT 081 Topics in Geometry 3 non-degree cr**

### **MAT 085 Topics in Geometry 3 non-degree cr**

### **MAT 087 Topics in Geometry 3 non-degree cr**

Designed for students who have not had high school geometry.

Includes methods of proof, properties of simple plane figures, congruence, and similarity. This course is offered through a contractual arrangement with the local WTCS institution as MAT 085. This course is offered by the campus TRIO/minority/disadvantaged program as MAT 087.

### **MAT 090 Basic Mathematics 2-3 non-degree cr**

### **MAT 092 Basic Mathematics 2-3 non-degree cr**

### **MAT 094 Basic Mathematics 2-3 non-degree cr**

Designed for students with minimum algebra background or who have been away from mathematics for several years. Subject areas to be covered include arithmetic of whole numbers, fraction and decimals, ratios and percents, and basic algebraic concepts.

Prepares the student for Elementary Algebra. This course is offered through a contractual arrangement with the local WTCS institution as MAT 092. This course is offered by the campus TRIO/minority/disadvantaged program as MAT 094.

### **MAT 091 Elementary Algebra 3-4 non-degree cr**

### **MAT 095 Elementary Algebra 3-4 non-degree cr**

### **MAT 097 Elementary Algebra 3-4 non-degree cr**

Intended for students with little or no previous algebra. Topics include the real number system and operations with real numbers and algebraic expressions, linear equations and inequalities, polynomials, factoring, and introduction to quadratic equations. This course is offered through a contractual arrangement with the local WTCS institution as MAT 095. This course is offered by the campus TRIO/minority/disadvantaged program as MAT 097.



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# COLLEGES

The freshman/sophomore UW campuses

## 2003-2004 ACADEMIC YEAR CALENDAR

### Semester I

First Day of Contract Year . . . . . August 25, 2003  
 Registration . . . . . August 25-29, 2003  
 Labor Day . . . . . September 1, 2003  
 First Day of Classes . . . . . September 2, 2003  
 Thanksgiving Recess . . . . . November 27-28, 2003  
 Last Day of Classes . . . . . December 15, 2003  
 Study Day . . . . . December 16, 2003  
 Examinations . . . . . December 17-23, 2003

### Semester II

Registration . . . . . January 14-16, 20-23, 2004  
 Martin Luther King Jr. Holiday . . . . January 19, 2004  
 First Day of Classes . . . . . January 26, 2004  
 Spring Vacation . . . . . March 22-26, 2004  
 Last Day of Classes . . . . . May 11, 2004  
 Study Day . . . . . May 12, 2004  
 Examinations . . . . . May 13-15, 17-19, 2004  
 Last Day of Contract Year . . . . . May 23, 2004

## 2004-2005 ACADEMIC YEAR CALENDAR

### Semester I

First Day of Contract Year . . . . . August 26, 2004  
 Registration . . . . August 26-27, 30-September 1, 2004  
 First Day of Classes . . . . . September 2, 2004  
 Labor Day . . . . . September 6, 2004  
 Thanksgiving Recess . . . . . November 25-26, 2004  
 Last Day of Classes . . . . . December 15, 2004  
 Study Day . . . . . December 16, 2004  
 Examinations . . . . . December 17-18, 20-23, 2004

### Semester II

Registration . . . . . January 17-21, 2005  
 First Day of Classes . . . . . January 24, 2005  
 Spring Vacation . . . . . March 21-25, 2005  
 Last Day of Classes . . . . . May 11, 2005  
 Study Day . . . . . May 12, 2005  
 Examinations . . . . . May 13-14, 16-20, 2005  
 Last Day of Contract Year . . . . . May 25, 2005

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