University of Wisconsin Centers

1993-1995 Catalog
The University of Wisconsin Centers is accredited by the North Central Association of Colleges and Schools.
In addition to the UW System mission, the University of Wisconsin Centers has the following select mission:

The University of Wisconsin Centers, 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.
How to use this catalog

Although you are enrolled at a specific University of Wisconsin Center, the policies and procedures are the same for students at each of the 13 UW Centers throughout Wisconsin. This catalog provides you with important information about admission, registration, financial aid procedures, academic regulations and programs as well as information about individual UW Centers. By reading this catalog, you will find what the institution can offer you as well as what is expected of you as a student.

An advisor in your UW Center Office of Student Services or a faculty advisor will assist you in planning your academic program and your transfer to another university.

Additional information on co-curricular activities, financial aid, special academic programs, and special features of your UW Center is available in the campus Office of Student Services.
Our commitment to you

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

We 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, nontraditional in age, minority, or disadvantaged. At a UW Center, you won't wait until your upper-class years for experiences such as independent study, research, international travel, professional conferences, academic organizations, and extracurricular 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 UW Centers.

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

Frequently asked questions

Q. What is a University of Wisconsin Center?
A. The 13 UW Centers offer freshman/sophomore level university instruction. Each UW Center offers a transfer curriculum for the baccalaureate degree and professional studies and a general education associate degree. Most students live in or near the community where the UW Center is located and commute to the campus. The physical facilities of each UW Center were constructed and are owned by local county and/or city government, and the UW Centers are vital educational and cultural resources for area residents.

Q. How does the UW Centers fit into the University of Wisconsin System?
A. The UW Centers is one of 15 institutions within the UW System. The System also includes 11 comprehensive universities granting bachelor's and master's degrees; two doctoral universities granting bachelor's, master's, and doctorate degrees; and UW-Extension.

Q. Will my credits transfer?
A. Yes. Credits earned at a UW Center are University of Wisconsin credits and will transfer to other UW institutions and to colleges and universities across the country. However, it is important that you consult with the Student Services Office at your UW Center for detailed information about specific program requirements at other UW institutions and Wisconsin's private colleges. You should seek the help of an advisor as you plan your program of study. Ask about special articulation agreements and joint admission, which may ease your transfer to UW institutions and private colleges.

Q. Am I eligible for admission?
A. Anyone who desires a university education and applies for admission to a UW Center will be considered for admission. If you graduated from high school or have a high school equivalent certificate, such as a GED, your chances of being accepted are good. 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 Office of Student Services. The UW Centers gives special consideration 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. Consult the admission section of this catalog for the specific policy affecting you.

Q. How do I apply?
A. Applying is simple. Obtain a UW System Application for Undergraduate Admission from your high school guidance office, your local UW Center Student Services Office, or any UW admissions office and complete it. The form will list an address to which you should send your completed application and other required materials.

Q. Are financial aid funds, scholarships, and part-time jobs available?
A. Yes, at all campuses. To find the programs for which you qualify, see the financial aid section of this catalog and contact your local UW Center Student Services Office. This office also has information about on-campus and off-campus employment.
Q. What degree can I earn at a UW Center?
A. UW Centers offer a liberal arts Associate of Arts and Science Degree. The associate degree can be an advantage when you transfer to complete your bachelor's degree. In fact, all University of Wisconsin institutions will accept the associate degree as fulfilling the university-wide college and school general education breadth requirements. However, it may not fulfill certain major and/or program-specific requirements. Of course, even if you choose not to earn the associate degree, courses from the UW Centers will transfer to all UW institutions, as well as to private colleges in Wisconsin and public and private universities and colleges throughout the country.

Q. What kind of faculty will I find at the UW Centers?
A. The UW Centers places a major emphasis on teaching excellence. The faculty are highly qualified, dedicated individuals whose main interest is teaching freshmen and sophomores. UW Centers faculty understand the importance of one-on-one communication between a student and a professor, and they are committed to that kind of teaching. This commitment will be reflected in the high quality of your UW Centers education.

Q. I graduated from high school several years ago. Are there any programs at the UW Centers to help me ease into school again?
A. Yes. The UW Centers believes in the importance of a mix of ages and experiences in a university classroom. A significant percentage of UW Centers students is over age 25. Faculty members and advisors are particularly aware of the special needs of nontraditional students—you will find orientation programs, services, or organizations for students like you. And, if you wish to attend part-time, a Student Services advisor can help you plan a class schedule around your job and family life.

Q. Are there special programs to help me improve my academic skills?
A. Many UW Centers offer special programs for basic skills development, and tutoring services are available. Your Student Services advisor can give you details about these programs.

Q. My academic achievement always has been very high. Are there special programs for me?
A. Yes. Several UW Centers offer honors programs, independent research, or other special projects for exceptional students. Inquire at the campus Student Services Office.

Q. How can I become involved in extracurricular 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 Student Services Office.

Q. Is housing available in communities where UW Centers are located?
A. Off-campus housing is available in every UW Center community. On-campus housing is available at UWC-Marathon, and private residence facilities for students are located near UWC-Barron, UWC-Fond du Lac, UWC-Marinette, and UWC-Richland.

Q. Do UW Centers 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 UW Centers have different missions and goals, and therefore, different course and program offerings.

Q. 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 Center, contact the Office of Student Services at the campus of your choice. Names, addresses, and telephone numbers of the 13 UW Centers campuses are included in this catalog.
University of Wisconsin System
Board of Regents
Jonathan B. Barry, Mt. Horeb
John Budzinski, Milwaukee
Erroll B. Davis, Jr., Madison
Lee Sherman Dreyfus, Waukesha
Ness Flores, Waukesha
C. Daniel Geletti, La Crosse
Michael W. Grebe, Milwaukee
Herbert J. Grover, Madison
Adolf L. Gundersen, La Crosse
Kathleen J. Hempel, Green Bay
David M. Hirsch, Oshkosh
Phyllis M. Krutsch, Washburn
Sheldon B. Lubar, Milwaukee
Thomas L. Lyon, Shawano
Albert O. Nicholas, Milwaukee
Paul R. Shilling, Milwaukee
George K. Steil, Sr., Janesville

UW System Administration
Katharine C. Lyall, President
Stephen R. Porch, Senior Vice President
for Academic Affairs
Ronald C. Bornstein, Senior Vice President
for Administration
Raymond A. Marnocha, Vice President
for Business and Finance
Paul Brown, Vice President for Physical Planning
and Development

History of the UW Centers
The roots of the UW Centers extend to the establishment of off-campus classes and the creation of UW-Extension in 1907. In 1946, the UW Regents developed a policy for local communities to provide buildings for exclusive use by the UW Centers. Early UW Centers were part of the former University of Wisconsin (Madison campus). Later, other UW Centers 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 UW Centers in mission under the name University of Wisconsin Center System. In 1983, the name of the institution became the University of Wisconsin Centers.

UW Centers structure
The physical facilities of the 13 freshman/sophomore campuses were built by and are owned and maintained by local counties and municipalities. 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 Centers a special character within the UW System.

The UW Centers campuses enroll approximately 11,000 students, including the largest number of freshmen in the UW System. About one-third of the enrolled students are over age 24, making the nontraditional student an important component of the student body. UW Centers are effective in meeting the needs of adult learners seeking lifelong education near their work and families.

Each UW Center is administered by a Campus Dean 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 UW Centers 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 UW Centers and reports to the President of the UW System. Assisting the Chancellor in the operation of the UW Centers are the Vice Chancellor, the Associate Vice Chancellor, the Assistant Chancellor for Administrative Services, and their staffs. A central headquarters for the Chancellor and the administrative staff is located in Madison.
UW Centers central office administrative staff

Chancellor
B.A., The Ohio State University
M.A., The Ohio State University
Ph.D., University of Chicago
Vice Chancellor (to be named)

Kucera, Antone F. (1966)
Assistant Chancellor for Administrative Services
B.A., Loras College
M.Ed., DePaul University

Smith, MaryAnn Yodelis (1989)
Associate Vice Chancellor
B.A., Briar Cliff College
M.A., University of Wisconsin-Madison

Anhalt, James A. (1969)
Controller
B.S., University of Wisconsin-Madison

Betow, Virginia (1990)
Alcohol and Other Drug Abuse Programs
(Barron, Fond du Lac, Fox Valley, Marathon, Marinette, Marshfield, Rock)
B.S., University of Wisconsin-Oshkosh
M.S.E., University of Wisconsin-Oshkosh

Edlebeck, Daniel J. (1985)
Registrar
B.S., University of Wisconsin-Stevens Point
M.S., University of Wisconsin-Milwaukee

Glynn, Kathleen (1990)
External Grants Officer
B.A., Michigan State University
M.A., Case Western Reserve University
Ph.D., University of Wisconsin-Madison

Goering, Steven L. (Stein) (1992)
Associate Information Processing Consultant/
Network Facilitator
B.A., Bethel College

Grant, Mary (1992)
Continuing Education Coordinator
B.S., DePaul University
M.S., Marquette University

Hanson, Mary (1990)
Student Services Specialist/Financial Aid
B.S., University of Wisconsin-Platteville

Howard, Judy (1982)
Program Assistant to the Chancellor

Leske, Brenda Kepler (1992)
Coordinator of Services for Students with Disabilities
B.S., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison

Pfeiffer, Thomas G. (1986)
Assistant Director, Financial Aid
B.A., Wesleyan University
M.A., University of Montana

Reigstad, Lyn L. (1979)
Assistant to the Chancellor for Affirmative Action

Director of Academic Services
B.A., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison
J.D., University of Wisconsin-Madison

Schneider, Thomas H. (1990)
Data Services Manager
B.B.A., University of Wisconsin-Madison
M.B.A., University of Wisconsin-Madison

Schoenfeld, Elizabeth Wright (Buff) (1992)
Assistant to the Chancellor
B.S., University of Wisconsin-Milwaukee
M.A., University of Wisconsin-Madison
J.D., University of Wisconsin-Madison

Stamper, Linda Jo (1987)
Student Services Program Manager/Financial Aid
B.S., University of Wisconsin-Madison

Wickland, Julia C. (1989)
Assistant to the Chancellor for University Relations
B.S., University of Wisconsin-Platteville
M.A., University of Wisconsin-Madison

Wise, Patricia (1990)
Alcohol and Other Drug Abuse Programs
(Baraboo, Manitowoc, Richland, Sheboygan, Washington, Waukesha)
B.S., University of Wisconsin-Eau Claire
M.S., St. Cloud State University

Wolover, David (1992)
Associate Information Processing Consultant/
Network Administrator
B.M.E., University of Wisconsin-Eau Claire
M.E.-P.D., University of Wisconsin-La Crosse

Board of Visitors
Louise Aderhold, UWC-Baraboo/Sauk County
Jane Alby, UWC-Fox Valley
Joseph S. Berger, Jr., UWC-Fond du Lac
Mary Boehnlein, UWC-Waukesha County
Gail L. Fox, UWC-Manitowoc County
Janet L. Hubbell, UWC-Washington County
Terry O. Leigh, UWC-Marinette County
Larry S. MacDonald, UWC-Shiocton County
Howard McCarty, UWC-Barron County
Carl Meissner, UWC-Marshfield/Wood County
James E. Olson, UWC-Richland
James Stauff, UWC-Rock County
Gerald D. Viste, UWC-Marathon County
Distinctive programs

Central American Programs. UWC-Marquette County and UWC-Richland are the sites of programs for Central American students. The programs are funded by the U.S. Agency for International Development and are administered by Georgetown University in Washington, D.C.

The programs are offered to Central American and Caribbean students on the basis of their academic and leadership potential and their economic need. After two years, the students return to their home countries to continue their education or to work in professional or management training positions.

Prior to enrolling in the regularly offered liberal arts courses of the UW Centers, the students generally receive intensive training in English as a second language. Trips to major U.S. cities, homestays, and local volunteer projects are ways the programs help the Central American students learn about American society. At the same time, these students bring a cultural diversity to the UW Centers and its other students that is critical to a liberal arts education. In addition, UWC-Richland often provides an opportunity for visits to Central America.

Pathways to Opportunity. This is an Upward Bound Program providing pre-college services to students in the Manitowoc and Sheboygan schools. The Pathways program is a comprehensive effort to motivate students to stay in high school, prepare for college while in high school, and enter college with the academic and social skills necessary to compete successfully with their peers. Services include academic advising, career counseling, tutorial support, participation in cultural/ethnic/social events, college selection and application assistance, financial aid and scholarship application assistance, special assistance for students for whom English is a second language, and an intensive summer academic program. Pathways to Opportunity serves 60 students through the UWC-Manitowoc County and UWC-Sheboygan County campuses and is funded by the U.S. Department of Education's TRIO programs through the Office of Student Support Services.

Postsecondary Re-Entry Education Program (PREP). Headquartered at UW Center-Fond du Lac, PREP provides inmates in Wisconsin state correctional institutions with the UW Centers associate degree program. PREP also emphasizes college skills, computer literacy, and career skills as well as offering workshops, re-entry counseling, and cultural programs. PREP is offered to those incarcerated at Kettle Moraine, Taycheedah, and Waupun Correctional Institutions who are eligible for admission to the UW Centers.

Project Excel. Located at UWC-Rock County, Project Excel is a pre-college program for ethnic minority students in two Beloit public schools: Aldrich Junior High School and Beloit Memorial Senior High School.

The program is designed to motivate and encourage ethnic minority students to remain in school and prepare for postsecondary opportunities. Activities include academic advising, career advising and workshops, college selection and application processes, financial aid workshops, campus visits, and participation in cultural events.

Student Support Services Programs. The Student Support Services Programs are located at UWC-Baraboo/Sauk County (at the Federal Correctional Institution, Oxford), UWC-Rock County, and UWC-Waukesha County, and are designed to provide academic support services to disadvantaged students. First-generation college students, low income students, and students with physical disabilities can receive special advising, tutoring, skills improvement classes, and other support services. The primary goals of the Student Support Services Programs are to improve the college skills of eligible students and retain those students to graduation (associate degree) or transfer them to colleges and universities where they may earn the bachelor's degree. The programs are supported by UW Centers funding in addition to a grant from the U.S. Department of Education as one of the TRIO programs funded by the Office of Student Support Services.

UWC-Baraboo/Sauk County: Oxford College Program. Located on-site at the Oxford Federal Correctional Institution, this program offers the UW Centers Associate Degree to inmates eligible for admission to the UW Centers. Junior/senior level courses leading to a baccalaureate degree are offered by the UW-Stevens Point.

In addition to credit programming, there is an on-site college library and the UW Centers Student Support Services Programs. Students are provided with library resources, intensive academic advising, and special assistance in reading, writing, mathematics, and study skills.

In addition to funding from student financial aid, the Oxford College Program is supported by the Federal Bureau of Prisons, the UW Centers, and UW System Administration.

Women's Studies. Women's Studies courses examine past and present scholarship about women, challenge the traditional disciplines in their conventional disregard or distortion of women's experiences, and raise questions about women's position in society. These courses are interdisciplinary, aimed at developing theories and tools for a more comprehensive study of gender. Women's Studies courses provide preparation for many fields of study: they encourage students to think critically in analyzing the impact of gender in their lives. UW Centers campuses offer several Women's Studies courses which are cross-listed in the English, History, Philosophy, Political Science, Sociology/Anthropology, and Psychology departments. If you are interested in information about Women's Studies offerings, contact the Student Services Office on your campus.
Admission, Tuition, and Fees; Financial Aid

Admission policy
Anyone who desires a university education will be considered for admission to a University of Wisconsin Center. 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 because of enrollment management considerations.

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 remediating these difficulties. This policy is outlined under "High risk and waiting list admissions categories."

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.

Admission requirements

Through Summer 1995
To be admitted to the UW Centers as a new freshman, you 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 completed 16 college preparatory credits distributed in three categories as follows:
   i. Core-11 credits
      English 4 credits
      Mathematics 2 credits
      (algebra and courses leading to calculus)
      Social Science 3 credits
      Natural Science 2 credits
   ii. Specified Electives-3 credits
      Chosen from the above areas or foreign language
   iii. Other Electives-2 credits
      Chosen from the above areas or fine arts, computer science, and other academic areas
   Those who have earned the certificate of GED are assumed to have met these requirements.
3. Take the American College Test (ACT). The ACT scores must be received by the UW Center Office of Student Services before you will be permitted to register for classes.

If you fail to meet these requirements, you 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 Office of Student Services.

High risk and waiting list admissions categories
You will be required to participate in special programming if you have any of the following characteristics:
1. High school class rank in lowest quartile
2. GED or GED 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 Center, 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;
   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 Centers credits.

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

**Application**

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 Center. The completed form and any required materials should be sent to the UW Centers campus you are interested in attending.

A $10 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 or matriculate.

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 preferred schedule of courses.

**Joint Admission**

The Joint Admission Program allows you to be admitted simultaneously to a UW Center and the UW institution to which you will transfer as a junior. After fulfilling certain credit and grade point average requirements, you will transfer with the same rights and privileges as those who begin their education at the bachelor's degree campus.

To be eligible for Joint Admission, you must meet freshman admission requirements at both the UW Center and the UW campus to which you will transfer. Applications may be obtained from the Office of Student Services at the UW Center, and must be returned to that office no later than the end of the second week of classes during the semester of initial enrollment at a UW Center.

Joint Admission is intended to guarantee admission to the bachelor's degree university, not automatic admission to specific programs, majors, or colleges at that university. You must meet the same admissions criteria for admission to majors, programs, and colleges as all other students at that university.

**Transfer into a UW Center**

If you attended another college before applying for admission to a UW Center, 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 have less than a 2.00 semester or cumulative GPA, the UW Centers 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 a UW Center until the period of suspension elapses.

If you are admitted as a transfer student with a 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 UW Centers Financial Aid Office. The forms are available at any campus financial aid office.

**UW/VTAE Uniform Policy Statement on Credit Transfer**

Students enrolled in the Wisconsin VTAE System who wish to continue their education in the UW 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. Students who have successfully completed an Associate of Applied Science Degree in the Wisconsin VTAE System may be eligible to transfer up to 15 credits of General Education course work.
3. Students transferring from the Wisconsin VTAE System 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 Centers.

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

Returning students
If you wish to attend a UW Center and were not enrolled in 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-UW Centers college work attempted since you were last enrolled at a UW Center. If you were dropped or suspended at the end of your last semester of enrollment at the UW Center, you must seek permission to re-enter from the Office of Student Services.

Re-entry applicants with less than a 2.0 cumulative GPA will be placed on a waiting list and will be reviewed according to the UW Centers 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.

Nontraditional students
The UW Centers 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 UW Center to another, but all campuses have 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 may be required to carry health insurance or show comparable coverage for medical expenses.

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 student applicants who have attended institutions other than the UW Centers may be required to submit transcripts and educational records as part of the admission process. In terms of registration, degree seeking students may be given priority over special students because of course demand and/or enrollment limitations. If you are interested in enrolling as a special student, please consult with the campus Office of Student Services 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 Office of Student Services about additional requirements prior to application. Any UW Centers 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 plan to seek a degree must submit a UW System Application for Undergraduate Admission and official educational records after completing six hours of course work before they will be permitted to enroll in additional UW Centers courses.
Auditors. The UW Centers 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. 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. For specific information about auditing courses, consult the campus timetable for the term in which you wish to enroll.

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

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

If you are a Minnesota resident, you may qualify for in-state tuition by applying to the Minnesota Higher Education Coordinating Board, Suite 400, Capitol Square, 550 Cedar St., St. Paul, MN 55101.

If you have been a resident of Menominee County, Michigan, for one year prior to your enrollment date, you may enroll at UWC-Marinette County as a Michigan-Wisconsin compact student. This compact agreement permits you to pay the resident tuition rate at UWC-Marinette County only.

If you are classified as a non-resident for tuition purposes and believe that classification is incorrect, contact your campus Office of Student Services.

Tuition and fees
Academic tuition is set by the UW Board of Regents. Segregated or student fees are recommended by the campus, reviewed by the Chancellor, and approved by the Board of Regents.

For Wisconsin residents, the 1992-93 tuition and fees range from $742 to $815 per semester for full-time students who carry 12 through 18 credits; full-time, non-resident student fees range from $2483 to $2556 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 $62 to $68 per credit if they are residents and from $207 to $213 per credit if they are non-residents. Since tuition and fees change each year, contact either the UW Center Student Services Office or Business Office for current information.

All tuition and fees are payable at the time of registration. You must either pay in full or enter into a formal partial payment agreement if one is offered by the campus. Under special circumstances, a student may be granted a payment deferral to extend the time to pay fees.

At the time of publication, policies for cancellation of registration, withdrawal, late payment fees, refunds, etc., were being revised by UW System. These policies, which include financial aspects, are itemized in your campus timetable or are available in the campus business office.

Students must officially withdraw through the Office of Student Services in order to establish a withdrawal date which 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 Centers. Students who do officially withdraw may be eligible for refunds. The refund schedule is available in the Business Office.

The UW Centers assess 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 $15, 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.

**Student financial aid**

The UW Centers has a comprehensive student financial aid program which includes all major federal and state aid funds. A central administrative office located in Madison coordinates the financial aid operation for the 13 UW Centers. Analysis of financial need and determination of individual aid awards are made in the Madison office.

In addition, each campus has one or more staff members who serve as financial aid advisors. These advisors, who are located in the Student Services Office on each campus, can assist you in all areas of the financial aid process. This includes help with pre-college financial planning, providing application forms and information, and advice about money management and post-college debt repayment.

**Eligibility for aid**

To be eligible for financial aid you must meet the following criteria.

1. You must be a United States citizen or a permanent resident of the U.S. (International students are not eligible for aid.)
2. You generally must carry at least six credits per semester (or three credits in the summer). Exceptions may be made to this six-credit rule for Pell Grant funding. Contact the campus Student Services Office or the central Financial Aid Office for details.
3. You must demonstrate financial need for most types of aid. There are some exceptions to this rule. See the next section on types of aid for more details.
4. You must not have defaulted on any educational loan or owe a repayment on any previous federal grant provided you by any postsecondary institution.
5. You must maintain satisfactory academic progress as outlined later in this section.
6. If you already have a baccalaureate degree, you are not eligible for grant funds. However, you may be eligible for loans or the Work-Study program if you are enrolled in a second degree program.

**Types of financial aid**

There are three general types of financial aid funds: grants, which require no repayment; loans, which you must repay; and employment, which pays you for time worked on a job. There also are scholarship funds, which are similar to grants, and some miscellaneous benefits that can assist in financing your education. The next sections provide more information on the various types of funds available. Any minimum and maximum award amounts shown below are estimates based on information available at the time of publication.

**Grants**

Grants are need-based financial assistance which you do not have to repay (unless you withdraw from school). The amount of a specific grant will depend on your financial need, on the availability of funds, and on specific federal, state, and institutional awarding policies.

- **Federal Pell Grants** are the most common source of federal grant funds to undergraduates. The federal government determines a student's eligibility and award amount, which can range from $200 to $2300 per academic year.

- **Federal Supplemental Educational Opportunity Grants (SEOG)** are federal funds awarded to high need students according to institutional and federal guidelines. They can range from $100 to $2000 per academic year, although awards over $1000 are uncommon due to limited funding.

- **Wisconsin Higher Education Grants (WHEG)** are funds awarded to needy Wisconsin residents according to state eligibility criteria. They can range from $250 to $1600 per academic year.

- **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, and range from $200 to $2200 per academic year.

- **Talent Incentive Program (TIP) grants** are awards for disadvantaged Wisconsin residents based on specific state eligibility criteria and range from $600 to $1800 per academic year.

- **Wisconsin Handicapped Grants** are state awards for Wisconsin residents who have an auditory or visual impairment. These range from $200 to $1800 per academic year.

- **Minority grants** are available through the state for Wisconsin residents who are of African-American, Hispanic, Native American, or Southeast Asian heritage. These are based on both financial need and academic merit. Awards range from $200 to $2400 per academic year.

**Scholarships**

Scholarships are gifts from community, private, and campus sources. These usually are based on academic merit or some criteria other than financial need. Campus foundations and local businesses provide more than $350,000 annually in scholarships for students at the 13 UW Centers. No repayment is required. Contact your high school counselor and your campus Student Services Office for information on available scholarships.
**Loans**

Loans are awards which must be repaid either while you are still in school or after you graduate or discontinue study. Some loans are based on financial need; others are not. All loans require that a promissory note be signed in which you promise to repay the loan according to the specific provisions of the loan. Except for the Perkins Loan, all other loans include processing fees of five to eight percent, which are deducted from the loan when you receive it.

**Federal Perkins Loans** are loans made by the UW Centers with funds provided by the federal government. Funding is limited in this low-interest loan program. You must show financial need and be enrolled at least half time to qualify. Interest does not accrue on the loan until you begin repayment nine months after you graduate, leave school, or are enrolled less than half time. The interest rate is five percent. Provisions for deferring or canceling payments are available.

**Federal Stafford Loans** are federally guaranteed loans available through banks and other lending agencies. You must be enrolled at least half time to qualify. There are two types of Stafford Loans available. The *subsidized* Stafford Loan is awarded based on 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 do not show financial need. Interest accrues on this loan while you are in school. You can pay the interest while you are a student or have it added to your loan total for increased payments after you finish school.

Freshmen can borrow up to $2625 from the Stafford Loan programs. Sophomores can borrow up to $3500. These amounts are the totals that can be borrowed from a combination of these programs, (i.e., there are not separate totals for each program). The interest rate for these Stafford Loans varies annually but cannot exceed nine percent, unless you have an outstanding Stafford Loan from prior to 1993. Contact your campus financial aid advisor for more information.

**Federal PLUS Loans (Parents Loans for Undergraduate Students)** are variable interest rate loans made to parents of dependent students to help finance their children's education. The interest rate varies according to a federal index, but cannot exceed 11 percent. These loans are NOT based on financial need. Up to $4000 may be borrowed annually. Interest is NOT paid by the federal government. Repayment begins within 60 days after the money is disbursed to the student. Deferral provisions are available. Contact your campus financial aid advisor for more information.

**Employment**

There are many opportunities for students to work, both on- and off-campus, while attending the UW Centers.

**Federal College Work-Study** is a federal program offering employment to students who show financial need. Jobs are usually part time, though full-time work may be available during the summer. Most jobs are on the campus, although some also are available in community agencies.

Regular student employment opportunities are available on campus. Students working in this program do not need to show financial need.
Other aid and benefit programs
In addition to the various federal and state financial aid programs described, additional sources of funding can assist you in financing your education or related costs.

Veteran's benefits are available to qualified veterans, 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 available through both the federal Veterans Administration and through the State of Wisconsin. Contact your local Veterans Administration Office or your campus Student Services Office for details.

Aid to Families with Dependent Children (AFDC) is available through the state for individuals who have dependent children and who do not have sufficient income to support their children. Contact your county social services office for additional information.

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

Applying for financial aid
A variety of forms must be completed in order to receive financial aid. All forms must be on file before the UW Centers staff can determine your financial aid eligibility. Appropriate forms are available at the Student Services Office on each campus. The Free Application for Federal Student Aid (FAFSA) and the UW System Application for Undergraduate Admission also are available at high school guidance offices. Listed below are the forms you must complete. Other forms also may be required, depending on your circumstances.

1. All students:
   a. Submit a UW Centers Financial Aid Application (FAA) to your campus Student Services Office.
   b. Complete a FAFSA. There is no fee for applying for aid with this form. Instructions and a pre-addressed mailing envelope are provided with each form. Be sure to respond to the question on the form that asks if you wish to be considered for state financial aid. COMPLETE THE ENTIRE DOCUMENT, INCLUDING ANY SUPPLEMENTAL INFORMATION AT THE END OF THE FORM.
   c. Two to four weeks after you file the FAFSA you will receive a Student Aid Report (SAR) from the U.S. Department of Education. This document is used by college financial aid offices to determine your eligibility for the Pell Grant and all other forms of federal and state financial aid. Read the information provided on the SAR. You may be requested to correct information, following the instructions on the SAR. If the information does not need correcting, sign the SAR and submit ALL of the pages to your campus Student Services Office. IT IS CRITICAL THAT YOU SUBMIT THE SAR AS SOON AS POSSIBLE. THE FINANCIAL AID OFFICE MAY NOT KNOW YOU HAVE APPLIED UNTIL YOUR SAR HAS BEEN SUBMITTED.
   d. There may be other forms required of you by the UW Centers central Financial Aid Office. You will be informed by mail of any additional forms or information needed, and you will be told which forms have already been received.

2. New freshmen and re-entry students:
   In addition to the requirements shown for all students (#1 above), you must submit a UW System Application for Undergraduate Admission to your campus Student Services Office. Be sure to complete the questions regarding financial aid.

3. Transfer students:
   In addition to the requirements shown for all students (#1 above), you also must:
   a. Submit a UW System Application for Undergraduate Admission to your campus Student Services Office. Be sure to complete the questions regarding financial aid.
   b. Send a Financial Aid Transcript (FAT) to each college or school beyond high school that you have attended (other than a UW Center campus). This is required WHETHER OR NOT you received financial aid at your previous school(s) and regardless of whether any of your course work transfers to UW Centers. Blank copies of the FAT form are available at your UW Center campus Student Services Office. Your former school will complete the FAT and send the form to the UW Centers Financial Aid Office.

When to apply for financial aid
Many aid sources are limited. Therefore, you are encouraged to apply early. All application materials should be submitted as soon after January 1 as possible for the academic year beginning the following September. Applicants who have submitted all necessary forms by April 15 may be given funding priority and will be the first to hear about their financial aid eligibility. Summer Session aid applicants should be sure to observe the April 15 filing date.

YOU MUST APPLY FOR FINANCIAL AID EACH YEAR. Eligibility does NOT carry over from one academic year to the next. Aid also cannot be transferred from one institution to another.

How awards are calculated
All awards, except PLUS, SLS, unsubsidized Stafford loans, and most scholarship funds, are made on the basis of financial need. Financial need is
defined as the difference between the total cost of an academic year of college and the amount you and your family are expected to contribute toward that cost. Your expected contribution is based on the information provided on your need analysis document (the FAFSA).

Standard budgets are developed by the UW Centers central Financial Aid Office to account for all of the various costs associated with an academic year (see Budgets section below). The budgets are uniform to assure a fair and equitable distribution of funds. If there are sufficient funds, the total need-based financial aid awarded will equal the calculated need of the student.

**Budgets**

The figures below represent estimates of the budgets that will be used by UW Centers for single students in academic year 1993-94. At the time this publication was printed, exact figures were not yet determined. Amounts may vary up or down. To estimate figures for the 1994-95 academic year, add 5% to each component.

<table>
<thead>
<tr>
<th>1993-94 Budget Components</th>
<th>Student Living with Parents</th>
<th>Student Living Away from Parents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition and fees*</td>
<td>$1620</td>
<td>$1620</td>
</tr>
<tr>
<td>Books and Supplies</td>
<td>$450</td>
<td>$450</td>
</tr>
<tr>
<td>Rent and Utilities</td>
<td>$410</td>
<td>$2320</td>
</tr>
<tr>
<td>Food</td>
<td>$1300</td>
<td>$1450</td>
</tr>
<tr>
<td>Transportation</td>
<td>$700</td>
<td>$700</td>
</tr>
<tr>
<td>Miscellaneous**</td>
<td>$800</td>
<td>$1210</td>
</tr>
<tr>
<td><strong>Total Budget</strong></td>
<td><strong>$5620</strong></td>
<td><strong>$7750</strong></td>
</tr>
</tbody>
</table>

* 1) Non-resident tuition is substantially higher. Add approximately $3700 unless you are covered by a tuition reciprocity agreement with Minnesota or Menominee County, Michigan.
* 2) Tuition is the same at all UW Centers campuses. However, fees will vary from campus to campus. The figure given includes an average amount of fees.
** Miscellaneous includes items such as personal costs, clothing, recreation, and minor medical costs.

**Sample case:**

Four-member family (2 parents, 2 children, both parents working, one child in college)

<table>
<thead>
<tr>
<th>Total 1992 gross income (before taxes)</th>
<th>$40,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total assets (home equity is not counted)</td>
<td>$20,000</td>
</tr>
<tr>
<td>Estimated expected parents contribution</td>
<td>$1,990</td>
</tr>
<tr>
<td>Estimated expected student contribution</td>
<td>$470</td>
</tr>
<tr>
<td><strong>Total expected family contribution</strong></td>
<td><strong>$2460</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>With Parents</th>
<th>Away From Parents</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total budget</strong></td>
<td><strong>$5280</strong></td>
<td><strong>$7750</strong></td>
</tr>
<tr>
<td>Less total family contribution</td>
<td><strong>-2460</strong></td>
<td><strong>-2460</strong></td>
</tr>
<tr>
<td>Financial need</td>
<td><strong>$2820</strong></td>
<td><strong>$5290</strong></td>
</tr>
</tbody>
</table>

Every effort is made to offer financial aid to cover the financial need. Aid awards may be a combination of grants, loans, and employment. All awards are likely to include an offer of loan assistance. The higher a student's financial need, the more likely an offer will include grant assistance.

Although a student living away from his or her parents will show more need than if he or she lives with parents, the higher need will generally include a greater loan amount. Therefore, additional educational indebtedness will likely result for those who live away from home.

**Satisfactory academic progress for financial aid eligibility**

To be eligible for financial aid, a student must meet the credits-earned standards of the UW Centers Financial Aid Office, which are listed here. However, to maintain eligibility for continued enrollment in the UW Centers, a student also must meet the grade point standards listed elsewhere in this catalog. Your entire academic record at the UW Centers, including semesters when you did not receive financial aid, will be evaluated to determine your eligibility.

These procedures will be followed:

1. If you initially enroll for six or more credits in a semester, you may receive aid for up to five academic years (10 semesters). If you enroll for fewer than six credits in a semester and you are not eligible for aid, your academic progress will not be evaluated during that semester. If you receive aid for fewer than six credits, an exception to the policies may be made.

2. You must meet the following credits earned standards for each even-numbered semester of your attendance. These credit requirements are the same whether you begin to attend in the fall or spring semester or if you skip one or more semesters and then re-enter. Your academic progress will be measured after each even-numbered semester of your attendance based on the number of credits you successfully complete. For the purpose of the credits earned requirement, a successfully completed credit is one in which you earn a grade of D or higher. However, the university academic grade point standards will not be met unless work is performed at a C or higher average. Summer sessions are not counted as semesters of attendance for purposes of these procedures. However, credits earned during summer sessions will be added to your total credits earned when determining academic progress.

<table>
<thead>
<tr>
<th>Semesters completed</th>
<th>2</th>
<th>4</th>
<th>6</th>
<th>8</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credits successfully completed</td>
<td>12</td>
<td>24</td>
<td>36</td>
<td>48</td>
<td>60</td>
</tr>
</tbody>
</table>

3. If you do not earn the minimum number of credits per semester, you will be ineligible for aid. An exception to this is discussed in #9.
4. Your aid eligibility may be reinstated at the end of any semester in which you earn enough credits to satisfy the minimum requirements of the following schedule:

<table>
<thead>
<tr>
<th>Semesters completed</th>
<th>Credits successfully completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>4</td>
<td>24</td>
</tr>
<tr>
<td>5</td>
<td>30</td>
</tr>
<tr>
<td>6</td>
<td>36</td>
</tr>
<tr>
<td>7</td>
<td>42</td>
</tr>
<tr>
<td>8</td>
<td>48</td>
</tr>
<tr>
<td>9</td>
<td>54</td>
</tr>
</tbody>
</table>

5. Remedial courses approved by a UW Center will count in determining your academic progress.

6. The credits you earn for any course may be counted only once. If you enroll a second or third time in a course that you have already completed successfully, the credits you earn for that course will not be counted in determining your academic progress. However, the credits for repeat courses will be counted in determining your eligibility for financial aid (see #1 above).

7. If you enroll in a course as an auditor, that course will not be counted as either a course attempted or as a course completed. However, if you change your enrollment in a course from credit to audit, that course will be counted as a course attempted and as a course which you did not complete successfully.

8. If you receive a grade of incomplete in a course, the credits will be counted as credits attempted, but will not be counted as credits earned until the incomplete grade is changed to a grade of D or higher.

9. If you lose your financial aid eligibility for failing to meet these requirements, you may appeal the decision to the designated committee at your campus. The committee may allow you to receive financial aid for one additional semester if it finds that there were mitigating circumstances which caused your unsatisfactory academic progress. The Student Services Office at your campus can tell you more about this committee and about satisfactory academic progress.

**Academic withdrawal**

If you receive financial aid and withdraw from a UW Center, you may owe a repayment on the aid you received. Repayments are calculated based upon the number of weeks you were enrolled, and the cost of education figure used to determine your award. You will not owe a repayment on aid attributed to payments of your tuition, books, or living costs during the period before you withdraw. However, you will be responsible for repaying any amount received beyond these costs. Students who do not repay will not receive academic transcripts and will not be eligible to receive financial aid at any other institution until repayment has been made.

If you plan to withdraw and have received financial aid, you should discuss repayment with your campus financial aid advisor.

**Certification for veterans programs**

The UW Centers is fully approved for the certification of educational benefits for veterans and veterans' dependents under both federal and state Veterans Administration programs. Information about veterans' benefits may be obtained at your campus Student Services Office or your area Veterans Administration Office.

In compliance with Veterans Administration (VA) regulations, the VA will be notified within 30 days of any change in your enrollment. Monthly VA checks are prorated if the veteran initially enrolls for less than a full-time credit load (11 credits or less). A change in enrollment also may affect the amount of your monthly checks.

Veterans and veterans' dependents are required to meet academic progress standards in order to receive VA benefits.
Registration, Academic Procedures, Regulations

Registration, academic regulations, and procedures are subject to change. Your campus Office of Student Services can provide specific up-to-date information.

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, places, and dates of registration are available from your campus Office of Student Services.

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. Failure to withdraw officially and failure to pay your fees will result in your being administratively withdrawn from the UW Center. But administrative withdrawal 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 Centers (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 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, 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 Office of Student Services 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 Center Director of Student Services.

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 tuition rate 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 Center Office of Student Services and Business Office for information about concurrent registration.

UW-Extension independent study
As a full-time UW Centers student, you may enroll in an independent study course (correspondence course) through UW-Extension if the course is not offered at your UW Center and if the UW-Extension Independent Study catalog indicates the course is offered for university degree credit, or if the course is high school level algebra or geometry. As a full-time student, you may take one UW-Extension course at no extra cost other than fees for text materials bought through UW-Extension and a small registration fee. The fee for the course will be waived if:

- you have paid full load tuition fees at a UW Center;
- your total credits do not exceed 18 or the maximum allowed by the UW Center; and
- you have obtained written permission to take the course from the campus Student Services Office.

UW-Extension correspondence course fee waiver registrations are accepted only after your 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
Office of Student Services 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 fine in effect under Regent policy.

**Adding courses**
You may add a course or courses by completing the appropriate Change of Program/Add card 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 form must be received in the Office of Student Services by the deadline date published in the campus timetable. The date you return the completed form to the Office of Student Services is the effective date used for official records and billing. You may add a course after the second week of classes 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**
You may drop a course or courses by completing the Change of Program/Drop card 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. Your campus may require the signature of your advisor and/or instructor. The form must be received in the Office of Student Services by the deadline date published in the campus timetable. The date you return the completed form to the Office of Student Services is the effective date used for official records and billing. If you drop a course after the second week of classes, a grade of W will be recorded on your official record. The UW Centers 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 withdrawal is at the discretion of the UW Center.

**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:

a) **Withdrawal Form.** Submitting a completed Withdrawal Form to the Office of Student Services. The effective date of withdrawal will be the date this form is received in the Student Services Office.

b) **Letter.** Directing a dated letter with your signature to the Office of Student Services 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.

c) **Telephone call.** If this option is utilized, 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 making the call. If the letter is not postmarked within two days of making the call, the postmark date will determine the effective date of withdrawal.

If you are attending a UW Center that rents textbooks, the official withdrawal process includes the return of the textbooks to the appropriate office. You must complete the official withdrawal process in one of the 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 re-admission. (This does not affect students who enroll for original credit load of less than six credits in each of two consecutive semesters.) All students should be aware that any semester in which a withdrawal is made may count as a semester of enrollment for financial aid academic progress standards. (See "Satisfactory academic progress for financial aid eligibility" in the Financial Aid section of this catalog.)

If a student can provide evidence that a withdrawal is necessary due to unforeseeable, extenuating circumstances, the student may be allowed an additional semester of financial aid eligibility. A student who believes he or she may have extenuating circumstances should consult the Office of Student Services.

**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**

0 - 29 degree credits equal freshman standing; 30 or more degree credits equal sophomore standing.

**Credit load**

As a freshman or sophomore, you 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 coursework. You 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. You must have the approval of the Student Services Office or your advisor to enroll in more than the maximum number of credits.

**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.

**Pass/fail**

You may enroll in courses on a pass/fail basis. This option allows you to take elective courses to explore a field or subject without worrying about the letter grade you earn. 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. Courses to be applied to the Associate of Arts and Science proficiency and general education requirements may not be taken on a pass/fail basis. 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).

All students may elect one pass/fail course each 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, 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.

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. 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. Students should be aware that some institutions will average the grades of all courses attempt-
Advanced standing credit

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

1. College Level Examination Program

If you are classified as a degree-seeking student, you may earn degree credits by taking the College Level Examination Program (CLEP) General Examinations. These tests must be taken before you complete your first 16 college credits. Credit will be awarded, as indicated below, when you score at or above the 50th percentile on established national sophomore CLEP norms.

A. Humanities section: a maximum of six elective credits.
B. Social sciences section: a maximum of six elective credits.
C. Natural sciences section: a maximum of six elective credits. The credits do not count toward the associate degree natural science laboratory requirement.

You will not receive credit for the English or math sections of the CLEP general exam. You will not receive credit in any area in which you completed a college course before taking the exam. Any credits earned by taking the CLEP general exam will be recorded as such on your transcript.

2. Advanced Placement

The UW Centers accepts for degree credit all successfully completed College Board Advanced Placement Examinations with scores of three, four, or five. Contact your campus Student Services Office for information about the specific UW Centers credit that is awarded for each of the AP exams.

3. Additional academic department offerings

A. Art Department. You may submit portfolios to establish credit in studio-type courses.
B. Biological Sciences Department. The department does not offer credit through challenge examinations in any courses. Five credits for BIO 108 may be earned with a grade of five, six, or seven on the Higher Level Biology Examination on the International Baccalaureate (IB) Program.
C. Business Department. You may earn four credits in BUS 201 by scoring at or above the 50th percentile on the CLEP Subject Examination in Introductory Accounting.
D. **English Department.** You may earn credit by examination in the following courses:

ENG 102: by scoring at or above the 50th percentile 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 scoring at or above the 60th percentile 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 six or seven 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 scoring at or above the 70th percentile 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 at least four on the Advanced Placement College Board Examination in English (composition and literature).
- by earning a score of five, six, or seven on the Higher Level International Baccalaureate examination.

ENG 270: by scoring at or above the 50th percentile 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.

ENG 272: by scoring at or above the 50th percentile 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 scoring at or above the 50th percentile 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 Program Test in Shakespeare.

E. **Foreign Language Department.** (French, German, Spanish) You may earn credits 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) you complete at your UW Center if you complete that course with a grade of B or higher. This policy is strictly enforced; a B- is not acceptable. You may earn a maximum of 16 foreign language credits in this manner. If you wish to earn credits by this method, contact the appropriate instructor at the beginning of the semester.

You 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. You must earn a grade of B or better in each course of the modular pair; a grade lower than B in either course is not acceptable.

In addition, you may earn foreign language credit by taking the appropriate CLEP exam and placing in the 90th percentile or above. Before credit is granted, you also must have an interview with a UW Center foreign language faculty member. You may earn a maximum of eight credits for foreign language 101 and 102 courses by CLEP exam.

If you wish to earn credit by examination in other foreign language courses, you must contact the appropriate instructor and a Student Services advisor.

F. **Geography Department.** You may earn three credits for GEO 110 by earning a score of five, six, or seven on the geography examination of the Higher Level International Baccalaureate program.

G. **History Department.** You may earn six credits in Modern History with a score of five, six, or seven on the Higher Level International Baccalaureate examination.

H. **Mathematics Department.** You 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.

**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:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Grade Points Per Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (excellent)</td>
<td>4.00</td>
</tr>
<tr>
<td>A-</td>
<td>3.67</td>
</tr>
<tr>
<td>B+</td>
<td>3.33</td>
</tr>
<tr>
<td>B (good)</td>
<td>3.00</td>
</tr>
<tr>
<td>B-</td>
<td>2.67</td>
</tr>
<tr>
<td>C+</td>
<td>2.33</td>
</tr>
<tr>
<td>C (average)</td>
<td>2.00</td>
</tr>
<tr>
<td>C-</td>
<td>1.67</td>
</tr>
<tr>
<td>D+</td>
<td>1.33</td>
</tr>
<tr>
<td>D (poor)</td>
<td>1.00</td>
</tr>
<tr>
<td>D-</td>
<td>0.67</td>
</tr>
<tr>
<td>F (fail)</td>
<td>0.00</td>
</tr>
</tbody>
</table>
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 - Withdrew. Recorded opposite the course number and title on the academic transcript for any course dropped after the end of the second week of classes 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.

Both a UW Centers semester and a cumulative GPA are calculated; however, the cumulative GPA is recorded and maintained only for degree-seeking students (i.e., those classified as freshmen and sophomores). Courses in which you received a grade of CO, IA, AU, 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 Centers 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. 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 through 3.74
- High Honors: Grade point average of 3.75 through 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. The tentative grade is recorded by the instructor on the final grade sheet for class along with the grade of I.
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 Center.

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 Office of Student Services. If you do not remove the Incomplete within the time limit, it will be replaced by the tentative grade reported by your instructor on the final grade sheet.

Mid-term and final grades
You will receive mid-term grades, informing you of your progress, usually by the end of the ninth week of the semester.

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 must 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.

Academic standing
You are expected to maintain certain quality standards of academic achievement in your work at the UW Centers. Quality is measured by both semester and cumulative GPAs.

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

- Good standing is the status assigned when your semester and cumulative GPA is 2.0 or higher.
- Probation and final probation are the statuses assigned when your academic progress is inadequate as determined by semester and/or cumulative GPA.
- Academic suspension is the status assigned when your record of achievement is unacceptable to the extent that continued enrollment in the UW Centers is not permitted.

Probation and suspension
The UW Centers is concerned about students whose academic achievement indicates they are unable to meet the expectations of their instructors or are experiencing other problems which may be interfering with their studies. A probation action is a warning that you should take appropriate action to improve your achievement. You will be suspended when the UW Centers faculty believe your academic achievement record to date indicates a need to interrupt your enrollment to reassess and re-evaluate your goals and plans. If you are placed on probation or suspended, you should give careful consideration to the factors which may be involved, and you should ask assistance from advisors and course instructors.

You are expected to maintain at least a 2.0 GPA on all work carried. If you fail to maintain this minimum GPA in any semester, you may be put on probation, final probation, or suspended at the end of the semester.

No probation, final probation, or suspension actions will be assessed at the end of a Summer Session. Credits attempted and grade points earned are included in the cumulative GPA and will be used in determining subsequent actions.

Suspension status
The first suspension status results in a suspension from the UW Centers for one semester. A subsequent suspension will result in a suspension from the UW Centers for two semesters. If you are in suspension status and wish to enroll in summer session, you must obtain the permission of the campus dean.

You may appeal a suspension to the appropriate committee at your campus. Any appeal must include a clear explanation of problems causing your inadequate achievement and how you propose to resolve those problems. If you are allowed to continue, you will be on final probation and may be subject to other special conditions.

Appeals
Any academic action may be appealed, except probation or final probation. Exceptions will be determined at each UW Center. Normally the appeal will be heard by the academic actions committee.

Re-admission
If you have been out of school for a period of suspension, whether it is one semester or one year, you will not be re-admitted automatically. To seek re-admission, you must file an Application for Undergraduate Admission and secure permission from the Office of Student Services at the campus you wish to attend. If you are re-admitted, 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 three full calendar years, you may be admitted to a UW Center in good standing, regardless of your academic status at the time of departure. For more information, consult the campus Office of Student Services.

If you last attended an institution other than a UW Center and were suspended, you must consult with the Office of Student Services before applying for admission to a UW Center.

Grade point requirements and actions
Action will be withheld until at least 6 credits have been attempted in a UW Center. A student admitted to a UW Center on probation or final probation must earn a 2.0 GPA on a minimum of 15 credits attempted in a UW Center in order to attain good standing.

1. When a student is in good standing at the beginning of the semester:
   - 1.5 to 1.999 semester GPA will result in probation.
   - .75 to 1.499 semester GPA will result in final probation.
   - A semester GPA lower than .75 will result in suspension.

2. When a student is on probation at the beginning of the semester:
   - 1.5 to 1.999 semester GPA will result in final probation status.
   - A semester GPA lower than 1.5 will result in a suspension status.
   - 2.0 or higher semester GPA but less than 2.0 cumulative GPA will result in continuation of probation.
   - 2.0 or higher semester and cumulative GPA will result in a return to good standing.

3. When a student is on final probation at the beginning of the semester:
   - Lower than 2.0 semester GPA will result in suspension status.
   - 2.0 or higher semester GPA, but less than a 2.0 cumulative GPA, will result in continuation of final probation.
   - 2.0 or higher semester and cumulative GPA will result in a return to good standing.

Student guidelines
All students in the University of Wisconsin Centers are governed and/or affected by federal, state, and local laws and by UW System and UW Centers policies and procedures.

Such laws, policies, and regulations include Chapter UWS 14 Student Academic Disciplinary Procedures, Chapter UWS 17 Student Nonacademic Disciplinary Procedures, Chapter UWS 18 Conduct on University Lands, the federal Drug-Free Workplace Act of 1989, and Wisconsin Statute 36 12 which prohibits discrimination against students. Your right to a positive learning environment is protected by the UW Centers Code of Conduct, the Consensual Relations Statement, and the Sexual Harassment Policy.

Information on these and other laws and policies that affect UW Centers students are contained in the Information Guide for New Students, which is distributed to all new students at orientation. This book also contains information on alcohol and other drugs, federal drug trafficking penalties, and sexual assault information and other crime statistics.

Student Disciplinary Procedures (UWS 14 and UWS 17) acknowledge the need to preserve the orderly processes of the UW Centers with regard to its teaching and public service mission, as well as the need to observe every student’s procedural and substantive rights. These procedures are included in the Information Guide for New Students.
Rights of access to student records
You are entitled to review any records, files, documents, and other materials defined as "education records" that are maintained by the UW Centers and are related directly to you. This is in accordance with the federal Family Educational Rights and Privacy Act of 1974. Your access and review is subject to the following conditions:

1. You must submit the appropriate request form for reviewing your records to the Student Services Office. This form will be placed in your file. The UW Centers has 45 days to comply with your request.

2. You do not have access to certain types of information excluded by the Act: (a) personal notes of UW Centers faculty and staff; (b) employment records; (c) medical and counseling records used solely for treatment; (d) records kept by the person responsible for campus security; (e) financial records of your parents; (f) confidential letters and statements of recommendation placed in your records prior to January 1, 1975; or (g) confidential letters and statements of recommendation for admission, employment, or honorary recognition placed in your records after January 1, 1975, for which you have waived the right to inspect and review.

Education records maintained by the UW Centers include, but are not limited to, the following:
(1) high school and college transcripts and other educational records submitted by you with your application for admission;
(2) scores of placement tests and ACT or SAT scores if you requested that a copy be sent to the UW Centers;
(3) records of registration and grades for each term;
(4) your requests for re-enrollment, special permission to withdraw after deadlines, etc., with confirmation of the action taken in response to the request;
(5) grades earned toward a degree, including a copy of your official transcript.

Education records maintained by the Registrar include your official transcript and grades earned. After reviewing your records, you may challenge any information in your education records you believe to be inaccurate, misleading, or inappropriate. This right does not extend to reviewing grades unless the grade assigned by your professor was recorded inaccurately. You also may insert in your record a statement to explain any such material from your point of view. If you wish to challenge information in your file, you must make a written request for a hearing to the UW Center dean.

If your request for a record modification is not granted, you will receive written notification of the reasons and a copy of this notice will be placed in your file. In most cases, the decision of the dean will be final. However, you may file an appeal in writing to the Chancellor, who will review the decision only if a significant question of policy or compliance with the law appears to be raised by the case. Your appeal to the dean or to the Chancellor must be acted upon within 45 days from the date of the appeal.

You have a right to file a complaint with the U.S. Department of Education concerning alleged failures by the UW Centers to comply with the Family Educational Rights and Privacy Act. In the process of challenging your records, should you wish to have copies of any documents in your file, there will be a charge of $1 for a copy of each document. This charge does not apply to copies of your transcript. There is a $3 charge for each official transcript. No transcript copies (official or advising) will be furnished to a student who has a Hold on his or her records.

In unusual circumstances, the UW Centers will forward a copy of a student's educational record(s) to an agency or institution that requested the record(s) and in which the student seeks to enroll.

You should be aware that, under the Act, the UW Centers construes the following to be directory information which is available to the public: name, address, telephone number, date of birth, dates of attendance, degrees and awards received, sex, marital status, major field of study (including current classification, year-in-school, credit load, and number of credits earned toward a degree), participation in officially recognized activities and sports, weight and height of members of athletic teams, most recent previous educational agency or institution attended, and parent/spouse/guardian name and address. Also, the UW Centers may use a portion of your student identification number to post mid-term and final grades. 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 Centers 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 Student Services Office.

No information from your education record will be released to a third party, except as provided by law, without a signed release from you. If a judicial order for your education record is issued, you will be notified prior to the release of the information.
Transfer from a UW Center

To continue your study beyond the sophomore year, you must transfer to a university or college which grants the bachelor's degree.

Planning for transfer

The UW Centers encourages you to make transfer decisions early and to study catalogs and other pertinent information from the institution of your choice to determine general and specific major requirements. Consult the campus Office of Student Services for advice about transfer requirements, procedures, and plans as early as possible. Subject to the limitations of enrollment management, UW System institutions will give preference in admission to students transferring from the UW Centers.

Credits earned at a UW Centers campus are University of Wisconsin credits and will be accepted as such by other universities and colleges. The UW Centers Associate of Arts and Science Degree is accepted by all University of Wisconsin institutions as fulfilling the university-wide, college, and school general education breadth requirements. However, the degree may not fulfill certain major and/or program-specific requirements.

Most colleges and universities limit the number of credits which can be transferred from a freshman/sophomore school and applied toward a bachelor's degree. A maximum of 72 credits can be transferred from a UW Centers campus to a UW bachelor's degree program. 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. If you plan to transfer, you will need the following information about admission, housing, and financial aid.

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 a UW Center) you have attempted. At some schools, 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 Office of Student Services and the transfer university for information on specific application procedures, deadlines, and entrance requirements.

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.

Financial aid. If you wish to receive financial aid at your transfer university, indicate this on the admission application, request information about application procedures and any separate application form the university may use, and ask your campus Office of Student Services to request a financial aid transcript for your transfer university.

Transfer problems. If you encounter transfer credit problems or other transfer related problems, consult your campus Office of Student Services. 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 (1-800-442-8459).

Transcript request. If you want your official UW Centers 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 Office of Student Services or you may send a letter of request to UW Centers Office of the Registrar, 150 E. Gilman St., P.O. Box 8650, Madison, WI 53708-8650. There is a $3 charge for each transcript. Transcripts will not be furnished for a student who has an outstanding obligation to the UW Centers (e.g., owes a fine, money, materials, or financial aid). The UW Centers does not issue copies of official transcripts or documents that it has received from other institutions.
The Associate of Arts and Science Degree is a foundation for many majors in the UW System.

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

Associate of Arts and Science Degree

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

General education requirements
I. Proficiency requirements
   Grade of C or better in or exemption from the following:
   - WRITING - ENG 102
   - MATHEMATICS - MAT 105
   These courses and their prerequisites may not be used to satisfy a breadth or specific requirement.

II. Breadth categories
   A student may not count any course in more than one breadth category. A student must earn a minimum of 40 credits from the following areas:
   - Humanities and Fine Arts
     A student must earn a minimum of 9 credits with at least one course designated as Fine Arts. No more than 6 credits in the Fine Arts and a total 15 credits in the Humanities and Fine Arts may be applied to the breadth requirement of 40 credits.
   - Natural and Mathematical Sciences
     A student must earn a minimum of 12 credits in this category. Included in this must be a minimum of 8 credits in at least two disciplines of Natural Sciences (including one laboratory science with an emphasis on scientific methodology) or a 10 credit laboratory science sequence in which at least one course has an emphasis on scientific methodology, and a minimum of 3 credits of Mathematical Sciences. No more than 16 credits in this category can be applied to the breadth requirement of 40 credits.
   - Social Sciences
     A student must earn a minimum of 9 credits with courses in at least two disciplines. No more than 15 credits in this category may be applied to the breadth requirement of 40 credits.
   - Integrated Studies
     No more than 6 credits in this category may be applied to the breadth requirement of 40 credits.

III. Specific requirements
   The following specific requirements must be met within the areas of distribution outlined in II above:
   A. Content Emphasis (a course may be used to fulfill only one content emphasis)
      1. One course with an historical perspective
      2. One course with a cross-cultural perspective or a focus on cultural differences and alternatives
      3. One course using primary sources
   B. One two-semester sequence of courses

IV. Additional requirements
   A. Minority/ethnic studies - three credits
   B. Two courses with a writing and/or speaking emphasis, at least one of which must be writing emphasis. ENG 101 and ENG 102 will not satisfy this requirement.
Course Descriptions

Although no single UW Center 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 timetable to learn which courses are offered at your UW Center.

Departmental abbreviations
Course listings are in alphabetical order by departmental name.

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

Abbreviations for Associate Degree designations:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC</td>
<td>Cross-cultural Perspective, Cultural Differences, and Alternatives</td>
</tr>
<tr>
<td>EL</td>
<td>Elective</td>
</tr>
<tr>
<td>ES</td>
<td>Ethnic Studies (also may be designated in timetables)</td>
</tr>
<tr>
<td>HFA</td>
<td>Humanities and Fine Arts Breadth Category</td>
</tr>
<tr>
<td>FA</td>
<td>Fine Arts</td>
</tr>
<tr>
<td>HP</td>
<td>Historical Perspective</td>
</tr>
<tr>
<td>ST</td>
<td>Integrated Studies Breadth Category</td>
</tr>
<tr>
<td>NMS</td>
<td>Natural and Mathematical Sciences Breadth Category</td>
</tr>
<tr>
<td>NS</td>
<td>Natural Sciences</td>
</tr>
<tr>
<td>MS</td>
<td>Mathematical Sciences</td>
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<td>LS</td>
<td>Laboratory Sciences</td>
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<td>PR</td>
<td>Proficiency Requirement</td>
</tr>
<tr>
<td>PT</td>
<td>Primary Sources/Texts</td>
</tr>
<tr>
<td>SE</td>
<td>Speaking Emphasis (also may be designated in timetables)</td>
</tr>
<tr>
<td>SS</td>
<td>Social Sciences Breadth Category</td>
</tr>
<tr>
<td>SQ</td>
<td>Two-Semester Sequence of Courses</td>
</tr>
<tr>
<td>WE</td>
<td>Writing Emphasis (designated in timetables only)</td>
</tr>
</tbody>
</table>

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.
ANTHROPOLOGY

General
ANT 100 General Anthropology. 3-4 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/HP/CC.

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: ANT 100, ANT 102, ANT 105, or cons. instr. *

ANT 299 Independent Reading and Research in Anthropology. 1-4 cr. Prereq: ANT 100, ANT 102, ANT 105, or cons. instr.

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. NMS/NS/CC (if 4 cr. also LS).

ANT 303 The Human Skeleton. 3 cr. Individual bones and teeth; sex, age, and racial variation; stature reconstruction; continuous and discontinuous morphological variations; forensic aspects of individual identification; lab training in observations, measurement, and analysis; lecture and lab. Prereq: cons. instr. NMS/NS/LS.

Prehistorical
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/HP/CC.

ANT 222 Emergence of Human Culture. 3 cr. Worldwide archaeological evidence for the development of human culture and behavior from the earliest appearance of human groups to the agricultural revolution. Archaeological methods and theory covered extensively to introduce humanity's first two million years. Prereq: sophomore standing or cons. instr. SS/HP/CC.

ANT 302 Archaeology of Wisconsin. 3-4 cr. Survey of Wisconsin archaeology from the earliest occupation of the state through the historic period and subsequent tribal breakdown. Emphasis is on ecological and historical factors influencing development of prehistoric and historic aboriginal culture of Wisconsin. Prereq: ANT 100, ANT 105, ANT 200, or cons. instr. SS/HP/CC.

ANT 308 Archaeology of North America. 3-4 cr. Main pre-Columbian cultures and evidences of ancients north of Mexico. Prereq: ANT 222 or cons. instr. SS/HP/CC.

ANT 322 The Origins of Civilization. 3-4 cr. Global archaeological survey of the origins of pristine civilizations beginning with the development of food production and ending with the emergence of the world's first civilizations. Focus of attention: Near East, Egypt, the Indus Valley, North China, Mesoamerica, and Peru. Prereq: ANT 222 or cons. instr. SS/HP/CC.

Linguistic
ANT 301 Introduction to Linguistics: Descriptive and Theoretical. 3-4 cr. Elementary theory and practical work in phonetics, phonology, morphology, syntax, formal grammar, and semantics. EL.

Cultural: Topical and Area

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. SS/HP/CC.

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. SS/HP/CC.

ANT 300 Human Sexuality: an Anthropological Perspective. 3 cr. An anthropological examination of the biological, psychological, sociological, and cultural bases of human sexual behavior as a means of providing students with up-to-date empirical information concerning human sexuality. SS.

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/HP/CC/ES.

ANT 325 Peoples and Cultures of East Asia. 3-4 cr. Description and analysis of eastern Asian cultures: the great civilizations, the non-literate societies, and the problems of contemporary cultural change. Prereq: ANT 100, ANT 200, or cons. instr. SS/HP/CC.
ANT 341 Technological Change and Culture Patterns. 4 cr. Methods in application of anthropology and analysis of contemporary cases relating to human problems resulting from technical change. Prereq: ANT 100, ANT 105, ANT 200, or cons. instr. SS.

ANT 343 Anthropology of Religion. 3-4 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: ANT 100, ANT 200, or cons. instr. SS/CC.

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. EL.

ART 101 Introduction to Drawing. 3 cr. Principles of creative and structural drawing; an investigation of methods and materials. Lecture-lab. EL.

ART 102 Intermediate Drawing. 3 cr. Continuation of ART 101. Lecture-lab. EL.

ART 103 Drawing II. 3 cr. Advanced drawing problems of expression and form. Lecture-lab. Prereq: ART 102. EL.

ART 104 Introduction to Drawing-Module A. 1 cr. Principles of creative and structural drawing, an investigation of methods and materials. Lecture-lab. (This is the first module of a course that is offered during two consecutive semesters. This course in combination with ART 105 is equivalent to ART 101.) EL.

ART 105 Introduction to Drawing-Module B. 2 cr. Continuation of ART 104. Lecture-lab. Prereq: ART 104. (This is the second module of a course that is offered during two consecutive semesters. This course in combination with ART 104 is equivalent to ART 101.) EL.

ART 106 Intermediate Drawing-Module A. 2 cr. Continuation of ART 101 or ART 105. Lecture-lab. (This is the first module of a course that is offered during two consecutive semesters. This course in combination with ART 107 is equivalent to ART 102.) EL.

ART 107 Intermediate Drawing-Module B. 2 cr. Continuation of ART 106. Lecture-lab. Prereq: ART 106. (This is the second module of a course that is offered during two consecutive semesters. This course in combination with ART 106 is equivalent to ART 102.) EL.

ART 108 Drawing II-Module A. 1 cr. Advanced drawing problems of expression and form. Lecture-lab. Prereq: ART 102 or ART 107. (This is the first module of a course that is offered during two consecutive semesters. This course in combination with ART 109 is equivalent to ART 103.) EL.

ART 109 Drawing II-Module B. 2 cr. Continuation of ART 108. Lecture-lab. Prereq: ART 108. (This is the second module of a course that is offered during two consecutive semesters. This course in combination with ART 108 is equivalent to ART 103.) EL.

ART 110 Two-Dimensional Design. 3 cr. Basic elements of design; arrangement of line, value, color, texture. Lecture-lab. EL.

ART 112 Three-Dimensional Design. 3 cr. Basic elements of design; the use of volume and spatial arrangement. Lecture-lab. EL.

ART 113 Layout and Lettering. 3 cr. Letter form and typographic design applied to various modes of visual communication. Lecture-lab. EL.

ART 114 Three-Dimensional Design-Module A. 1 cr. Basic elements of design; the use of volume and spatial arrangement. Lecture-lab. (This is the first module of a course that is offered during two consecutive semesters. This course in combination with ART 115 is equivalent to ART 112.) EL.

ART 115 Three-Dimensional Design-Module B. 2 cr. Continuation of ART 114. Lecture-lab. Prereq: ART 114. (This is the second module of a course that is offered during two consecutive semesters. This course in combination with ART 114 is equivalent to ART 112.) EL.

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. Prereq: ART 101, ART 111, or cons. instr. EL.

ART 122 Watercolor. 3 cr. Exploration of aqueous media; aspects of traditional and contemporary procedures. Lecture-lab. Prereq: ART 101, ART 111, ART 121, or cons. instr. EL.

ART 125 Oil Painting. 3 cr. Exploration of oil media; aspects of traditional and contemporary procedures. Lecture-lab. Prereq: ART 101, ART 111, ART 121, or cons. instr. EL.

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 or cons. instr. EL.

ART 133 Introduction to Sculpture-Module A. 1 cr. Basic experience in three-dimensional media. A survey of materials and procedures used in sculptural processes. Lecture-lab. Prereq: ART 112 or ART 115 or cons. instr. (This is the first module of a course that is offered during two consecutive semesters. This course in combination with ART 134 is equivalent to ART 131.) EL.
ART 134 Introduction to Sculpture-Module B. 2 cr. Continuation of ART 133. Lecture-lab. Prereq: ART 133. (This is the second module of a course that is offered during two consecutive semesters. This course in combination with ART 133 is equivalent to ART 131.) EL.

ART 141 Introduction to Printmaking. 3 cr. Exploration of the graphic media. May include relief, intaglio, serigraphy, lithography. Lecture-lab. Prereq: ART 101, ART 111, or cons. instr. EL.

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 101, ART 112 recommended. EL.

ART 161 Introduction to Photography. 3 cr. Black and white still photography: the camera, the negative, the print. Lecture-lab. Prereq: ART 111 recommended. EL.

ART 170 Introduction to Crafts. 3 cr. Basic experience in craft media. May include weaving, leather, metal; a summary of applied processes. Lecture-lab. Prereq: ART 101, ART 112, or cons. instr. EL.

ART 172 Introduction to Metals. 3 cr. May include copper, silver, bronze, pewter, gold; emphasis upon studio methods and procedure. Lecture-lab. Prereq: ART 170 or cons. instr. EL.

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. HFA/FA/HP.


ART 183 Survey: Renaissance to Modern Art. 3 cr. Architecture, sculpture, painting, and decorative arts from the late middle ages to the modern era. Field trip. Lecture. HFA/FA/HP/SQ(181).

ART 185 Survey: Renaissance Art. 3 cr. Renaissance art and architecture in Italy and northern Europe. Field trip. Lecture. HFA/FA/HP.


ART 201 Introduction to Life Drawing. 3 cr. Anatomical and compositional considerations related to drawing from the human figure. Lecture-lab. Prereq: ART 102. EL.

ART 202 Intermediate Life Drawing. 3 cr. Continuation of ART 201. Lecture-lab. Prereq: ART 201. EL.

ART 209 Intermediate Life Drawing-Module A. 1 cr. Continuation of ART 201. Lecture-lab. Prereq: ART 201. (This is the first module of a course that is offered during two consecutive semesters. This course in combination with ART 210 is equivalent to ART 202.) EL.

ART 210 Intermediate Life Drawing-Module B. 2 cr. Continuation of ART 209. Lecture-lab. Prereq: ART 209. (This is the second module of a course that is offered during two consecutive semesters. This course in combination with ART 209 is equivalent to ART 202.) EL.

ART 222 Intermediate Watercolor. 3 cr. Continuation of ART 122 with emphasis upon individual development. Lecture-lab. Prereq: ART 122. EL.

ART 225 Intermediate Oil Painting. 3 cr. Continuation of ART 125 with emphasis upon individual development. Lecture-lab. Prereq: ART 125. EL.

ART 231 Intermediate Sculpture. 3 cr. Continuation of ART 131 with emphasis upon technical problems related to individual projects. Lecture-lab. Prereq: ART 131. EL.

ART 232 Sculpture II. 3 cr. Advanced work in sculptural expression; traditional and contemporary methods of production. Lecture-lab. Prereq: ART 231. EL.

ART 235 Intermediate Sculpture-Module A. 1 cr. Continuation of ART 131 with emphasis upon technical problems related to individual projects. Lecture-lab. Prereq: ART 131. (This is the first module of a course that is offered during two consecutive semesters. This course in combination with ART 236 is equivalent to ART 231.) EL.

ART 236 Intermediate Sculpture-Module B. 2 cr. Continuation of ART 235. Lecture-lab. Prereq: ART 235. (This is the second module of a course that is offered during two consecutive semesters. This course in combination with ART 235 is equivalent to ART 231.) EL.

ART 237 Sculpture II-Module A. 1 cr. Advanced work in sculptural expression; traditional and contemporary methods of production. Lecture-lab. Prereq: ART 231 or ART 236. (This is the first module of a course that is offered during two consecutive semesters. This course in combination with ART 238 is equivalent to ART 232.) EL.

ART 238 Sculpture II-Module B. 2 cr. Continuation of ART 237. Lecture-lab. Prereq: ART 237. (This is the second module of a course that is offered during two consecutive semesters. This course in combination with ART 237 is equivalent to ART 232.) EL.

ART 241 Lithography. 3 cr. Planographic printing; use of stone and metal plates, with exploration of various offset media. Lecture-lab. Prereq: ART 141 or cons. instr. EL.

ART 243 Intaglio. 3 cr. Insized printing; engraving, etching and other processes used with the intaglio press. Lecture-lab. Prereq: ART 141 or cons. instr. EL.

ART 245 Serigraphy. 3 cr. Methods and techniques. May include problems in color registration photo processes; other stencil applications. Lecture-lab. Prereq: ART 141 or cons. instr. EL.

ART 247 Relief Printing. 3 cr. Woodcut and line cut processes; a survey of problems related to color registration and production. Lecture-lab. Prereq: ART 141 or cons. instr. EL.

ART 254 Intermediate Ceramics. 3 cr. Continuation of ART 154. Further development of craftsmanship with emphasis upon individual projects. Lecture-lab. Prereq: ART 154. EL.

ART 255 Ceramics II. 3 cr. Advanced work in ceramic processes. May include construction and use of molds, slip casting; production technology. Lecture-lab. Prereq: ART 154. EL.

ART 261 Intermediate Photography. 3 cr. Continuation of ART 161 with emphasis on individual development. Lecture-lab. Prereq: ART 161. EL.
ASTRONOMY

AST 100 Survey of Astronomy, 3-4 cr. Descriptive survey of astronomy for students with minimal background in mathematics and science; the solar system, stars, nebulae, galaxies, cosmology, astronomical methods. May be offered for three credits without laboratory work, or for five credits with laboratory work consisting of telescopic observation, laboratory demonstration, and astronomy exercises. Normally not open to students who have taken AST 200. Prereq: high school algebra and geometry or two years of college algebra. MNS/NSILS.

AST 101 Observational Astronomy, 1 cr. Observation of solar system, galaxies and extra-galactic objects, and introduction to basic observational techniques in astronomy. Includes telescopic and unaided eye observation, positional astronomy, astrophotography, astrophotography, interpretation of astronomical data, and astronomy laboratory exercises. Students who have AST 200 or AST 100 for 4 credits, or equivalent courses, are not eligible for this course. Prereq: one year or high school algebra and one year of high school geometry or one semester of college algebra. If the prerequisite math course was taken more than five years ago, cons. instr. requires. MNS/NSILS.

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. Telescope 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. MNS/NSILS.

AST 281 Topics in Astronomy, 1-3 cr. An extended coverage of one or more topics in astronomy such as extra-terrestrial life, astrobiology, cosmology, astrophysics, radio astronomy, stellar structure, dynamical astronomy, galactic structure, and observational astronomy. Prereq: cons. instr.

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, food, water, air, medical and industrial microbiology. The laboratory is an introduction to standard techniques and procedures in general microbiology. Lecture, lab, and field trips. Prereq: introductory CHE. BIO courses recommended MNS/NSILS.

BAC 209 Reading and Research in Microbiology, 1-3 cr. (Same as BCT/CD 209.) 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.

BIOLOGY

BID 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 complexity of human inputs. This meets the statutory requirement for Conservation of Natural Resources required for State certification for teachers of science and social sciences. Lecture, MNS/NSILS.

BIO 108 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 field trips. MNS/NSILS.

BIO 116 Great Ideas in Biology, 2 cr. Selected landmark ideas in biology will be discussed not only to familiarize students with the concepts, but also to help them appreciate how scientific ideas develop, how technology and basic science interact, how public opinion affects the acceptance and application of advances, and how current breakthroughs are likely to affect human in the future. Lecture. IPA.

BIO 151 Introductory Biology, 5 cr. Living organisms: their structure, functional capabilities, development, population, and evolution. In combination with BIO 152 recommended for biology majors, preparatory to advanced courses in biology, botany, or zoology. Also designed for those who wish a single integrated course in biology. Lecture, lab, and field trips. MNS/NSILS/SBS/152.
**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 field trips. NMS/NS/L/S.

**BOT 130 General Botany.** 5 cr. An introduction to plant sciences holding the structure, development, physiology, and genetics of plants. The relation of the major plant groups and the principles of biology. Lecture, lab, and field trips. NMS/NS/L/S/ZOO 101.

**BOT 200 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, demonstrations, and discussion. NMS/NS.

**BOT 230 The Biological Revolution: Directing our Destiny.** 3 cr. (Same as PHI 230 and INT 230.) Combines significant elements from biology, philosophy, and psychology. This course involves a multidisciplinary exploration of the ethical and practical implications of current developments and applications in the areas of molecular genetics, reproductive biology, and sociobiology. EST.

**BOT 250 Principles of Ecology.** 4 cr. The interrelationships between living organisms and their environment, ecosystems concepts, population dynamics, community organization and distribution, and replication of ecological principles to humans and their environment. Lecture, lab, and field trips. Prereq: Introductory BIO course. NMS/NS/LS.

**BOT 260 Genetics.** 3 cr. Laws of variation and heredity and their modification by environment, genetic engineering, and chromosomal behavior with emphasis on human genetics. Lecture and lab. Prereq: Introductory BIO course. NMS/NS/LS.

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**BUSINESS**

**BUS 101 Intro to Business.** 3 cr. Introduction to the role of business in the modern political, social, and economic environment; describes career opportunities. EL.

**BUS 110 Personal Finance.** 3 cr. A study of personal financial management. Examines the financial problems and consequences financial decisions required of individuals in our economy. Subjects covered are family budgeting, consumer buying decisions, borrowing, insurance, personal real estate, income taxation, investments, and estate planning. EL.

**BUS 194 Career and Life Planning.** 2 cr. This course will enable students to develop career goals and lay out a plan 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 into an individualized course of action. Integration of career goals with current and future college course work will be stressed. EL.
BUS 201 Introductory Accounting. 4 cr. Fundamental principles, terminology, techniques, and practices; 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. EL.

BUS 202 Intermediate Accounting. 4 cr. Accounting theory, principles, concepts, and procedures 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. EL.

BUS 204 Managerial Accounting. 3 cr. Interpretation and use 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. Prereq: BUS 201. EL.

BUS 210 Business Communication. 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, memos, randa, short and long reports, resumes, manuals of procedure, and oral reports. Prereq: ENG 102 or cons. instr. EL/WE.

BUS 243 Economics and Business Statistics. 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. NMS/MS.

BUS 297 Special Topics. 1-3 cr. Prereq: cons. instr. *

BUS 298 Independent Studies. 1-3 cr. Prereq: cons. instr. *

CHEMISTRY

CHE 112 Foundations of Chemistry. 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.

CHE 123 Chemistry and Society. 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. NMS/NS. (A student may not earn more than four credits by taking CHE 123 and CHE 124.)

CHE 124 Natural Science Chemistry. 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. NMS/NS/LS. (A student may not earn more than four credits by taking CHE 123 and CHE 124.)

CHE 125 Introductory Chemistry. 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 123 or CHE 125-202 combination. Students may not count both CHE 125 and CHE 145 toward the natural science or laboratory science requirement for the associate degree. NMS/LS/SQ(203/211).

CHE 145 General Chemistry. 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 105 level or concurrent MAT 105 registration. NMS/LS/SQ(125).

CHE 155 General Chemistry. 5 cr. Continuation of CHE 145. Consists of lectures, discussions, and laboratories. Prereq: CHE 146. NMS/LS/SQ(146).

CHE 203 Survey of Biochemistry. 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: CHE 125 or CHE 145 with cons. instr. If taken alone NMS/NS, if combined with 211, NMS/LS/SQ(125).

CHE 211 Biochemistry Laboratory. 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. NMS/LS/SQ(125).

CHE 214 Physiological Chemistry. 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: CHE 125 or CHE 145 with cons. instr. NMS/NS.

CHE 244 Quantitative Analysis. 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: CHE 155. NMS/LS.

CHE 290 Special Topics in Chemistry. 1-3 cr. Prereq: cons. instr. *

CHE 299 Independent Study in Chemistry. 1-3 cr. Prereq: cons. instr. *

CHE 343 Introductory Organic Chemistry. 3 cr. The first semester of a year course in organic chemistry. Three hours of lecture per week. Prereq: CHE 155 or cons. instr. NMS/NS if combined with 352, LS/SQ(363).

CHE 352 Introductory Organic Chemistry Laboratory. 2 cr. Six to eight hours of laboratory per week. Prereq: CHE 343 or concurrent registration. NMS/NS/LS.

COMMUNICATION ARTS

COM 101 Introduction to Interpersonal Communication. 3 cr. A course aimed at increasing the student's awareness of how he or she and others communicate and at improving communication with others in one-on-one situations. Topics studied include perception, listening, nonverbal communication, language, and conflict management. EL.

COM 102 Forensics Laboratory. 1 cr. Participation in forensics activities including, but not limited to, oral interpretation, extemporaneous speaking, after-dinner speaking, impromptu speaking, debate, discussion, and play reading. It is possible to register in more than one section with cons. instr.
  Sect. 1 Discussion-Debate. 1 cr. EL.
  Sect. 2 Rhetoric. 1 cr. EL.
  Sect. 3 Interpretation. 1 cr. EL.

COM 103 Introduction to Public Speaking. 3 cr. Study of the principles and techniques of effective speaking and listening in a variety of selected communication experiences. SE.

COM 104 Applied Journalism—Newspaper. 1 cr. Practical application of the principles of writing, editing, photography, and production of materials for campus publications. EL.

COM 105 Applied Journalism—Radio. 1 cr. Practical application of the principles of writing, editing, and producing materials and/or presenting materials on the radio. EL.

COM 106 Applied Journalism—Television. 1 cr. Practical application of the principles of writing, editing, and producing materials for and/or presenting materials on television. EL.

COM 110 Listening. 2-3 cr. 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. EL.

COM 130 Introduction to Theatre. 3 cr. 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. HFA/FA/HP/PT.

COM 131 Theatre Laboratory. 1 cr. Participation in theatrical production activities including directing, 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.
  Sect. 1 Acting. 1 cr. EL.
  Sect. 2 Technical production. 1 cr. EL.
  Sect. 3 Theatre management. 1 cr. EL.

COM 150 Introduction to Film. 3 cr. Study of the nature and development of film as a distinctive medium of communication and as an art form. HFA/FA/HP/PT.

COM 160 Speech and Human Behavior. 3 cr. The study of people as complex communicators who through physical, behavioral, and linguistic signs send and receive messages in a variety of social and cultural interactions. Prereq: COM 101. EL.

COM 201 Introduction to Mass Communication. 3 cr. 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/HP.
COM 232 Introduction to Acting. 3 cr. Exploration of the actor's self through exercises and improvisations to enhance concentration of attention, observation, imagination, and sensory responsiveness. EL.

COM 234 Introduction to Stagecraft. 3 cr. Theories and techniques of stagecraft, such as set design and construction, stage painting, stage lighting, costume, and make-up. EL.

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. EL.

COM 268 Persuasion. 3 cr. Principles and methods of persuasion, with practice in the preparation and delivery of various types of persuasive speeches. Prereq: COM 103 or cons. instr. EL/USE.

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 348 Creative Dramatics for Children. 3 cr. Theory and function of creative dramatics and applications in elementary education. EL.

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. EL.

**COMPUTER SCIENCE**

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. 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. EL.

CPS 106 Word Processing Concepts. 1 cr. Text entry, editing, and manipulation. Covers typical as well as many advanced features of word processing. Extensive hands-on experience. Prereq: CPS 101 or CPS 103 or cons. instr. EL.

CPS 107 Spreadsheet Concepts. 1 cr. Typical features and application of electronic spreadsheets. This course involves extensive hands-on experience. Prereq: CPS 101 or CPS 103 or cons. instr. EL.

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. Prereq: CPS 101 or CPS 103 or cons. instr. EL.

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 with possible exposure to a second language. Prereq: intermediate high school mathematics or MAT course. EL.

CPS 111 Introduction to Computer Science (FORTRAN). 3 cr. Same as CPS 110 except FORTRAN is primary language. EL.

CPS 113 Introduction to Computer Science (Pascal). 3 cr. Same as CPS 110 except Pascal is primary language. EL.

CPS 120 Introduction to Data Processing. 3 cr. A study of the methods and concepts of gathering data and converting it into information. Emphasis will be on computer data processing and will include topics such as program preparation and documentation, time sharing, storage and information retrieval, computer arithmetic, and data representation, BASIC, FORTRAN, and COBOL programming. Prereq: MAT 110, MAT 124, or equivalent. EL.

CPS 130 Introduction to Programming (BASIC). 1-2 cr. The basics of programming 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. EL.

CPS 131 Intro to Programming (FORTRAN). 1-2 cr. Same as CPS 130 except FORTRAN is primary language. EL.

CPS 133 Intro to Programming (Pascal). 1-2 cr. Same as CPS 130 except Pascal is primary language. EL.

CPS 210 Algebraic Language Programming (BASIC). 3 cr. Construction of algorithms, flow-charting and documentation, instruction and extensive experience in the use of a procedure-oriented language (BASIC) emphasizing modular programming techniques, optional topics. Prereq: Previous programming experience or consent of instructor or MAT 211 or MAT 221 (or concurrent registration). NMS/MS.

CPS 211 Algebraic Language Programming (FORTRAN). 3 cr. Same as CPS 210 except FORTRAN is primary language. NMS/MS/SQ(241).

CPS 213 Algebraic Language Programming (Pascal). 3 cr. Same as CPS 210 except Pascal is primary language. NMS/MS/SQ(243).
CPS 231 Numerical Methods. 2 cr. An introduction to numerical analysis designed for engineers, mathematicians, physicists, and computer scientists. Topics include evaluation of functions, finding zeroes of functions, quadrature, numerical solution of linear algebraic equations, and methods for ordinary differential equations. Prereq: MAT 222 and CPS 210, CPS 211, or CPS 213. NMS/MS.

CPS 240 Problem Solving with BASIC. 3 cr. This course is a continuation of CPS 210. It contains a review of beginning BASIC and continues into more advanced topics, typically to include things such as multidimensional arrays, record structure, and file handling. Emphasis on problem solving, algorithm development, and programming style. Prereq: CPS 210 or equivalent. NMS/MS.

CPS 241 Problem Solving with FORTRAN. 3 cr. Same as CPS 240 except FORTRAN is primary language. NMS/MS/SQ(211).

CPS 243 Problem Solving with Pascal. 3 cr. Same as CPS 240 except Pascal is primary language. NMS/MS/SQ(213).

Programming in Computer Language.

CPS 252 COBOL.

CPS 253 Pascal.

CPS 256 C Language. (3 cr. only).

CPS 260 Assembly Language. 2-3 cr. These courses are designed to teach a new programming language to a student who already has experience in programming. The number of credits is determined by the depth of study in the particular language. Note: These courses may not be taken for credit by a student whose previous programming experience lies in that particular language. Prereq: consent of instructor or CPS 110, CPS 111, or CPS 113; or CPS 210, CPS 211, or CPS 213. NMS/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: CPS 210, CPS 211, or CPS 213. NMS/MS.

CPS 291 Special Topics. 1-3 cr. In-depth treatment of subjects introduced in CPS 110, CPS 210, or other 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: CPS 110, CPS 210, or cons. instr.*

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

ECO 101 Survey of Economics. 3 cr. A study of the economic system, with emphasis on problems and policies. Among the subjects included are markets and prices, income distribution, business fluctuation, economic growth, and comparative economic systems. Students with credit in ECO 203 or ECO 204 may not receive credit; if a student takes ECO 203 or ECO 204 after receiving ECO 101 credit, that credit will not apply toward associate degree requirement. SS.

ECO 203 Economics-Macro. 3-4 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/SQ(204).

ECO 204 Economics-Micro. 3-4 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/SQ(203).

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 101, ECO 203, or equivalent. 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. NMS/MS.


ECO 297 Special Topics. 1-3 cr. Prereq: cons. instr. *

ECO 299 Independent Studies. 1-3 cr. Prereq: cons. instr. *

EDUCATION

EDU 201 Concepts, Issues, and Field Experience in Education. 3 cr. Discussion of educational principles, concepts, and issues related to student-teacher-school-community interactions, including developmental aspects, sociocultural influences, and human relations (two hours per week). Off-campus experience involving active participation in the program at an educational institution (five hours per week). EL.

EDU 283 Literature for Children. 3 cr. Folk literature including the fairy tale, fable, myth, epic, and tall tales. Emphasis on modern fanciful and realistic fiction, traditional and modern poetry, and ways of presenting literature to children. Prereq: ENG 102. EL.

EDU 300 The Exceptional Child. 3 cr. Study of the definition, classification, and etiology of conditions creating special education needs. Topics reviewed include intellectually retarded, gifted, and emotionally disturbed, and the speech, auditory, visually, orthopedically, and neurologically impaired. Prereq: grade of C- or better in PSY 201 or PSY 202; PSY 360 recommended. EL.
EDU 330 Educational Psychology, 3-4 cr. A study of the developmental process in children and psychological principles of teaching and learning. Emphasis will be placed on understanding children and classrooms, their developmental stages, their growth and maturation—social, emotional, physical, intellectual. 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: grade of C- or better in PSY 201 or PSY 232, EL.

ENGINEERING

EGF 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 100 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. EL.

Engineering Graphics

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. The class meets six hours each week to allow the student to do most of the drawing under the supervision of the instructor. Prereq: Intermediate MAT or cons. instr. EL.

GRA 115 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 projects. Advanced principles of projection and graphical analysis, sectional views, dimensioning, assembly drawings, mechanisms, graphs, and topography. The class meets six hours each week to allow the student to do most of the drawing under the supervision of the instructor. Prereq: GRA 102 or cons. instr. EL.

Engineering Mechanics

MEC 201 Statics, 3 cr. Principles of mechanics, forces 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, EL.

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, EI.

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

ENGLISH AND LITERATURE

(See also Non-degree credit courses, p. 66)

ENG 101 Composition I, 3 cr. A writing course that focuses on the basic techniques of composition, on the continuous 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 through a sufficiently high placement test score.

ENG 102 Composition II, 3 cr. A rhetoric course that focuses on writing which presents information and ideas effectively, 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 through sufficiently high placement test score. PR.

ENG 201 Intermediate Composition, 3 cr. A course devoted to the theory and practice of writing prose that presents information and ideas and is intended to inform and persuade. Emphasis will be placed on coherent organization, clear and forceful phrasing, logical thinking, and other aspects of effective communication. Prereq: ENG 102, ENG 202, or cons. instr. EL.

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 expository papers about literature. Prereq: ENG 102, ENG 201, or cons. instr. HFAVT.

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, ENG 202, or cons. instr. EL.

ENG 204 Creative Writing II, 3 cr. A continuation of ENG 203. Prereq: ENG 203 or cons. instr. EL.
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, ENG 102, or cons. instr. EL.

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, editing of business letters, memos, and reports. Prereq: ENG 102 or cons. instr. EL.

ENG 220 Introduction to the English Language 3 cr. A beginning course in the study of the English language, concerned with subjects such as the history and structure of the language, development of dictionaries, changing meanings of words, and types of grammar. An elective open to freshmen but not as a substitute for ENG 101, ENG 102, or ENG 262. EL.

ENG 251 Introduction to Literature 3 cr. Intensive analysis of literature, including poetry, drama, and fiction, using representative types, primarily from several periods of English and American literature. Not open to students with credit in ENG 251, ENG 253, or ENG 255. Prereq/ ENG 101 (or exemption based on placement test score) or ENG 102 or cons. instr. HFA/PT.

ENG 254 Technical Communication 3 cr. Intensive analysis of technical literature, including text and design for technical and business publications. Prereq: ENG 251 or ENG 253 or ENG 255 or cons. instr. HFA/PT.

ENG 255 English Literature Before 1660 3 cr. A study of the development of English literature from before 1660 through a survey of representative literary works. Not open to students with credit in ENG 250. Prereq: ENG 101 (or exemption based on placement test score) or ENG 102 or cons. instr. HFA/PT.

ENG 256 English Literature 1660-1798 3 cr. A study of the development of English literature from 1660 through a survey of representative literary works. Not open to students with credit in ENG 250. Prereq: ENG 101 (or exemption based on placement test score) or ENG 102 or cons. instr. HFA/PT.

ENG 257 Modern Literature (Before 1945) 3 cr. A study of the development of modern literature through the examination of significant and representative works written before 1945. Not open to students with credit in ENG 250. Prereq: ENG 101 (or exemption based on placement test score) or ENG 102 or cons. instr. HFA/PT.
ENG 267 Contemporary Literature (After 1945). 3 cr. A study of the development of contemporary literature through the examination of significant and representative works written after approximately 1945. Not open to students with credit in ENG 276. Prereq: ENG 101 or exemption based on placement test score or ENG 102 or cons. instr. HFA/PT/CC/SQ(266).

ENG 268 International Literature Before 1750. 3 cr. A study of representative authors from selected regions and eras, ranging from non-Western traditions such as the Indian, Arabic, West African, Chinese, Japanese, and Native American to Western traditions such as the Greek, Teutonic, Russian and/or South American. Content and focus will vary according to instructor. Prereq: ENG 101 (or exemption based on placement test score) or ENG 102 or cons. instr. HFA/PT/CC/SQ(269).

ENG 269 International Literature After 1750. 3 cr. A study of representative authors from selected regions and eras ranging from non-Western traditions such as the Indian, Arabic, West African, Chinese, Japanese, and Native American to Western traditions such as the Greek, Teutonic, Russian, and/or South American. Content and focus will vary according to instructor. Prereq: ENG 101 (or exemption based on placement test score) or ENG 102 or cons. instr. HFA/PT/CC/SQ(269).

ENG 270 English Literature. 3 cr. A study of the nature of British literature through the examination of representative literary works by major British authors. Not open to students with credit in ENG 260 or 261. Prereq: ENG 101 (or exemption based on placement test score) or ENG 102 or cons. instr. HFA/PT.

ENG 272 American Literature. 3 cr. A study of the nature of American literature through the examination of representative literary works by major American authors. Not open to students with credit in ENG 262 or 263. Prereq: ENG 101 (or exemption based on placement test score) or ENG 102 or cons. instr. HFA/PT.

ENG 273 Studies in International Literature. 3 cr. A study of representative authors from selected regions and eras, ranging from non-Western traditions such as the Indian, Arabic, African, Native American, Chinese, and Japanese to Western traditions such as the Scandinavian, Australian, Russian, and South American. Content and focus will vary according to instructor. Not open to students with credit in ENG 268 or ENG 269. Prereq: ENG 101 (or exemption based on placement test score) or ENG 102 or cons. instr. HFA/PT/CC.

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: ENG 101 (or exemption based on placement test score) or ENG 102 or cons. instr. HFA/PT.

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: ENG 101 (or exemption based on placement test score) or ENG 102 or cons. instr. HFA/PT/CC.

ENG 276 Twentieth Century Literature. 3 cr. A study of the nature of twentieth century literature through the examination of representative literary works by significant authors, primarily British and American, of the twentieth century. Not open to students with credit in ENG 266 or ENG 267. Prereq: ENG 101 (or exemption based on placement test score) or ENG 102 or cons. instr. HFA/PT.

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. Program must be approved by the UW Centers English Department chair. Prereq: ENG 101 (or exemption based on placement test score) or ENG 102 or cons. instr. HFA/PT.

ENG 278 Minority Voices in Literature: A Cross-Cultural Perspective. 3 cr. A study of literature by--and expressing the perspective of--minorities in America. Program must be approved by the UW Centers English Department chair. Prereq: ENG 101 (or exemption based on placement test score) or ENG 102 or cons. instr. HFA/PT/CC/E.

ENG 279 Women in Literature. 3 cr. A study of women characters and/or authors in their cultural contexts through an examination of representative literary works by significant authors. Prereq: ENG 101 (or exemption based on placement test score) or ENG 102 or cons. instr. HFA/PT/CC.

ENG 280 Introduction to Shakespeare. 3 cr. A study of representative plays and sonnets. Prereq: ENG 101 (or exemption based on placement test score) or ENG 102 or cons. instr. HFA/PT.

ENG 280 Special Topics. 1-2 cr. Designed to cover topics which cannot be accommodated in usual course format or by other courses. Topics will be specified in campus timetable. Program must be approved by the UW Centers English Department chair. Prereq: cons. instr. *.

ENG 299 Independent Study. 1-3 cr. Program must be approved by the UW Centers English Department chair. Prereq: cons. instr. *

ENG 351 Studies in Dramatic Literature. 3 cr. An exploration of some aspect of drama or the theory of drama, of the internal history of the genre or the distinctive character of the mode, and its application in practical criticism to an appropriate body of primarily English and American literature. Program must be approved by the UW Centers English Department chair. Prereq: ENG 101 (or exemption based on placement test score) or ENG 102 or cons. instr. HFA/PT.

ENG 353 Studies in Narrative Literature. 3 cr. An exploration of some aspect, problem, or distinctive variety of narrative or the theory of narrative, in forms such as the novel, the short story, the epic, the romance, and its application in practical criticism to an appropriate body of primarily English and American literature. Program must be approved by the UW Centers English Department chair. Prereq: ENG 101 (or exemption based on placement test score) or ENG 102 or cons. instr. HFA/PT.
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. EL.

FRE 102 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 also may include cultural studies of France and other French-speaking countries. Field trip may be required. No prerequisite. (This course in combination with FRE 104 is equivalent to FRE 101.) EL.

FRE 104 First Semester Part II. 2 cr. Continuation of FRE 103 and second module of a two-part introductory sequence. 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. No prerequisite. (This course in combination with FRE 103 is equivalent to FRE 101.) EL.

FRE 105 Second Semester French. 4 cr. Continuation of FRE 101 or FRE 104. Field trip may be required. No prerequisite. FRE 101 or FRE 104 or cons. instr. EL.

FRE 106 Second Semester Part I. 2 cr. Continuation of FRE 104 or FRE 106. This is the first module of a two-part second-semester sequence. Field trip may be required. No prerequisite. FRE 101 or FRE 104 or cons. instr. (The course in combination with FRE 107 is equivalent to FRE 106.) EL.

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. No prerequisite. FRE 106 or cons. instr. (The course in combination with FRE 106 is equivalent to FRE 107.) EL.

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. No prerequisite. EL.

FRE 119 Practical Spoken French. 1-2 cr. Continuation of FRE 118. Not part of the sequence of required foreign language courses. No prerequisite. FRE 118 or cons. instr. EL.

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. No prerequisite. FRE 103 or FRE 107 or cons. instr. EL.

FRE 202 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.) EL.

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.) EL.

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. HFA/EL.

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 206 is equivalent to FRE 205.) HFA/EL.

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 207.) HFA/EL.

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. EL.

FRE 216 Elementary Conversation and Composition. 1-2 cr. May be taken concurrently with FRE 205. Carries no retroactive credit. Prereq: FRE 215 or cons. instr. EL.

FRE 219 French 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: FRE 201 or FRE 204 or cons. instr. EL.

FRE 221 Introduction to French Literature, Middle Ages to Eighteenth Century. 3 cr. Masterpieces in fiction, drama, poetry, and essay. Lectures in literary history and criticism, exercises in interpretation, compositions, oral presentations, and class discussions in French. Prereq: FRE 205 or FRE 207 or cons. instr. HFA/PT/SQ(222,223).

FRE 222 Introduction to French Literature, Eighteenth and Nineteenth Centuries. 3 cr. Masterpieces in fiction, drama, poetry, and essay. Lectures in literary history and criticism, exercises in interpretation, compositions, oral presentations, and class discussions in French. Prereq: FRE 205 or FRE 207 or cons. instr. HFA/PT/SQ(221,223).

FRE 223 Introduction to French Literature, Twentieth Century. 3 cr. Masterpieces in fiction, drama, poetry, and essay. Lectures in literary history and criticism, exercises in interpretation, compositions, oral presentations, and class discussions in French. Prereq: FRE 205 or FRE 207 or cons. instr. HFA/PT/SQ(221,222).

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. HFA/SQ(226).

FRE 226 Intermediate Conversation and Composition. 3 cr. Continuation of FRE 225. Prereq: FRE 225 or cons. instr. HFA/SQ(225).

FRE 275 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. HFA/PT.

FRE 277 Special Topics in Literature in Translation. 2-3 cr. Treats various topics of French literature to be specified by instructor in campus timetable. 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. HFA/PT.

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. EL.

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. EL.

GEOGRAPHY

GEO 101 Introduction to Cultural Geography. 3 cr. An examination of world distribution patterns of population, settlement and cultural forms, and their causal relationships. SS/CC/SQ(102)/SQ(110).

GEO 102 Roots and Diversity. 3 cr. A geography of American minority groups. An introduction to ethnic geography that examines selected minority groups in the United States and Canada, (including African-Americans, Hispanics, Native Americans, Chinese, etc.) using the major themes of cultural geography. ES/HP/CC/SS/SQ(101).

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. NMS/NS(If 4 cr. also 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. NMS/NS(If 4 cr. also LS).

GEO 110 World Regional Geography. 3 cr. Introduction to cultural geography through the study of representative and significant regions and nations. SS/CC/SQ(101).
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 trips. Not open to those who have had GLG 101, GEO 102. NMS/NS.

GLG 101 Physical Geology. 4-5 cr. An introduction to the study of the planet earth and its place in the universe; the processes in operation above, on, and beneath its surface; and the relationship of people with the resulting geologic environment. Lab includes the study and classification of minerals and rocks, as well as the interpretation of topographic and geologic maps. Field trips. Not open to those who have had GLG 100. NMS/NS/L/LS/SQ(102).

GLG 102 Historical Geology. 4-5 cr. Physical history of the earth in relationship to the orderly development of life throughout geologic time. Lecture, lab, and field trips. Prereq: GLG 101 or cons. instr. NMS/NS/L/LS/SQ(101).

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. NMS/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. NMS/NS if 4 cr. also LS.

GLG 130 Geologic Methods I. 3 cr. The techniques used in investigating, identifying, and classifying earth materials. Lab work with demonstrations. Field trips. NMS/NS/LS.

GLG 131 Geologic Methods II. 3 cr. Introduction to photogeology, use and interpretation of aerial photographs. Topographic and geologic maps, including application to historical geology. Lab and field trips. NMS/NS/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 required. NMS/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. Lecture, lab, and field trips. NMS/NS/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. *

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 be taken more than once. Prereq: sophomore standing and cons. instr. *

GLG 301 Principles of Mineralogy. 4 cr. Minerals—their physical and chemical properties, crystallography, geologic significance, and uses. Prereq: GLG 101 or GLG 102 and high school or college chemistry course. NMS/NS/LS.

GLG 302 Elementary Petrology. 4 cr. Study of igneous, sedimentary, and metamorphic rocks, including classification, genesis, field identification, and petrographic microscope study. Field trips. Prereq: GLG 301. NMS/NS/LS.

GLG 306 Gems and Precious Stones. 2 cr. The mineralogy and properties of gem minerals, as well as semi-precious and non-precious lapidary materials. Geologic origins, location, and composition of specific minerals; why they are valuable, and the several methods of cutting rough materials to a finished state. NMS/NS.

GLG 309 Geomorphology. 3 cr. Principles and analysis of geomorphic processes and resulting landforms. Field trip. Prereq: One of the following—GLG 100, GLG 101, GLG 135, GEO 120, or GEO 124. NMS/NS.

GLG 314 Geologic Field Methods. 3 cr. Theory and techniques of geologic mapping and field work. Theory and use of air photographs, aerial mosaics, altimeter, hand level, Brunton, Jacob staff, section measuring, alidade, and transit. Lecture, lab, and field trip. Prereq: GLG 102. NMS/NS/LS.

GLG 334 Glacial and Pleistocene Geology. 3 cr. Principles, characteristics, and work of glaciers; events of the Pleistocene Period. Field trips. Prereq: One of the following—GLG 100, GLG 101, GLG 305, GEO 120, or GEO 124. NMS/NS.

GLG 350 Minerals as a Public Problem. 3 cr. Distribution of mineral resources, present and future problems of mineral supply, conservation of minerals, and mineral resources in relation to national and international policy. Prereq: sophomore standing or cons. instr. EL.

GERMAN

GE 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. EL.

GE 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 GE 104 is equivalent to GE 101.) EL.

GE 104 First Semester-Part II. 2 cr. Continuation of GE 103 and second module of a two-part introductory sequence. Field trip may be required. Prereq: GE 103 or cons. instr. (This course in combination with GE 103 is equivalent to GE 101.) EL.
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. EL.

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.) EL.

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 105 is equivalent to GER 105.) EL.

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. EL.

GER 119 Practical Spoken German. 1-2 cr. Continuation of GER 118. Not part of the sequence of required foreign language courses. Prereq: GER 118 or cons. instr. EL.

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. EL.

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. EL.

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.) EL.

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. HFA/PT.

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.) HFA/PT.

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 205 is equivalent to GER 205.) HFA/PT.

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. EL.

GER 216 Elementary Conversation and Composition. 1-2 cr. May be taken concurrently with GER 205. Carries no retroactive credit. Prereq: GER 215 or cons. instr. EL.

GER 221 Introduction to German Literature, Middle Ages to Eighteenth Century. 3 cr. Masterpieces in fiction, drama, poetry, and essay. Lectures in literary history and criticism, exercises in interpretation, compositions, oral presentations, and class discussions in German. Prereq: GER 205 or GER 207 or cons. instr. HFA/PT/SQ(222,223).

GER 222 Introduction to German Literature, Eighteenth and Nineteenth Centuries. 3 cr. Masterpieces in fiction, drama, poetry, and essay. Lectures in literary history and criticism, exercises in interpretation, compositions, oral presentations, and class discussions in German. Prereq: GER 205 or GER 207 or cons. instr. HFA/PT/SQ(221,222).

GER 223 Introduction to German Literature, Twentieth Century. 3 cr. Masterpieces in fiction, drama, poetry, and essay. Lectures in literary history and criticism, exercises in interpretation, compositions, oral presentations, and class discussions in German. Prereq: GER 205 or GER 207 or cons. instr. HFA/PT/SQ(221,222).

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. HFA/SQ(226).

GER 226 Intermediate Conversation and Composition. 3 cr. Continuation of GER 225. Prereq: GER 225 or cons. instr. HFA/SQ(225).

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. HFA/PT.

GER 277 Special Topics in Literature in Translation. 2-3 cr. Treats various topics of German literature to be specified by instructor in campus timetable. 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. HFA/PT.

GER 291 Selected Topics in German. 2-3 cr. Treats various topics of German literature to be specified by instructor in campus timetable. 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. HFA/PT.

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. *
HIS 101 United States History to the Civil War. 3-4 cr. American political, economic, and social development from the age of exploration and founding of the colonies to the Civil War. SSHA/SP(102).

HIS 102 History of the United States Since the Civil War. 3-4 cr. American political, economic, and social development from the Civil War to the present. SSHA/SP(101).

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, economic, and social development, and the contributions made by non-Western peoples. HFA/HP/SP(106).

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. HFA/HP/SP(106).

HIS 110 Ancient History. 3-4 cr. Survey of the history of civilization from the beginning of Mesopotamia and Egypt through Classical Greece with emphasis on institutional and social development. HFA/HP/SP(110).

HIS 111 Ancient History. 3-4 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. HFA/HP/SP(111).

HIS 112 Ancient History. 3-4 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. HFA/HP/SP(112).

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. SSHA.

HIS 115 Medieval Europe. 3-4 cr. General introduction to the history of Europe, from the fall of the Roman Empire to the end of the Middle Ages. HFA/HP.

HIS 118 The United States & Vietnam. 2-3 cr. An investigation of the war in Southeast Asia, 1945-1975, focusing on three 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. SSHA.

HIS 119 The Making of Modern Europe. 3-4 cr. An introduction to the principal developments in the history of Europe from the Renaissance to the fall of Napoleon. HFA/HP/SP(120).

HIS 120 Europe and the Modern World, 1815 to the Present. 3-4 cr. A general survey of the political, economic, social, and cultural history of modern Western civilization. HFA/HP/SP(121).

HIS 123 English History: England to 1668. 3-4 cr. General survey of the political, economic, social, and cultural history of England from earliest historic times. SSHA/SP(124).

HIS 124 British History: 1668 to the Present. 3-4 cr. General survey of the political, economic, social, and cultural history of Great Britain. SSHA/SP(124).

HIS 126 Twentieth Century Europe. 2-3 cr. Study of the major political, social, and cultural developments of Europe since 1900. SSHA.

HIS 127 The World in the Twentieth Century. 3-4 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. SSHA.

HIS 150 History of the Family. 3 cr. The pre-industrial family; the affad of industrialism, child rearing, courtship, adolescence, domestic life, old age, death, and dying. Emphasis on American and/or European experience. SSHA.

HIS 198 The Film as Social History. 2-3 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 a 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. SSHA/SP.

HIS 211 History of the American Frontier. 3 cr. American expansion focusing on the Turner hypothesis, land policy, territorial evolution, Indian policy, mining, lumbering, and fishing frontiers, the cattleman's West, transportation, and the literary uses of the West. Prereq: sophomore standing or cons. inst. SSHA/SP/CC.

HIS 213 Recent Latin America. 3 cr. Recent development of Hispanic and Portuguese America, emphasizing the evolution of independent states. SSHA/SP/CC.
HIS 215 History of the Mediterranean, 500-1650. 3 cr. The society and economy of the coastal regions of southern Europe, the Middle East, and North Africa from the end of antiquity to the beginning of the modern era. Prereq: HIS 115 or cons. instr. HFA/HP/CC.

HIS 216 History of Modern Germany, 1815-Present. 3 cr. Political, social, economic, and cultural development from the end of the Napoleonic wars, through the founding of the German Empire, World War I, the Weimar Republic, the Nazi era, World War II, and the postwar period. Emphasis is on evolution of conservatism, liberalism, socialism, and nationalism; the rise of Hitler and National Socialism; and the re-orientation of Germany after 1945. Prereq: sophomore standing or cons. instr. SS/HP.

HIS 219 History of the Soviet Union. 3 cr. A consideration of the major themes and personalities of Russian history since 1917. Prereq: sophomore standing or cons. instr. SS/HP.

HIS 222 Recent Chinese History. 3 cr. Western impact, social change, and revolutions in twentieth century China, pre-1949. Prereq: sophomore standing or cons. instr. SS/HP.

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. Prerequisite: sophomore standing or cons. instr. SS/HP/P.

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. Prereq: sophomore standing or cons. instr. SS/HP.

HIS 255 Proseminar in History. 3-4 cr. This course will explore a historical topic through readings, discussion, and written assignments. *

HIS 256 Topics in History. 1-4 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. Prereq: sophomore standing or cons. instr. SS/HP.

HIS 259 History of Europe Since 1945. 3 cr. Political, social, economic, and moral effects of the Nazi era, the Resistance and the Liberation; restoration and reconstruction; influence of the United States and the Soviet Union; capitalism, socialism, and communism; the European unity movement and the Cold War; social and cultural changes; relations with Africa and Asia. Prereq: sophomore standing or cons. instr. SS/HP.

HIS 260 History of Technology. 3 cr. General survey of the development of technology from early humans to the advent of the Industrial Revolution with analyses of the relationship between science and technology and the interaction of Eastern and Western cultures. SS/HP.

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. Prereq: sophomore standing or cons. instr. SS/HP.

HIS 276 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. Prereq: sophomore standing or cons. instr. SS/HP/CC/ES.

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/HP/CC.

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. Prereq: sophomore standing or cons. instr. SS/HP.

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. Prereq: sophomore standing or cons. instr. SS/HP.

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. Prereq: sophomore standing or cons. instr. SS/HP/SQ(285).

HIS 288 Representative Americans. 3 cr. A biographical approach; evaluation of contributions of leading Americans to the nation's development. Prereq: sophomore standing or cons. instr. SS/HP.

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. Prereq: sophomore standing or cons. instr. SS/HP.

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. Prereq: sophomore standing or cons. instr. SS/HP.

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. Prereq: sophomore standing or cons. instr. SS/HP/P.
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 opening of the Civil Rights movement. Prereq: sophomore standing or cons. instr. SS/HP.

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. *

INTERDISCIPLINARY STUDIES

INT 100 Freshman Seminar. 1-3 cr. Course for entering freshmen. Consult campus timetable for description. Must be approved by UWC Curriculum Committee. *

INT 101 Introduction to Women's Studies. 3 cr. (Same as WOM 101.) An introduction to the major problems addressed by Women's Studies with an emphasis on the theoretical and methodological issues involved in gaining accurate knowledge about women. Literary, philosophical, historical, and social science perspectives are used to understand the experience of women and the cultural construction of gender. IST/CC.

INT 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.

INT 210 Nature and Culture: The Eighteenth Century. 3 cr. (Same as PHI 232). This course involves participants from several disciplines, representing the humanities, social sciences, fine arts, and natural sciences. The course emphasizes philosophy, literature, art, science, and technology in the eighteenth century. IST/HP.

INT 230 The Biological Revolution: Directing Our Destiny. 3 cr. (Same as PHI 230 and BIO 230). Combines significant elements from biology, philosophy, and psychology. This course involves a multidisciplinary exploration of the ethical and practical implications of current developments and applications in the areas of molecular genetics, reproductive biology, and sociobiology. IST.

INT 231 Feminism, Equality, and Public Policy. 3 cr. (Same as WOM 231, 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. IST/CC.

INT 290 Special Topics in Integrated Studies. 1-3 cr. Interdisciplinary courses involving major 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. *

LECTURE (UNIVERSITY) FORUM

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 twice for a maximum of two credits. *

LEC 102 Library Methods. 1-2 cr. A course designed to assist students in the identification and use of library resources, to illustrate the organization of libraries within the academic setting, and to acquaint the student in the use of books and libraries as sources of information in contemporary society. EL.

MATHEMATICS

For all courses which have a prerequisite, a grade of C- or better is required in the prerequisite course. In addition to the stated prerequisites, some campuses provide placement exams and recommend a satisfactory score for placement in certain courses.

In math, credits earned in course x taken after passing course y, for which x is a prerequisite, shall not count toward the associate degree requirements. (See also Non-degree credit courses, p.66)

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: 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. PR.
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). NMS/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. NMS/MS.

MAT 117 Elementary Statistics. 3 cr. The primary aim of the course is to give students 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 equivalent. NMS/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. NMS/MS.

MAT 130 Mathematics for Elementary Teachers. 3 cr. A mathematics content course for prospective elementary teacher. Emphasis is on development of mathematical concepts. 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 two years of high school algebra and one year of high school geometry, or cons. req. NMS/MS/SQ(130).

MAT 132 Geometry for Elementary Teachers. 3 cr. A continuation of MAT 130 with emphasis on 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: high school algebra and geometry. NMS/MS/SQ(130).

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. NMS/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. NMS/MS/SQ(211).

MAT 211 Calculus I. 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 including multivariable calculus. Students who are preparing to major in mathematics, engineering, or physical sciences should enroll in the MAT 221, MAT 222, and MAT 223 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. NMS/MS/SQ(210).

MAT 220 Computer Illustrations of Calculus. 1 cr. This course uses computer techniques to analyze instructor-selected topics from calculus such as the Nyquist criterion, approximation of function limits, approximation of the location of extreme values, integral approximations and applications, and polynomial series approximation of functions. Prereq: a grade of C- or better or concurrent enrollment in MAT 221 or MAT 211 or equivalent. May be taken for repeat credit with concurrent enrollment in MAT 222 or MAT 223. NMS/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. NMS/MS/SQ(222).

MAT 222 Calculus and Analytic Geometry II. 3 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. NMS/MS/SQ(221 or 222).
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. NMS/MS/SQ/222.

MAT 224 Linear Mathematics. 4 cr. 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. NMS/MS.

MAT 230 Discrete Mathematics. 3 cr. An introduction to discrete mathematics with emphasis on topics applicable to computer science. Topics include symbolic logic, sets and relations, induction and recurrence, counting techniques, algorithm analysis, graphs and digraphs, and Boolean algebra. Prereq: a grade of C- or better in MAT 224 and CPS 211 or CPS 213. NMS/MS.

MAT 240 Statistical Analysis. 3 cr. 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. NMS/MS.

MAT 262 Linear Algebra. 3 cr. Matrices, 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. NMS/MS.

MAT 271 Ordinary Differential Equations. 3 cr. Review of ordinary differential equations of the first and second order, series solutions, higher order linear equations, the Wronskian, Laplace transforms and applications, numerical methods, boundary value problems, and Sturm-Liouville theory. Prereq: a grade of C- or better in MAT 223. NMS/MS.

MAT 272 Intro to Fourier Analysis. 1 cr. This course will acquaint engineering students with Fourier methods in solving differential equations. Emphasis is on input-output techniques and may involve further applications of Laplace transforms and other topics. Prereq: a grade of C- or better in MAT 223 and either MAT 271 or MAT 224 or MAT 223 and concurrent registration in MAT 271 or MAT 224. NMS/MS.

MAT 290 Special Topics in Mathematics. 1-3 cr. 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 coreq: instr.

MAT 299 Independent Reading in Mathematics. 1-3 cr. Prereq: Sophomore standing and coreq instr.*

METEOROLOGY

MLG 100 Weather and Climate. 2-4 cr. Introductory course in meteorology. Nature and causes of wind, clouds, and precipitation; storms and severe weather; cold fronts, thunderstorms, tornadoes, and hurricanes; weather maps and forecasting. 2-3 cr. NMS/MS(S or 4 cr. also LS).
MUS 107 Vocal Techniques. 2 cr. Theory and practice in fundamentals of singing. EL.

MUS 115 Woodwind Techniques. 2 cr. Flute, oboe, and bassoon. EL.

MUS 121 Woodwind Techniques. 2 cr. Clarinet and saxophone. EL.

MUS 130 Brass Techniques. 2 cr. Trumpet and horn. EL.

MUS 131 Theory Fundamentals. 2 cr. Open to non-music majors and music majors or minors needing remedial work before enrolling in MUS 171. Study of basic notation, rhythm, intervals, scales and chords, sight-singing, and ear-training. EL.

MUS 132 Theory Fundamentals. 2 cr. Continuation of MUS 131. With further study of basic fundamentals plus introduction to chord structure and part-writing, sight-singing, and ear-training. Prereq: MUS 131 or cons. instr. EL.

MUS 136 Percussion Techniques. 2 cr. Trombone, banjo, and tuba. EL.

MUS 145 Percussion Techniques. 2 cr. EL.

MUS 147 String Techniques. 2 cr. Guitar. EL.

MUS 148 String Techniques. 2 cr. Violin and viola. EL.

MUS 154 String Techniques. 2 cr. Cello and string bass. EL.

MUS 160 Percussion Techniques. 2 cr. EL.

MUS 170 Fundamentals of Music. 3 cr. This course is designed to acquaint the student with the fundamentals of music through experiences with the keyboard, rhythm instruments, singing, listening, note reading, and so forth. Required for elementary education majors and open to the general student. Not accepted as part of a music major or minor. EL.

MUS 171 Music Theory I. 4-5 cr. A detailed study of the development of Western music through the study and analysis of structural techniques and basic compositional skills used in functional harmony. Includes sight-singing, ear-training, and keyboard experiences. Open to all students with consent of instructor. Required of students planning a music major or minor. EL.

MUS 172 Music Theory II. 4-5 cr. Continuation of MUS 171. Prereq: Music 171. EL.

MUS 173 Music Literature and Appreciation. 3 cr. A guide to the understanding of music through listening experiences in the various styles and historical periods. HFA/FA/ SQ/SQ/173.

MUS 174 Music Literature and Appreciation. 3 cr. A guide to the understanding of music through listening experiences in the various musical styles and historical periods. Although a continuation of MUS 173, MUS 174 is not a prerequisite for admission to this course. HFA/FA/ SQ/SQ/173.

MUS 271 Music Theory II. 4-5 cr. A continuation of MUS 172 with an introduction to non-functional harmony and counterpoint. A continuation of sight-singing, ear-training, and keyboard work. Prereq: MUS 172. EL.

MUS 272 Music Theory III. 4-5 cr. A continuation of MUS 271. Prereq: MUS 271. EL.

MUS 273 Jazz History and Appreciation. 2-3 cr. An introduction to the styles and forms of jazz through a study of its history, literature, cultural influences, and musical structure. Includes recorded listening experiences. HFA/FA/FA/CC/ES.

MUS 275 History of Western Music I. 3 cr. A survey of the historical development of musical style and theoretical concepts from ancient Greece to 1750. Required of students planning a music major. Prereq: MUS 172 or cons. instr. HFA/FA/FA/PT/SC/175.

MUS 276 History of Western Music II. 3 cr. A continuation of MUS 275 from 1750 to the present. Required of students planning a music major. Prereq: MUS 172 or cons. instr. HFA/FA/FA/PT/SC/175.

MUS 280 Conducting. 2 cr. Conducting techniques; emphasis on practical application to vocal and instrumental groups. EL.

MUS 291 Conducting. 2 cr. A continuation of MUS 280. EL.

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 Study. 0-3 cr. Readings, papers, reports, or projects to be determined by the instructor. Prereq: cons. instr. *

MUS 299 Independent Study. 0-3 cr. Recitals, musicals, opera, theater, opera-workshops. *
**MUSIC APPLIED CHART**

All courses are considered electives.

(All applied music courses carry the prefix MUA)

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<td>HARPSICHORD</td>
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<td>271 272</td>
<td>371 372</td>
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*All Beginning and Elementary Applied Piano may be taught as a class or as private lessons.
NATURAL RESOURCES

NAT 170 Introduction to Natural Resources. 1 cr. Introduction to natural resources with emphasis on their integrated management and their role in humans' social and economic welfare. Lecture. EL.

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. HFA/PT.

PHI 102 Introduction to Social and Political Philosophy. 3 cr. Studies of differing philosophical views about human-kind and its political and social life. HFA/PT.

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. HFA.

PHI 106 Introduction to 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. HFA.

PHI 201 Introduction to 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. HFA/CC.

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. HFA/CC.

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. CC/ES/HFA/HP.

PHI 210 Thinking Critically. 3 cr. Argument in familiar contexts; emphasis on improving the student's skills in making and evaluating arguments. EL.

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. NMS/MS.

PHI 220 Introduction to the 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. HFA.

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. HFA/PT.

PHI 230 The Biological Revolution: Directing our Destiny. 3 cr. (Same as INT 230 and BIO 230.) Combines significant elements from biology, philosophy, and psychology. This course involves a multidisciplinary exploration of the ethical and practical implications of current developments and applications in the areas of molecular genetics, reproductive biology, and sociobiology. IST.

PHI 231 Feminism, Equality, and Public Policy. 3 cr. (Same as WOM 231, POL 231, and INT 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. IST/CC.

PHI 232 Nature and Culture: The Eighteenth Century. 3 cr. (Same as INT 210.) This course involves participants from several disciplines, representing the humanities, social sciences, fine arts, and natural sciences. The course emphasizes philosophy, literature, art, science, and technology in the eighteenth century. IST/HP.

PHI 240 Introduction to 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. HFA.

PHI 241 Introductory Ethics. 3 cr. Nature of moral problems and ethical theory, varieties of moral skepticism, practical ethics, and the evaluation of social institutions. HFA/PT.

PHI 243 Business Ethics. 3 cr. Critical discussion of ethical reasoning and moral values in business and industry; includes relevant case studies and readings. HFA.

PHI 244 Environmental Ethics. 3 cr. Philosophical examination of both traditional and recent concepts and values which structure human attitudes towards the natural environment. HFA.

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. HFA/PT.

PHI 253 Philosophy of the Arts. 3 cr. Examination of production, appreciation, and criticism of works of art; sources and uses of standards. HFA.

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. HFA/PT.

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

Basic physical education open to all students; the courses develop skills, teach rules, and prepare students for instructional enjoyment.

One credit courses: All courses are elective.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>PED 101</td>
<td>Archery</td>
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<td>PED 102</td>
<td>Badminton</td>
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<td>PED 103</td>
<td>Basketball</td>
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<td>PED 106</td>
<td>Beginning Bowling</td>
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<td>PED 107</td>
<td>Intermediate Bowling</td>
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<td>PED 108</td>
<td>Canoeing</td>
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<td>PED 109</td>
<td>Beginning Golf</td>
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<td>PED 110</td>
<td>Intermediate Golf</td>
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<td>PED 112</td>
<td>Handball &amp; Paddleball</td>
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<td>PED 114</td>
<td>Softball</td>
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<td>PED 116</td>
<td>Beginning Tennis</td>
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<td>PED 117</td>
<td>Intermediate Tennis</td>
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<td>PED 118</td>
<td>Volleyball</td>
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<td>PED 119</td>
<td>Weight Training</td>
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<td>Flag Football</td>
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<td>PED 122</td>
<td>Advanced Volleyball</td>
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<td>PED 124</td>
<td>Aerobic Dance</td>
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<td>PED 125</td>
<td>Ballet</td>
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<td>PED 126</td>
<td>Bicycling</td>
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<td>PED 127</td>
<td>Introduction to Conditioning</td>
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<td>PED 128</td>
<td>Advanced Conditioning</td>
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<td>PED 129</td>
<td>Modern Dance</td>
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<td>PED 130</td>
<td>Folk &amp; Square Dance</td>
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<td>PED 131</td>
<td>Social Dance</td>
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<td>PED 132</td>
<td>Beginning Fencing</td>
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<td>PED 133</td>
<td>Intermediate Fencing</td>
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<td>PED 134</td>
<td>Apparatus Gymnastics</td>
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<td>PED 137</td>
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<td>PED 138</td>
<td>Roller Skating</td>
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<td>Ice Hockey</td>
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<td>PED 140</td>
<td>Ice Skating</td>
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<td>PED 141</td>
<td>Beginning Skiing</td>
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<td>PED 142</td>
<td>Intermediate Skiing</td>
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<td>PED 143</td>
<td>Cross Country Skiing</td>
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<td>PED 144</td>
<td>Tumbling and Trampoline</td>
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<td>PED 146</td>
<td>Yoga-Relaxation</td>
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<td>PED 147</td>
<td>Backpacking</td>
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<td>PED 148</td>
<td>Orienteering</td>
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<td>PED 149</td>
<td>Beginning Swimming</td>
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<td>PED 150</td>
<td>Intermediate Swimming</td>
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<td>PED 151</td>
<td>Life Guard Training</td>
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<td>PED 152</td>
<td>Water Safety Instructor</td>
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<td>(Prerequisites: PED 058)</td>
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<td>PED 153</td>
<td>scuba diving</td>
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<td>PED 154</td>
<td>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.</td>
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PED 130-135. 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.

130 Officiating Baseball/Softball
131 Officiating Volleyball
132 Officiating Basketball
133 Officiating Football
134 Officiating Soccer
135 Officiating Gymnastics

Professional Physical Education Courses for Majors & Minors

PED 201 Gymnastic Apparatus. 2 cr. Skill development, safety, spotting techniques, and teaching progressions on gymnastic apparatus for students majoring in physical education and related fields. EL.

PED 202 Body Mechanics. 2 cr. Components of exercise structure: use of various pieces of equipment and apparatus in exercise; mechanics of movement and its application. EL.

PED 203 Introduction to Play and Recreation. 2 cr. Emphasizes design, leadership, programs, and the administration of parks and playgrounds. EL.

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. Diagnosis, rehabilitation, and the relationship of an athletic trainer to athletes, coaches, and administrators. EL.

PED 206 Personal Health. 3 cr. Survey of the various aspects of health which affect both the individual and the community. Topics include drugs, smoking, alcohol, venereal disease, mental health, and others. EL.

PED 207 Basketball Theory and Coaching. 2 cr. Theory and methods of teaching and coaching basketball. Skill analysis, practice scheduling, rules, and fundamentals of individual and team play are covered. EL.

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. EL.

PED 211 Physical Education for Elementary Schools. 2-3 cr. Thorough examination of elementary school curricula through field observation, teaching, and participation in activities. Emphasis is placed on planning curriculum for primary and elementary grades are developed through selective readings and discussions. EL.

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. EL.

PED 213 First Aid and Emergency Medical Care. 2-3 cr. (Same as MLS 213.) Principles and procedures in emergency and home medical care designed to prepare the layperson for emergencies likely to be encountered in daily living. CPR certification is not awarded in PED 213. EL.

PED 214 Individual and Dual Sports. 2 cr. Theory and practice in golf, tennis, and badminton. Emphasis on skill analysis and teaching technique. EL.

PED 216 Outdoor Education. 2 cr. An overview of the philosophy, resources, skills, methods, and activities associated with the natural environment as a laboratory for the achievement of selected objectives of education. The emphasis is on participation and leadership situations in the outdoors. EL.

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 structures and membership and group pressure, socialization, stratification, and deviance as they apply to the sport setting. Selected topics include sport in educational institutions, minorities and women in sport, sport as work and play, and sport and the media. EL.

PED 219 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 local 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. NMS/NS/[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. NMS/NS/[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. NMS/NS/[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: demonstrated competency at MAT 105 level or concurrent registration in MAT 105. NMS/NS/LS/SQ(142).

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. NMS/NS/LS/SQ(141).

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. NMS/NS/LS/SQ(202).

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. NMS/NS/LS/SQ(202).

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. NMS/NS.

PHY 211 General Physics. 4 cr. The study of mechanics, heat, and thermodynamics. Recommended for physical science and engineering majors. Three hours of lecture and three hours of laboratory per week or equivalent. Prereq: concurrent registration in MAT 221. NMS/NS/LS/SQ(211 or 213).

PHY 212 General Physics. 4 cr. A continuation of Physics 211. Periodic motion, waves, electricity, and magnetism. Three hours of lecture and three hours of laboratory per week or equivalent. Prereq: PHY 211 and concurrent registration in MAT 222. NMS/NS/LS/SQ(211 or 213).

PHY 213 General Physics. 4 cr. A continuation of Physics 212. Electromagnetic waves and atomic and nuclear physics. Three hours lecture and three hours of laboratory per week or equivalent. Prereq: PHY 212. NMS/NS/LS/SQ(212).

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

PHS 170 Human Anatomy and Physiology. 3 cr. (Same as ZOO 170.) This is a basic course which introduces the nontiology 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, demonstration, and lab. NMS/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 and lab. NMS/NS/LS/SQ(203).

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 and lab. Prereq: Physiology 202. NMS/NS/LS/SQ(202).

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, discussion, and lab. Prereq: ZOO 101 or equivalent; introductory chemistry recommended. NMS/NS/LS/SQ(ZOO 101).
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, discussion, and lab. Prereq: introductory courses in CHE and BIO or cons. instr. NMS/NS/LS/SQ(ZOO 234).

POLITICAL SCIENCE

POL 101 Introduction to Politics. 3 cr. A general introduction to political science, including basic concepts such as power, authority, legitimacy; types of political systems and approaches to the study of politics; problems common to all political systems. 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/ SQ(225).

POL 106 Comparative Politics of Major Nations. 3 cr. Analysis of the political systems of select major nations of the world, stressing comparison of cultures, institutions, processes, and methods of comparative analysis. SS/CC.

POL 199 Current Issues in Politics. 1-2 cr. Examination of controversial and timely issues. *

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/HP/PT.

POL 204 National, State, and Local Government. 3 cr. This course provides an introductory overview of United States national, state, and local governments through comparison and analysis of such topics as federalism, separation powers, participation, and policies. Prereq: second semester freshman or cons. instr. SS.

POL 206 Politics of Developing Areas. 3 cr. A critical examination of developmental concepts and socio-economic and political problems of the Third World. Problems in development of new institutions. Elites and ideologies affecting stability, continuity, and revolution. SS/CC.

POL 219 Public Policy. 3 cr. Major issues of public policy in fields such as economic management, welfare, health, education, energy, environment, agriculture, etc. How public problems develop, approaches to policy making, why programs succeed and fail. Students can repeat the course with different content. SS.

POL 220 Politics of Crime and Punishment. 3 cr. An introduction to public policy as it affects public order: crime, criminals, police behavior, the criminal courts, juvenile justice, and prisons. This course includes an analysis and evaluation of existing reform proposals. SS.

POL 221 Juvenile Criminal Justice in Wisconsin. 3 cr. Survey of Wisconsin institutions which deal with youthful offenders; processes employed in disposal of cases; police and social welfare agencies; juvenile courts; constitutional law cases defining rights of the accused. Prereq: cons. instr. SS.

POL 225 State and Local Government. 3 cr. Organization, structure, and function of state and local governments with emphasis on Wisconsin. Prereq: POL 104 or cons. instr. SS/ SQ(104).

POL 231 Feminism, Equality, and Public Policy. 3 cr. (Same as PHI 231, INT 231, and WOM 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. IST/CC.

POL 275 International Politics. 3 cr. Analysis of cooperative and conflictual interactions of nation-states and the international system over time; contemporary political, economic, and military issues in the world. SS/HP/CC.

POL 298 Special Topics. 3-4 cr. An umbrella course to be used for topics which would be appropriate for freshmen and sophomores. (The topic and number of credits will be footnoted whenever the course number is to be used.) This course can be repeated by students, but not with the same content. Prereq: previous course in political science or cons. instr. *

POL 299 Independent Reading. 1-3 cr. Extensive reading for the purpose of surveying the literature in a particular subject, possibly including a research project, under the personal supervision of the instructor. Subject open; to be determined by the student and instructor. Students may be encouraged to use off-campus library resources when available. 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/HP.

POL 352 Role of Government in the Economy. 3 cr. Examination of interaction of government and the economy; governmental activities affecting business such as policies of anti-trust, control of competitive practices, regulations, public expenditures, subsidies, transfer payments, and public enterprise. Prereq: previous course in political science or economics or cons. instr. SS/HP.

POL 385 Politics of American Foreign Policy. 3 cr. An examination of U.S. foreign policies since 1945 with emphasis on the motives, the objectives, the methods, the policy-making process, and the interaction between domestic and foreign policy. Prereq: previous course in political science or cons. instr. SS/HP.

PSYCHOLOGY

PSY 201 Introductory Psychology. 4 cr. Survey of major content areas in psychology. Introductory topics such as research methodology, learning and memory, physiological psychology, sensation and perception, motivation and emotion, development, personality, psychopathology, and social psychology. Advanced freshman standing recommended. Students may not receive credit for both PSY 201 and PSY 202. SS/SQ(250)/SQ(360).

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/SQ(250)/SQ(360).
PSY 203 Individuals and Institutions: Concepts/Experience I. 3 cr. Lecture/discussion presentation of concepts of human behavior will be related to concurrent experiences in community agencies—e.g., schools, social service departments, and hospitals. Agency placements involve a minimum commitment of five 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. SS.

PSY 205 Dynamics of Individual Behavior. 3 cr. Models of functioning in normal individuals, strategies of adjustment to crisis situations, motivation, identity, frustration, and conflict, including an overview of concepts of personality and psychopathology. Prereq: PSY 201 or PSY 202 (grade of C- or better or cons. instr.). SS.

PSY 208 Female and Male: Psychology of Gender. 3 cr. (Same as WOM 208.) The process and consequences of gender role development; review of current gender research and theory in the context of cultural, psychological, biological, historical, and cross-cultural perspectives. The course focuses on feminine and male experience in this culture as it relates to issues such as cognition, value systems, achievement, interpersonal relationships, aggression, and sexuality. Prereq: PSY 201 or PSY 202 (grade of C- or better or cons. instr.) SS/C/C.

PSY 210 Psychological Statistics. 3 cr. An introduction to descriptive and inferential statistics. Topics include measures of central tendency, measures of variability, correlation and regression, sampling distributions, nonparametric and parametric hypothesis testing procedures for means, and analysis of variance. Prereq: PSY 201 or PSY 202 or concurrent registration and introductory college algebra or exemption. MNS/MS/SC (220).

PSY 214 A Conceptual Introduction to Statistics. 1 cr. This course is designed specifically as 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 and PSY 202 (grade of C- or better or cons. instr.) and concurrent registration in PSY 225.

PSY 225 Experimental Psychology. 3 cr. Emphasis on research techniques and methodology: collection, analysis, and reporting of psychological data. Lecture and laboratory. Prereq: PSY 210, equivalent statistics course, or cons. instr. SS/SC (210).

PSY 229 Directed Study in Psychology. 1-3 cr. Extensive reading for the purpose of surveying the literature in a particular subject, possibly including a research project, under the personal supervision of the instructor. Prereq: PSY 201 or PSY 202 (grade of C- or better) and cons. instr.

PSY 297 Psychology of Personality. 3 cr. Discussion of major theories and research in personality. Topics typically covered include psychoanalytic, dispositional, behavioral, cognitive, and humanistic perspectives. Prereq: PSY 201 or PSY 202 (grade of C- or better or cons. instr.). SS.

PSY 230 Abnormal Psychology. 3 cr. A survey of contemporary theory and research on diagnostic categories, approaches to treatment, and understanding of abnormal behavior. Prereq: PSY 201 or PSY 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 PSY 202 (grade of C- or better) or cons. instr.

PSY 312 Social Psychology. 3 cr. Examination of theory and research in areas such as social cognition, attitude formation and change, attribution theory, attraction, group processes, conformity and compliance, aggression, and pro-social behavior. Prereq: PSY 201 or PSY 202 (grade of C- or better or cons. instr.) SS/C/C.

PSY 295 Developmental Psychology: The Life Span. 3 cr. A survey of human development theories and research focusing on the biological, cognitive, emotional, and social development of the individual through all stages of the life span from the prenatal period through old age. Students may not receive credit for both PSY 250 and PSY 360 or PSY 361 or PSY 362. Prereq: PSY 201 or PSY 202 (grade of C- or better or cons. instr.) SS/SC (250/210).

PSY 264 Physiological Psychology. 3 cr. Discussion of the physiological substrates of movement, attention, emotion, motivation, learning, thinking, and language, including an examination of research techniques using neural lesions, electrical and chemical stimulation. Some background in biology is strongly recommended. Prereq: PSY 201 or PSY 202 (grade of C- or better or cons. instr.) MNS/18.
PSY 360 Developmental Psychology: The Child. 3 cr. An examination of development from conception through adolescence. Topics include specific influences, models of acquisition of learned behavior, and motor, perceptual, cognitive, language, emotional, and social development. Students may not receive credit for both PSY 360 and PSY 320. Prereq: PSY 201 or PSY 202 (grade of C- or better or cons. instr.). SS/SQ(201 or 202, 360).

PSY 361 Developmental Psychology: Adolescence. 3 cr. Topics include physical development; the problems of adjustment which accompany and follow the physiological changes during puberty; intellectual, emotional, and social behavior. Students may not receive credit for both PSY 361 and PSY 250. Prereq: PSY 201 or PSY 202 (grade of C- or better or cons. instr.). SS.

PSY 362 Developmental Psychology: Adulthood. 3 cr. Topics include physical, intellectual, personal, and interpersonal development, with emphasis on attitudinal responses to life challenges such as career choice, marriage, parenthood, aging, and dying. Students may not receive credit for both PSY 362 and PSY 250. Prereq: PSY 201 or PSY 202 (grade of C- or better or cons. instr.). SS/SQ(360).

SOCIOLGY

SOC 101 Introduction to Sociology. 3 cr. Introduction to the basic concepts, theories, and methods of sociology, emphasizing the social significance of the self and culture, social processes and organization, and social change. SS/SQ (AMT 200).

SOC 120 Marriage and Family. 3 cr. Social science contributions to understanding processes of creating, maintaining, and dissolving intimate relationships. SS.

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 world of social relations among countries. SS/CC.

SOC 130 Contemporary Social Problems. 3 cr. Sociological analysis of selected issues and problems in society, with focus on personal and social causes, dimensions, consequences, and solutions. SS.

SOC 131 Crime and Criminal Justice. 3 cr. Introduction to the day-to-day functioning of the criminal justice system in the United States. The police, lawyers, courts, and correctional personnel. Explores the nature of crime and reviews ideas about definitions, causes, and solutions. SS.

SOC 134 American Minority Groups. 3 cr. The experience of American racial, religious, ethnic, and nationality groups, and the nature of intergroup relations in the United States. SS/HR/CC/FS.

SOC 138 Sociological Perspectives on Gender Roles. 3 cr. Same as WCM 133.) A sociological examination of roles assigned to women and men in society, including their 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/HR/CC.

SOC 150 Sociology of Human Sexuality. 3 cr. Social psychological, and sociological aspects of sexual relationships and behavior, including the social psychology of physiological and emotional arousal, and action, attraction, and societal regulation of intimate relationships. Concepts and findings in these areas are related to empirical data on sexual behavior, particularly in American society. SS.

SOC 170 Introduction to World Population. 3 cr. Determinants and consequences of population size and growth. Changes levels of birth rates and death rates and their future social and economic implications. Fertility regulation and population policies in countries at various stages of development. SS/HPC.

SOC 200 People, Organizations, and Society. 3 cr. Role of organizations, including business, governmental, and educational, 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 211 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. Prereq: sophomore standing and one course in sociology or cons. instr.

SOC 250 Proseminar in Sociology. 1-3 cr. A specific topic in an instructor's area of special competence. When offered:
the particular topic indicated in the campus timetable.
Prereq: sophomore standing, an introductory sociology or
anthropology course, one additional course in sociology,
and cons. instr. *

SOC 299 Independent Reading in Sociology. 1-3 cr.
Prereq: sophomore standing and cons. instr. *

SOC 335 Introductory Social Psychology. 3 cr. Introduc-
tion to the general area of social psychology, covering topics
such as motivation, attitude, value, communications, leadership,
etc. Prereq: sophomore standing and either SOC 101,
ANT 100, PSY 201 or 202, or cons. instr. SS.

SOC 357 Methods of Sociological Inquiry. 3 cr. Scientific
methods and their application in the analysis of society, pro-
cedures in testing sociological theory, problem definition,
hypothesis construction, and collection and evaluation of
data. Prereq: sophomore standing and an introductory soci-
ology course or cons. instr. SS.

SPANISH

The first four semesters of Spanish may be offered as two
modules, Part I and Part II, carrying two credits each. Part I
is a prerequisite for Part II. It is expected that students will
complete both modules. If only Part I is completed, elective
credit will be granted. The student should consult with the
transfer institution regarding the acceptance of single mod-
ule credit.

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 Ameri-
ca. Field trip may be required. EL.

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. Em-
phasis on reading, writing, listening, and speaking in Span-
ish. 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.) EL.

SPA 104 First Semester-Part II. 2 cr. Continuation of SPA
103 and second module of a two-part introductory se-
quence. Field trip may be required. Prereq: SPA 103 or cons.
instr. (This course in combination with SPA 103 is
 equivalent to SPA 101.) EL.

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. EL.

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 106 is equivalent to SPA 105.) EL.

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.) EL.

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. EL.

SPA 119 Practical Spoken Spanish. 1-2 cr. Continuation
of SPA 118. Not part of the sequence of required foreign
language courses. Prereq: SPA 118 or cons. instr. EL.

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 contin-
ued emphasis is placed on acquisition of cultural knowl-
edge. Field trip may be required. Prereq: SPA 105 or SPA
107 or cons. instr. EL.

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 combi-
nation with SPA 204 is equivalent to SPA 201.) EL.

SPA 204 Third Semester-Part II. 2 cr. Continuation of SPA
203 and second module of a two-part third-semester se-
quence. Field trip may be required. Prereq: SPA 203 or
cons. instr. (This course in combination with SPA 203 is
equivalent to SPA 201.) EL.

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. HFA/PT.

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 prac-
tice, 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.) HFA/PT.

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.) HFA/PT.

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. EL.

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. EL.

SPA 219 Spanish for Business. 3 cr. Designed to acqun
the student with the vocabulary and practices of the busi-
ness 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. EL.
SPA 222 Introductory Survey of Peninsular Literature, Eighteenth to Twentieth Centuries. 3 cr. 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. HFA/PT/ SQ(222).

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. HFA/PT/ SQ(225).

SPA 233 Spanish Culture and Civilization. 1-3 cr. Lectures and readings in English on the art, music, architecture, politics, economics, and history of Spain from the Roman Empire to the present. No knowledge of Spanish required. (Foreign language credit. HFA.

SPA 236 The Culture and Civilization of Latin America. 1-3 cr. 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. HFA.

SPA 237 Chicano Literature. 3 cr. Lectures and readings in English of novels, plays, and poetry written by Chicano authors. Focus 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. HFA/CS/ES/PT.

SPA 257 Special Topics in Literature. 2-3 cr. Treats various topics of Spanish or Latin-American literature to be specified by instructor in campus timetable. Lectures in literary history and criticism, exercises in interpretation, compositions, oral presentations, and class discussions in English. No knowledge of Spanish necessary. No foreign language credit. HFA/PT.

SPA 291 Selected Topics in Spanish. 2-8 cr. Cultural, literary, or linguistic themes as specified in campus timetable. Prereq: SPA 205 or SPA 207 or cons. instr.*

SPA 293 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.

WILDLIFE

WIL 140 Introduction to Wildlife Resources. 3 cr. (Same as ZOC 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 field trips. Prereq: introductory BIO course. HFA/ENV/LS.

WOMEN'S STUDIES

WOM 101 An Introduction to Women's Studies. 3 cr. (Same as INT 101.) An introduction to the major problems addressed by women's studies with an emphasis on the theoretical and methodological issues involved in gaining accurate knowledge about women. Literary, philosophical, historical, and social science perspectives are used to understand the experiences of women and the cultural construction of gender. HFA/CC.

WOM 138 Sociological Perspectives on Gender Roles. 3 cr. (Same as SOC 138.) A sociological examination of role 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. HFA/CC.

WOM 205 Feminist Philosophy. 3 cr. (Same as PHI 205.) An introduction to feminist philosophy through a study and critique of traditional and feminist views about women, their status, society, and knowledge, with particular attention to the scope of women's oppression. Prereq: three credits in philosophy recommended but not required. HFA/CC.
WOM 206 Female and Male: Psychology of Gender. 3 cr. (Same as PSY 208.) The process and consequences of gender role 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 in this culture as it relates to issues such as cognition, value systems, achievement, interpersonal relationships, aggression, and sexuality. Prereq: PSY 201 or PSY 202 (grade of C- or better) and/or cons. instr. SS/CC.

WOM 231 Feminism, Equality, and Public Policy. 3 cr. (Same as PHI 231, POL 231, and INT 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. IST/CC.

WOM 250 Woman 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/HP/CC.

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

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, demonstrations, and laboratory. Prereq: introductory biology 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, demonstration, and lab. NMS/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, demonstrations, and lab. 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. NMS/NS/LS/PS/SQ/PHS 235.

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 field trips. Prereq: introductory BIO course. NMS/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 field trips. Prereq: introductory BIO course. NMS/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 field trips. Prereq: introductory BIO course. NMS/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. NMS/NS/LS.

ZOO 350 Field Zoology. 3 cr. Designed to acquaint the student with the local fauna, emphasizing taxonomy. Field trips introduce the student to the methods of collecting local fauna providing the basis for the preparation and the identification of the specimens. Can be used by teachers or liberal arts students as a background course for advanced courses such as vertebrate ecology, fishery biology, wildlife management, entomology, forestry, and agriculture. Lab and field trips. Prereq: introductory BIO course. EL.
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 VTAE institution.

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.

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.

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 105 Basic Math. 1-3 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.

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 Centers.

Mathematics

MAT 081 Topics in Geometry. 1-3 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. Course does not carry degree credit.

MAT 085 Topics in Geometry. 2-3 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 VTAE institution.

MAT 087 Topics in Geometry. 2-3 non-degree credits. 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 by the campus TRIO/minority/disadvantaged program.

MAT 091 Elementary Algebra. 1-3 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. Course does not carry degree credit.

MAT 092 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 MAT 095. This course is offered through a contractual arrangement with the local VTAE institution.

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 MAT 097. This course is offered by the campus TRIO/minority/disadvantaged program.

MAT 095 Elementary Algebra. 2-3 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 VTAE institution.

MAT 097 Elementary Algebra. 2-3 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 by the campus TRIO/minority/disadvantaged program.
UW Centers Campuses

- Baraboo/Sauk County
- Barron County
- Fond du Lac
- Fox Valley
- Manitowoc County
- Marathon County
- Marinette County
- Marshfield/Wood County
- Richland
- Rock County
- Sheboygan County
- Washington County
- Waukesha County
University of Wisconsin Center

Baraboo/Sauk County

Location
The University of Wisconsin Center-Baraboo/Sauk County campus is located on 68 scenic hillsides acres on the northwest side of Baraboo.

Student body
In fall 1992, 613 students were enrolled, 65 percent of whom were ages 17-24 and 35 percent of whom were age 25 and older. The majority of students are commuters from Sauk, Columbia, Dane, Juneau, and Adams counties but an increasing number become Baraboo residents for the academic year.

Facilities
Three buildings make up the campus physical plant: The Administration/Classroom Building houses classroom, administration and faculty offices, computer and natural science laboratories, art studios, and greenhouses. The Student Center is the site of student recreational facilities, student government offices, Student Services, bookstore, cafeteria, theater, and music rooms. The Library-Learning Resources Center contains a 34,000-volume library that also is linked via computer to a statewide network of university and college libraries, quiet study areas, and additional classroom and faculty office space. Basketball and tennis courts, fitness and cross country ski trails, and softball and soccer fields provide outdoor recreational opportunities.

Special programs

Academic: In addition to the freshman/sophomore liberal arts and pre-professional academic programs, the campus offers adjunct course work for the associate degree/nursing program, associate degree program at the Federal Corrections Institution at Oxford, and graduate credit courses in education in cooperation with UW-La Crosse.

Scholarships: Friends of the Campus, Inc. Scholarship Program.

Extracurricular: Intramural and/or varsity competition in cross country, tennis, softball, volleyball, bowling. Campus Singers, Jazz Band, Student Association, Outdoor Club, Circle K Club, Photography Club, The Gauntlet student newspaper, and drama productions.

Community interest programs: Wide range of Continuing Education courses, Elderhostel, College for Kids, Campus-Community Theater Program, Civic Chorus, Community Band, Brass Ensemble, Duplicate Bridge Club, Baraboo Chess Club, and Baraboo Area Stamp Club.
UWC-Baraboo/Sauk County
Administration and support services

Umhoefer, Aural M. (1965)
Campus Dean
Director, Oxford College Program
B.A., Rosary College
M.L.S., University of Wisconsin-Madison

Bredeson, Jim (1989)
Director, Library Learning Resources Center
J.B.A., University of Wisconsin-Madison
M.L.S., University of Wisconsin-Madison

Colby, Marjorie (1990)
Developmental Skills Specialist, Oxford College Program
B.S., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison

Corwith, Jill (1990)
Associate Student Services Specialist
B.S., University of Wisconsin-La Crosse

Davidson, Robert J. (1982)
Director, Student Services, Oxford College Program
B.A., Milton College
M.A., California Polytechnic State University
Ph.D., University of Wisconsin-Madison

Flesch, David J. (1980)
Senior Developmental Skills Specialist, Oxford College Program
B.S., University of Wisconsin-La Crosse
M.S., University of Wisconsin-La Crosse

Student Services Specialist
B.S., University of Wisconsin-Madison
M.A., University of Wisconsin-Madison

Geyer, Sidna (1990)
Outreach Program Manager II, Continuing Education
B.S., Ball State University
M.S., University of Wisconsin-Oshkosh
Ed.D., University of Wisconsin-Stout

Grant, Mary S. (1983)
Administrative Program Manager I, Public Information
B.S., De Paul University
M.S., Marquette University

Hart, Harlan A. (1990)
Academic Advisor, Oxford College Program
B.S., Southwest Missouri State University
M.S., University of Wisconsin-Stout

Martin, Thomas (1989)
Director, Student Services
B.A., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison

Raught, Linda (1968)
Business Manager

Schell, Mary A. (1987)
Developmental Skills Specialist, Oxford College Program
B.S., University of Minnesota
B.T., Mankato State University

Vladick, Mark (1972)
Administrative Program Manager II,
Instructional Media Services
B.S., University of Wisconsin-Madison

Whitney, M. Jane (1990)
Administrative Specialist, Oxford College Program
B.A., Grinnell University

Wight, Doris (1973)
Developmental Skills Specialist, Oxford College Program
B.S., University of Wisconsin-Madison
M.A., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Madison

Faculty and lecturers

Bechtel, Donald L. (1966)
Associate Professor, History
B.S., University of Wisconsin-La Crosse
M.A., University of South Dakota
M.A., University of Wisconsin-La Crosse
Ed.D., University of South Dakota

Colot, David W. (1965)
Professor, English
B.A., Oberlin College
M.A., Syracuse University
Ph.D., University of Wisconsin-Madison

Donner, Robert M. (1969)
Associate Professor, Computer Science/Physics
B.S., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison

Associate Professor, English
B.A., University of Florida
M.A., University of South Florida
Ph.D., University of South Florida

Duckworth, Bruce E. (1977)
Associate Professor, Business
B.S., Colorado State University
M.B.A., University of Minnesota

Dwyer, Helene (1982)
Associate Professor, Philosophy
B.A., College of White Plains
M.A., Fordham University
Ph.D., Fordham University

Eddy, Jennifer J. (1965)
Associate Professor, Chemistry
B.A., Bemidji State University
B.S., Bemidji State University
M.S., Bemidji State University

Etzwiler, David J. (1977)
Assistant Professor, Mathematics/Computer Science
B.A., Saint Joseph's College
M.A., University of Wisconsin-Madison

Floody, Dale R. (1978)
Associate Professor, Psychology
B.A., Saint John's University (Minnesota)
Ph.D., Rutgers State University
Grant, Kenneth B. (1978)  
Associate Professor, English  
B.A., De Paul University  
M.A., Marquette University  
Ph.D., University of Wisconsin-Madison  

Haney, Emil B. (1979)  
Professor, Economics  
B.S., The Ohio State University  
M.S., University of Wisconsin-Madison  
Ph.D., University of Wisconsin-Madison  

Professor, Sociology  
B.S., The Ohio State University  
M.S., University of Wisconsin-Madison  
Ph.D., University of Wisconsin-Madison  

Irwin, Harriet A. (1985)  
Associate Lecturer, Biological Sciences  
B.S., University of Wisconsin-Madison  
M.S., University of Wisconsin-Madison  

Kiesel, Diann S. (1981)  
Assistant Professor, Geology/Geography  
B.S., Bowling Green State University  
M.A., Bowling Green State University  

Laufenberg, Wayne (1988)  
Associate Lecturer, Political Science  
B.S., University of Wisconsin-Oshkosh  
M.S., University of Wisconsin-Madison  

Morgan, Steven G. (1982)  
Senior Lecturer, Music  
B.A., University of Redlands  
M.S., University of Wisconsin-Madison  
Ph.D., University of Wisconsin-Madison  

Phelps, Janet W. (1969)  
Associate Professor, Biological Sciences  
B.A., Antioch College  
M.A., University of Wisconsin-Madison  
Ph.D., University of Wisconsin-Madison  

Phelps, Laurence M. (1972)  
Associate Professor, Biological Sciences  
A.B., Carleton College  
M.A., University of Wisconsin-Madison  
Ph.D., University of Wisconsin-Madison  

Robkin, Eugene E. (1975)  
Assistant Professor, Mathematics  
B.S., California Institute of Technology  
M.A., University of California-Los Angeles  
Ph.D., University of California-Los Angeles  

Rundio, Stephen J., III (1976)  
Associate Professor, Physical Education  
A.B., Guilford College  
M.Ed., University of North Carolina  
Ed.D., University of North Carolina  

Solomon, Isaac H. (1977)  
Associate Professor, Mathematics  
B.S., Rajasthan University, India  
M.S., Jodhpur University, India  
M.S., Marquette University  
Ph.D., University of Wisconsin-Milwaukee  

Stich, Gerald L. (1969)  
Professor, Music  
B.M., University of Wisconsin-Madison  
M.M., University of Wisconsin-Madison  

Waddell, Mark E. (1980)  
Associate Professor, Communication Arts  
B.S., University of Wisconsin-Madison  
M.A., University of Wisconsin-Madison  

Professor, Art  
B.A., Grinnell College  
M.F.A., Rochester Institute of Technology  

Wright, Madeleine F. (1969)  
Associate Professor, French  
Licence-es-Lettres, University of France  
M.A., University of Wisconsin-Madison  
Ph.D., University of Wisconsin-Madison
University of Wisconsin Center

Barron County

Location
The University of Wisconsin Center-Barron County is located on 135 acres of land south of the city of Rice Lake, which is 60 miles north of Eau Claire and 120 miles northeast of Minneapolis/St. Paul.

Student body
In fall 1993, 518 students were enrolled, 25 percent of whom were age 25 or older. Students at UWC-Barron come from all over northwest Wisconsin and beyond. Many come from towns such as Barron, Cumberland, Rice Lake, Spooner, and Chetek.

Facilities
The seven buildings on campus are nestled on partially wooded land along the winding Red Cedar River. The main facilities are Meggers Hall (administration), classrooms in Ritzinger Hall, a Fine Arts Building, Library, Gymnasium, Student Center, and the Physical Plant. Other educational and recreational facilities include the Observatory, Amphitheatre, exercise course, tennis courts, a three-hole golf course, baseball diamonds, and a soccer field.

Special programs
Academic: An evening Associate Degree Program, observatory sessions, educational trips, tutoring services, Humanities Day, Service/Learning projects, Career Development Center, and summer session.
Scholarships: A scholarship program sponsored by Barron County Campus Foundation.
Extracurricular: Intramural and varsity sports, newspaper, forensics, Student Government Association, Math-Science Club, Phi Theta Kappa national honors fraternity, French Club, International Club, Encore (for returning students), Delta Psi Omega drama fraternity.
Community Interest Programs: Continuing Education courses, Small Business Development Center (satellite office), summer Kids' Kollege and Theater for the Talented, Fine Arts programs sponsored by Barron County Campus Foundation, theater, Community University Band, Community University Choir, and art exhibits.

Mary H. Somers, Dean
Jennifer L. Blazdek, Student Services Director
Student Services Office
1800 College Drive
Rice Lake, WI 54868-2497
(715) 234-8024
UWC-Barron County
Administration and support services

Somers, Mary Hayes (1988)
Campus Dean
B.A., City University of New York Hunter College
M.A., City University of New York Hunter College
Ph.D., City University of New York Graduate School and University Center

Gladden, Jennifer L. (1992)
Director, Student Services
B.S., University of Arizona
M.S., University of Arizona

Healy, Jeane (1989)
Advisor, Student Services
B.S., University of Wisconsin-Madison
M.A., University of Wisconsin-Stout

Lang, Barbara A. (1979)
Administrative Program Manager I, Public Information Outreach Program Manager I, Continuing Education

Mofle, Susan E. (1983)
Developmental Skills Specialist
Associate Lecturer, English
B.A., Augustana College

Rogers, Michael D. (1988)
Business Manager
A.A., University of Wisconsin Center-Barron County
B.S., University of Wisconsin-River Falls

Wammer, Steven M. (1988)
Associate Student Services Specialist
B.A., Concordia College

Whipple, Caroline Becker (1989)
Director, Library
B.A., Southwestern College
M.A., Northwestern University
Ph.D., Draw University
M.L.S., Kent State University

Faculty and lecturers

Arntson, Wayne W. (1967)
Associate Professor, Chemistry
B.S., University of Wisconsin-Eau Claire
M.A., University of Northern Iowa
Ed.D., University of Northern Colorado

Clemens, Joann (1989)
Associate Lecturer, Mathematics
B.S., University of Wisconsin-Madison

Cooksey, Ben F. (1974)
Associate Professor, Biological Sciences
A.A., Northeastern Oklahoma A & M College
B.S., Pittsburgh State University (Kansas)
M.S., Pittsburgh State University (Kansas)
Ph.D., Kansas State University

Crisler, Dale F. (1966)
Associate Professor, Physics
B.S., University of Wisconsin-River Falls
M.S., Vanderbilt University
Ph.D., University of Wyoming

Grivna, Dennis (1969)
Associate Professor, Biological Sciences
B.S., University of Wisconsin-River Falls
M.S., University of Wisconsin-River Falls

Hasman, Robert H. (1972)
Associate Professor, English
B.S., University of Illinois at Urbana-Champaign
B.A., University of Illinois at Urbana-Champaign
M.A., University of Illinois at Urbana-Champaign

Hoeft, Mary E. (1971)
Associate Professor, French/Communication Arts
B.S., University of Wisconsin-Oshkosh
M.S.T., University of Wisconsin-Eau Claire

Koehler, Dennis P. (1991)
Assistant Professor, Business/Economics
B.S., University of Wisconsin-River Falls
B.S., University of Southern Colorado
M.B.A., University of Colorado at Colorado Springs

Assistant Professor, Geography
B.S., University of Minnesota-Twin Cities
M.A., University of Minnesota-Twin Cities

Mofle, Lawrence D. (1982)
Assistant Professor, Mathematics
B.S., Augustana College
M.A., University of South Dakota

Morrison, Dorothy (1991)
Lecturer, English
B.A., University of Utah
M.A., Brigham Young University
Ph.D., Brigham Young University

Assistant Professor, Sociology
B.A., University of Arkansas Main Campus (Fayetteville)
M.S., University of Missouri-Columbia

Pannier, James M. (1968)
Professor, Communication Arts
B.A., University of Wisconsin-Eau Claire
M.S., University of Wisconsin-Madison
Ed.D., Montana State University

Parker, Ronald F. (1969)
Associate Professor, Physical Education/Athletics
B.S., University of Wisconsin-La Crosse
M.S., Winona State University

Patraw, James (1972)
Associate Lecturer, Geology
B.S., South Dakota School of Mines and Technology
M.S., South Dakota School of Mines and Technology
Patrick, Sue C. (1990)
Assistant Professor, History
B.A., University of Texas at Austin
M.A., Texas Tech University
Ph.D., Indiana University

Ruedy, Donald H. (1969)
Associate Professor, Art
B.S., University of Wisconsin-River Falls
M.F.A., University of Wisconsin-Madison

Schilling, David H. (1969)
Associate Professor, Mathematics/Computer Science
B.S., University of Wisconsin-Stevens Point
M.A., San Diego State University

Schmid, Karl N. (1967)
Associate Professor, Mathematics/Computer Science
B.S., University of Wisconsin-River Falls
M.S., Syracuse University

Thompson, Edward G. (1968)
Associate Professor, Music
B.S., University of Wisconsin-River Falls
M.S.T., University of Wisconsin-Superior

Associate Professor, Psychology
B.S., University of North Dakota
Ph.D., University of Texas at Austin

Associate Lecturer, Communication Arts
A.A., University of Wisconsin Center-Barron County
B.A., University of Wisconsin-Whitewater
M.A., University of Wisconsin-Superior

Zimmerman, Ruth M. (1967)
Instructor, English
B.A., Gustavus Adolphus College
M.A., University of Florida
University of Wisconsin Center
Fond du Lac

Location
The University of Wisconsin Center-Fond du Lac is located on 163 acres on the northeast side of Fond du Lac north of East Johnson Street (Hwy. 23).

Student body
In fall 1992, 772 students were enrolled, 28 percent of whom were age 24 or older. Students attend on a full-time and part-time basis.

Facilities
The park-like campus is composed of six buildings that surround a two-acre lake. Facilities include classroom, science, and library-administration buildings; a student center; a physical education/music facility and a heating plant. Outdoor education, physical education, and recreation facilities include a botanical laboratory, softball diamonds, an all-weather quarter-mile track, and a soccer field. A prairie restoration project is in progress.

Special programs
Academic: Day and evening credit courses, visiting artist program, study skills workshops, and a college success course. The campus' Outcomes Curriculum strives to ensure that students develop basic competencies. The Postsecondary Re-Entry Education Program (PREP) offers associate degree programs at Kettle Moraine, Waupun, and Taycheedah Correctional Institutions. The UW Centers' Library Processing Center is also located on campus.

Scholarships: UW Center-Fond du Lac Foundation offers a large number of academic scholarships, fine arts talentships, new freshmen, and adult student scholarships. Local scholarships are also available.

Extracurricular: Phi Theta Kappa national community college honor society, Retiring Adult Association, Ambassador's Club, literary magazine, theater program, radio station, newspaper, band and vocal groups, student government, leadership conferences, intramural and varsity sports, personal and career seminars.

Community Interest programs: Continuing Education courses, lectures and symposiums, town meetings on timely issues, Community/University Day, regional Science Fair, College for Kids, LEAPS, High School Quiz Bowl, High School Literary Award, Fine Arts performances.

Bradley M. Gottfried, Dean
John Cofin, Student Services Director

Student Services Office
400 Campus Drive
Fond du Lac, WI 54935-2988
(414) 929-3606
**UWC-Fond du Lac**

**Administration and support services**

**Gottfried, Bradley M.** (1987)
Campus Dean
Director, PREP
B.A., Western Illinois University
M.A., Washington University

**Abbott, Daniel** (1983)
Director, Student Services, PREP
B.S., Washington University
M.A., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Madison

**Clausen, Thomas H.** (1974)
Administrative Program Manager I, Public Information
Administrative Program Manager II, Media Services
B.S., University of Wisconsin-Oshkosh
M.S., University of Wisconsin-Stout

**Coffin, John E.** (1993)
Director, Student Services
B.A., Western Illinois University
M.A., Governors State University

**Frederick, Jean L.** (1989)
Student Services Coordinator
B.S., University of Wisconsin-Stout
M.S., University of Wisconsin-Madison

**Hill, Regina** (1991)
Student Services Coordinator, PREP
B.A., University of Wisconsin-Madison
J.D., Southern University Law Center

**Keckonen, Ann** (1983)
Developmental Skills Specialist, PREP
B.A., Lawrence University

**Koch, Paul G.** (1969)
Director, Library
UW Centers Library Processing Center
B.S., University of Wisconsin-Madison
M.S., University of Wisconsin-Milwaukee

**Krump, Marilyn J.** (1988)
Business Manager
B.A., College of Saint Benedict
M.B.A., Edgewood College

**Langhoff, Melissa** (1985)
Associate Academic Librarian
Library Processing Center
B.A., New Mexico Highlands University
M.A.L.S., University of Wisconsin-Milwaukee

**Niesen, Yvonne** (1989)
Academic Librarian
UW Centers Library Processing Center
B.A., University of Wisconsin-Oshkosh
M.L.S., University of Arizona

**Rediske, Cynthia** (1998)
Associate Developmental Skills Specialist, PREP
B.S., Marian College of Fond du Lac

**Thomas, Kenneth J.** (1968)
Student Services Program Manager III,
Student Services, Bookstore
Outreach Program Manager, Continuing Education
B.S., University of Wisconsin-La Crosse

**Wood, Susan** (1982)
Developmental Skills Specialist, PREP
A.A., University of Wisconsin Center-Waukesha County
B.A., University of Wisconsin-Milwaukee

**Faculty and lecturers**

**Armstrong, George M.** (1968)
Associate Professor, Biological Sciences
B.S., University of Wisconsin-Madison
M.N.S., University of Oklahoma
Ph.D., University of Oklahoma

**Balthazor, Ellen M.** (1969)
Assistant Professor, English
B.A., Saint Norbert College
M.A., Marquette University

**Barisonzi, Judith A.** (1976)
Associate Professor, English
B.A., Radcliffe College
M.A., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Madison

**Barrett, Ronald W.** (1970)
Associate Professor, Biological Sciences
B.A., Gustavus Adolphus College
M.S., University of Minnesota-Twin Cities
Ph.D., University of Minnesota-Twin Cities

**Beitz, Todd** (1991)
Associate Lecturer, Chemistry
A.S., University of Wisconsin Center-Fond du Lac
B.S., University of Wisconsin-Oshkosh

**Bolick, William A.** (1965)
Assistant Professor, Psychology
B.A., University of Mississippi
M.A., University of Mississippi

**Bowser, Joan M.** (1969)
Assistant Professor, English
B.A., South Dakota State University
M.A., University of Wyoming

**Dennis, Donald D.** (1970)
Associate Professor, History
B.A., Westminster College
M.A., University of Utah
Ph.D., University of Utah

**Eberlein-Burmeister, Jeanne** (1991)
Associate Lecturer, Art
A.A., University of Wisconsin Center-Baraboo/Sauk County
B.S., University of Wisconsin-Madison
M.F.A., University of Wisconsin-Madison

**Fortier, Jana** (1991)
Associate Lecturer, Anthropology
B.A., University of Minnesota-Twin Cities
M.A., University of Wisconsin-Madison

**Graeser, Richard G.** (1969)
Assistant Professor, Geography
B.S., University of Wisconsin-Oshkosh
M.S., University of Wisconsin-Madison

**Griffiths, William P.** (1968)
Associate Professor, Art
B.S., Western Michigan University
M.F.A., University of Wisconsin-Madison
Hayes, Elizabeth, (1968)
Associate Professor, Biological Sciences
B.A., Maryhurst College
M.S., Marquette University

Heil, John B. (1970)
Associate Professor, Physics
B.S., Beloit College
M.S., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Madison

Hilfgier, John J. (1990)
Assistant Professor, Music
B.S., University of Rochester
M.S., Temple University
M.M., State University of New York at Binghamton
Ph.D., University of Iowa

Hill, Kenneth (1969)
Assistant Professor, Communication Arts
B.A., Kalamazoo College
M.F.A., Trinity University

Kelly, Mary K. (1974)
Associate Professor, Physical Education/Athletics
B.S., University of North Dakota
M.A., Mankato State University

Knar, Richard A. (1968)
Assistant Professor, Mathematics
B.S., University of Wisconsin-Eau Claire
M.S.T., Rutgers University

Kosted, Judith A. (1970)
Assistant Professor, Communication Arts
B.S., Southern Illinois University at Carbondale
M.S., Southern Illinois University at Carbondale

Krupnow, Richard (1991)
Lecturer, English, PREP
B.S., University of Wisconsin-Stevens Point
M.A., Ball State University

Associate Professor, Mathematics
B.S., University of Wisconsin-Superior
M.A., Central Michigan University

Nofz, Michael P. (1976)
Associate Professor, Sociology
B.A., University of Illinois at Chicago
M.A., Northern Illinois University
Ph.D., University of Illinois at Urbana-Champaign

Olmsted, Nancy E. (1991)
Associate Lecturer, Mathematics
B.A., University of Maine
M.A., University of Maine

Payesteh, Sayeed (1991)
Lecturer, Economics
M.A., Western Illinois University
M.A., University of Texas at Dallas
M.S., University of Texas at Dallas

Polodna, Carolyn R. (1990)
Assistant Professor, Business
B.S., University of Wisconsin-Parkside
M.S., University of Wisconsin-Whitewater

Rigterink, Roger J. (1973)
Professor, Philosophy
B.A., Carleton College
Ph.D., University of Wisconsin-Madison

Schudson, David (1985)
Lecturer, Computer Science, Mathematics, PREP
B.A., University of Wisconsin-Madison
M.A., University of Wisconsin-Madison

Shaw, John G. (1967)
Assistant Professor, Mathematics
B.S., University of Wisconsin-Madison
M.S., University of Notre Dame

Wall, Roger (1978)
Assistant Professor, Political Science
B.A., Millikin University
M.A., University of Stockholm, Sweden
Ph.D., University of Stockholm, Sweden

Wilfer, Carla J. (1974)
Associate Professor, Chemistry
B.S., University of Wisconsin-Oshkosh
M.S., Purdue University
University of Wisconsin Center

Fox Valley

Location
The University of Wisconsin Center-Fox Valley is located on a 41-acre campus in Menasha, three miles from the north shore of Lake Winnebago.

Student body
In fall 1992, 1,379 students were enrolled, 44 percent of whom are adult learners. There is a mix of full-time and part-time students.

Facilities
The campus' modern facilities include a fine arts gallery, planetarium, fine arts theater, art studios, fieldhouse, radio and television studios, and a child care center. The campus also has a soccer field, tennis courts, and natural areas.

Special programs
Academic: Evening courses, honors program, mentor program, English pre-college courses, undergraduate research opportunities, and career exploration services.
Scholarships: The UW Fox Cities Foundation annually awards up to 50 scholarships to new, continuing, and transferring students.
Extracurricular: Student government, intramural and varsity sports, cheerleaders, campus newspaper, television productions, radio station, literary magazine, interest clubs (business, drama, English, political science, and nontraditional students), and a variety of other student activities.
Community interest programs: Continuing Education courses, Aaron Bohrod Fine Arts Gallery, drama productions, lecture and fine arts events, planetarium programs, and music department concerts.

Campus Dean (to be named)
Phoebe Uschan, Student Services Director

Student Services Office
P.O. Box 8002
1478 Midway Road
Menasha, WI 54952-8002
(414) 992-2620
UWC-Fox Valley
Administration and support services

Campus Dean (to be named)

Alderson, James M., Jr. (1988)
Student Services Specialist
B.A., University of Wisconsin-Oshkosh
M.F.A., Indiana University

Baur, James (1992)
Associate Information Processing Consultant

Eagon, James B. (1980)
Business Manager
B.S., University of Wisconsin-Stevens Point

Eagon, Wendy (1983)
Administrative Program Manager II, Children’s Center
B.S., University of Wisconsin-La Crosse
M.S., University of Wisconsin-Oshkosh

Fenner, Kathleen R. (1987)
Administrative Specialist, Student Activities

Frantz, Thomas E. (1981)
Administrative Program Manager I, Media Services
B.A., Thiel College
M.S., Clarion University of Pennsylvania

Outreach Program Manager II, Continuing Education
Associate Professor, UW-Extension
B.A., University of Wisconsin-Madison
M.A., University of Wisconsin-Madison

Jensen, Jacqueline F. (1990)
Student Services Coordinator, Student Activities
B.S., University of Wisconsin-Green Bay
M.S., University of Wisconsin-La Crosse

Kain-Breese, April L. (1976)
Director, Library
B.S., University of Wisconsin-Stevens Point
M.S., University of Wisconsin-Madison

Lewis, Kay (1974)
Senior Student Services Coordinator
B.S., University of Wisconsin-Stevens Point
M.A., University of Iowa

Mills, Margret (1990)
Associate Academic Librarian
B.A., University of Wisconsin-Eau Claire
M.L.S., University of Wisconsin-Madison

Rickert, Brenda J. (1984)
Senior Student Services Coordinator
B.S., University of Wisconsin-La Crosse
M.S., University of Wisconsin-La Crosse

Schultz, Maxwell D. (1986)
Administrative Program Manager I, Public Information
B.S., University of Wisconsin-Stout

Uschan, Rhonda S. (1988)
Director, Student Services
B.S., Kentucky State University
M.P.A., Kentucky State University

Faculty and lecturers

Alexander, Janice (1992)
Assistant Professor, Chemistry
B.S., Michigan State University
Ph.D., University of Virginia

Allen, Malcolm D. (1990)
Assistant Professor, English
B.A., University of Lancaster, England
M.A., Louisiana State University
Ph.D., Pennsylvania State University

Anders, Shirley (1989)
Lecturer, English
A.B., Salem College
M.F.A., Bennington College

Anderson, Kenneth (1965)
Associate Professor, Communication Arts
B.S., Lawrence University
M.S., University of Wisconsin-Madison

Barrett, Ronald (1976)
Associate Professor, Biological Sciences
B.A., Gustavus Adolphus College
M.S., University of Minnesota-Twin Cities
Ph.D., University of Minnesota-Twin Cities

Bell, Suzanne (1978)
Senior Lecturer, Chemistry
B.S., University of Richmond
M.A.T., Duke University

Assistant Professor, Geology/Geography
A.A., University of Wisconsin Center-Sheboygan County
B.A., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Madison

Bultman, William J. (1991)
Assistant Professor, Computer Science
B.S., Marquette University
M.S., University of Illinois at Chicago
Ph.D., University of Illinois at Chicago

Collins, Michael (1975)
Assistant Professor, Sociology
B.S., Loyola University of Chicago
M.A., University of Notre Dame

Fogle, Jill M. (1986)
Recreation Specialist and Associate Lecturer
Physical Education/Athletics
B.S., University of Wisconsin-La Crosse

Garton, Tony (1992)
Lecturer, Music
B.M., University of Wisconsin-Madison
M.A., Columbia University

Gazzola, Angelo C., Jr. (1981)
Associate Professor, Business/Economics
B.S., University of Wisconsin-Green Bay
M.S., University of Wisconsin-Oshkosh
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Degree(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gemin, Pamela</td>
<td>Lecturer, English</td>
<td>B.A., Eastern Michigan University, M.A., Eastern Michigan University</td>
</tr>
<tr>
<td>Gunawardena, Chitra</td>
<td>Assistant Professor, Mathematics</td>
<td>B.S., University of Peradeniya, Sri Lanka, M.S., University of Peradeniya, Sri Lanka, Ph.D., Michigan State University</td>
</tr>
<tr>
<td>Haeft, Michael E.</td>
<td>Assistant Lecturer, History</td>
<td>B.A., University of Wisconsin-Oshkosh, M.A., Marquette University</td>
</tr>
<tr>
<td>Hauxhurst, James</td>
<td>Associate Professor, Biological Sciences</td>
<td>B.A., University of California-Santa Barbara, M.A., University of California-Berkeley, Ph.D., University of California-San Diego</td>
</tr>
<tr>
<td>Hayes, Patrick</td>
<td>Associate Professor, Business/Economics</td>
<td>B.B.A., Eastern New Mexico University, M.B.A., Eastern New Mexico University</td>
</tr>
<tr>
<td>Hieser, Rex</td>
<td>Associate Professor, Psychology</td>
<td>B.S., Michigan State University, M.A., University of Iowa, Ph.D., University of Iowa</td>
</tr>
<tr>
<td>Hintz, Anne M.</td>
<td>Associate Professor, Foreign Languages</td>
<td>B.A., College of Mount Saint Vincent, Ph.D., Yale University</td>
</tr>
<tr>
<td>Hrubsky, Donald</td>
<td>Professor, English</td>
<td>B.A., Saint Norbert College, Ph.D., Kansas State University</td>
</tr>
<tr>
<td>Jordahl, David</td>
<td>Assistant Professor, Music</td>
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</tr>
<tr>
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<td>B.S., University of Wisconsin-Oshkosh, M.S., Brown University, M.S., University of Wisconsin-Milwaukee</td>
</tr>
<tr>
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</tr>
<tr>
<td>Mason, Carol</td>
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</tr>
<tr>
<td>McLaren, Theda B.</td>
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</tr>
<tr>
<td>Miller, Michael</td>
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</tr>
<tr>
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</tr>
<tr>
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</tr>
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<td>Potash, Marc</td>
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<td>B.A., Utica College of Syracuse University, M.A., Western Kentucky University, M.A., Carleton University, Ph.D., Carleton University</td>
</tr>
<tr>
<td>Putman, Daniel</td>
<td>Professor, Philosophy</td>
<td>B.A., Marquette University, Ph.D., University of Southern California</td>
</tr>
<tr>
<td>Schultz, Sue</td>
<td>Lecturer, Computer Science</td>
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</tr>
<tr>
<td>Sharma, Virendra</td>
<td>Professor, Physics/Astronomy</td>
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</tr>
<tr>
<td>Shaw, Jeremy</td>
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</tr>
<tr>
<td>Spencer, Michael</td>
<td>Associate Professor, Physical Education</td>
<td>B.S., University of Wisconsin-La Crosse, M.S., University of California-Los Angeles</td>
</tr>
<tr>
<td>Stahl, Neil</td>
<td>Associate Professor, Mathematics</td>
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</tr>
<tr>
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<td>B.A., University of Colorado at Boulder, M.A., University of Colorado at Boulder</td>
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</tbody>
</table>
Thompson, Phillip J. (1990)
Associate Professor, Mathematics
B.S., University of Wisconsin-Platteville
M.S., University of Wisconsin-Madison

Varma, Badri (1983)
Associate Professor, Mathematics
M.Sc., Aligarh Muslim University, India
Ph.D., Simon Fraser University, Canada

Wallingford, Susan C. (1975)
Associate Lecturer, Mathematics
B.S., University of Wisconsin-Oshkosh

Watt, Jerald (1981)
Associate Professor, Engineering
B.S., Michigan Technological University
M.S., University of Southern California
Ph.D., Michigan Technological University

White, Larry (1969)
Associate Professor, Political Science
A.A., Independence Community College (Kansas)
B.S.Ed., Pittsburg State University (Kansas)
M.S., Pittsburg State University (Kansas)
D.A., Idaho State University

White, V. Alan (1981)
Associate Professor, Philosophy
B.A., Northwest Nazarene College
M.A., University of Tennessee, Knoxville
Ph.D., University of Tennessee, Knoxville

Wrchota, Thomas W. (1990)
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B.S., University of Wisconsin-Oshkosh
M.S., Utah State University

Assistant Professor, Art
B.F.A., University of Wisconsin-Eau Claire
M.F.A., University of Wisconsin-Madison

Zimmerman, Lynda (1974)
Assistant Professor, Music
B.M.E., University of Wisconsin-Eau Claire
M.M., East Texas State University
University of Wisconsin Center

Manitowoc County

Location

The University of Wisconsin Center-Manitowoc County is located on the southeastern edge of Manitowoc. The 40-acre campus is bound by Lake Michigan on the east and a 78-acre wooded park on the south.

Student body

In fall 1982, 498 students were enrolled. A significant percent are 25 years old or older. Both full-time and part-time students are enrolled. Students from every high school in Manitowoc County attend UWC-MC, as do students from Brown, Calumet, and Kewaunee counties.

Facilities

Two large multi-purpose buildings connected by an enclosed second floor walkway make up the campus. East Hall houses classrooms, a lecture hall, fine arts room, art gallery, library, bookstore, science labs, weight room, greenhouse, cafeteria-lounge, and offices. West Hall includes a physical education facility, computer lab, geography/geology lab, music rehearsal rooms, child care service, classrooms, and faculty offices. The grounds include a weather station and play area for the child care service.

Special programs

Academic: Evening associate degree program, AODA program, remedial mathematics and English, and a student tutoring service.

Scholarships: Numerous community and UWC-Manitowoc County Foundation scholarships are available for new and returning students.

Extracurricular: Newspaper, student senate, UWC-Manitowoc County Ambassadors, nontraditional student association, business club, and intramural and varsity sports.

Community interest programs: Continuing Education courses, College for Kids, Upward Bound Program, campus/community band, chorus and theater, jazz ensemble, art exhibits in the East Hall Gallery, and a speakers bureau.
UWC-Manitowoc County
Administration and support services
Campus Dean
Lecturer, German
B.A., Brigham Young University
M.A., Brigham Young University
Ph.D., University of Wisconsin-Madison

Bjerke, Robert A. (1973)
Director, Library
B.A., University of Wisconsin-Madison
M.A., University of Wisconsin-Madison
M.A., University of Minnesota-Twin Cities
Ph.D., University of Wisconsin-Madison

Frederick, Lynn L. (1977)
Outreach Program Manager I, Sea Grant Field Agent
B.S., University of Wisconsin-Oshkosh
M.S., University of Michigan
Ph.D., University of Wisconsin-Madison

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Program Manager I, Upward Bound
B.S., University of Wisconsin-Stout
M.S., University of Wisconsin-Madison

Herrity, Michael A. (1987)
Director, Student Services
B.S., University of Iowa
M.A., University of Northern Iowa
Ed.D., Oklahoma State University

Lamberg, Laurie A. (1990)
Advisor, Upward Bound
B.A., Carroll College

Associate Information Processing Consultant
A.S., University of Wisconsin-Madison
B.S., University of Wisconsin-Green Bay

Palmer, Kathleen M. (1990)
Outreach Program Manager I, Continuing Education
B.S., Mankato State University

Peters, Bruce D. (1980)
Business Manager
B.S., University of Wisconsin-Stevens Point

Administrative Program Manager I, Public Information
B.A., Regis College

Skubal, Susanne M. (1976)
Senior Student Services Coordinator
B.A., University of Wisconsin-Madison
M.A., University of Wisconsin-Madison

Faculty and lecturers
Arendt, Michael J. (1971)
Professor, Music
B.M., Saint Norbert College
M.M., Wichita State University

Ball, Neil M. (1968)
Associate Professor, Chemistry
B.S., University of New Hampshire
M.S., University of New Hampshire
Ph.D., University of Wisconsin-Madison

Corrado, Lawrence C. (1969)
Associate Professor, Physics/Engineering/Computer Science
B.S., De Paul University
M.S., Arizona State University
Ph.D., Arizona State University

Crowley, Maureen E. (1989)
Assistant Professor, Psychology
B.A., Rutgers University
M.S., Purdue University
Ph.D., Purdue University

Assistant Professor, Mathematics
B.S., South Dakota School of Mines and Technology
M.S., South Dakota School of Mines and Technology

Emmet, Paul J. (1978)
Associate Professor, English
B.S., Loyola University
M.S., Illinois Institute of Technology
M.A., Loyola University
Ph.D., University of Chicago

Flannery, Richard F. (1978)
Professor, Political Science
A.B., Syracuse University
M.A., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Madison

Gallagher, Timothy (1992)
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M.A., Marquette University

Graetz, Kenneth R. (1974)
Associate Professor, Art
B.S., University of Wisconsin-Milwaukee
B.S., University of Wisconsin-Milwaukee
M.F.A., University of Wisconsin-Milwaukee

Gratz, David K. (1978)
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B.A., Wesleyan University
M.A., Syracuse University
Ph.D., Syracuse University

Associate Professor, Biological Sciences/Chemistry
B.S., University of Wisconsin-Eau Claire
M.S., University of Iowa
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B.S., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison
Knauf, Kenneth L. (1985)
Assistant Professor, Business
B.B.A., University of Wisconsin-Madison
M.M.S., University of Arkansas

Leone, Catherine L. (1989)
Assistant Professor, Anthropology/Sociology
B.A., University of California-Berkeley
M.A., Washington State University
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Schuh, Martha (1982)
Assistant Professor, Mathematics/Computer Science
A.B., Oberlin College
M.A., University of Illinois at Urbana-Champaign

Semmes, David H. (1966)
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B.S., Agra University, India
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Ph.D., University of Illinois at Urbana-Champaign

Sontag, Charles R. (1967)
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M.S., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Madison

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M.B.A., Roosevelt University
Ph.D., University of Illinois at Chicago

Thomas, Jamie A. (1991)
Lecturer, Mathematics
B.A., University of Iowa
M.A., University of Iowa

Trask, Kerry A. (1972)
Professor, History
B.A., Hamline University
M.A., University of Minnesota-Twin Cities
Ph.D., University of Minnesota-Twin Cities

Van Der Vaart, Richard L. (1986)
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B.S., University of Wisconsin-La Crosse
M.A., Western Michigan University

White, V. Alan (1981)
Associate Professor, Philosophy
A.B., Northwest Nazarene College
M.A., University of Tennessee, Knoxville
Ph.D., University of Tennessee, Knoxville
University of Wisconsin Center
Marathon County

Location
The University of Wisconsin Center—Marathon County has a six-and-one-half acre campus in Wausau, adjacent to Marathon Park. Wausau is in north central Wisconsin, about 140 miles north of Madison.

Student body
In fall 1992, 1,217 students were enrolled, 681 women and 536 men. 68 percent full-time and 32 percent part-time. Student age varies from 17 to over 70. The campus draws most of its students from Marathon, Clark, Langlade, Lincoln, and Shawano counties.

Facilities
UWC-Marathon County has a residence hall which houses 162 students. Other buildings include a science hall with extensive lab facilities; an art studio; a fieldhouse with a racquetball court, weight room, swimming pool, and gymnasium; and a classroom-office complex with a theater, a computerized library, student center, bookstore, planetarium, greenhouse, cafeteria, and computer laboratory.

Special programs
Academic: Honors program for academic achievers, basic skills courses, tutoring, English as a second language, Learning Lab services, outreach nursing degree completion, and extended degree.
Scholarships: Annually, over $80,000 worth of scholarships are awarded on the basis of academic achievement or potential.
Extracurricular: Lecture and Fine Arts Series, lecture forum, intercollegiate and intramural sports, show choir, jazz ensemble, concert band, concert choir, theater productions, Student Government Association, Ambassador Program, Activities Programming Board, and a variety of clubs and special-interest organizations.
Community Interest programs: A wide range of personal enrichment and professional development classes, College of the Emeriti for those age 50 and over, College for Kids, international study/tours, and international dinner lectures.

G. Dennis Massey, Dean
Gregory S. Brown, Student Services Director

Student Services Office
518 South 7th Avenue
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UWC-Marathon County
Administration and support services

Massey, Dennis G. (1991)
Campus Dean
B.A., Johns Hopkins University
M.A., Johns Hopkins University
Ph.D., University of Cincinnati

Barrett, Linda (1991)
Residence Hall Manager
B.S., University of Wisconsin-La Crosse
M.S., University of Wisconsin-La Crosse

Brown, Gregory S. (1992)
Director, Student Services
B.S., Clarion University of Pennsylvania
M.A., Bowling Green State University

Advisor, Extended Degree/High School Relations
B.S., University of Wisconsin-Stevens Point

Keeffe, Kevin G. (1986)
Student Services Specialist
B.S., University of Wisconsin-Madison

Koch, James (1970)
Business Manager
B.A., University of Wisconsin-Madison
M.B.A., University of Wisconsin-Madison

Lokre-McNutt, Cynthia S. (1983)
Student Services Coordinator,
High School Relations/Lecture and Fine Arts
A.A., Santa Barbara City College
B.F.A., University of Southern California
S.S.I., University of Southern California
M.A., University of Illinois at Urbana-Champaign

Outreach Program Manager I, Continuing Education
B.S., Winona State University
M.A., University of Wisconsin-Stevens Point

Roll, Todd (1991)
Associate Academic Librarian
B.A., University of Wisconsin-Madison
M.A., University of Wisconsin-Madison

Runkel, John (1964)
Senior Student Services Coordinator
B.A., Lawrence University

Streibig, Judy (1972)
Director, Library
A.A., Port Huron Junior College
B.A., Eastern Michigan University
M.A., Western Michigan University

Stuplich, Richard (1992)
Associate Information Processing Consultant

Wittkopf, Judith (1992)
Administrative Program Manager I, Public Information
B.A., University of Wisconsin-Madison

Faculty and lecturers

Absheer-Seale, Lisa (1992)
Assistant Professor, English
B.A., University of California-Santa Barbara
B.A., University of California-Santa Barbara
M.A., University of California-Santa Barbara
Ph.D., University of California-Santa Barbara

Barrington, Byron (1960)
Professor, Psychology
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M.S., University of Chicago
Ph.D., University of Chicago

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Associate Professor, Biological Sciences
B.S., Pennsylvania State University
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Brown, Mark T. (1986)
Associate Professor, Philosophy
B.A., Baker University
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M.A., University of Kansas
M.Phil., University of Kansas
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Burger, Angela (1965)
Professor, Political Science
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Case, Joel C. (1982)
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Chevalier, Joseph E. (1966)
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Dahle, Richard W. (1963)
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M.S., University of Wisconsin-Madison

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Elder, William G. (1993) Assistant Professor, Psychology B.A., University of Texas at Dallas Ph.D., University of Texas Southwestern Medical Center at Dallas


Free, Marvin D. (1985) Associate Professor, Sociology B.B.A., Baylor University M.B.A., Baylor University M.A., Baylor University Ph.D., University of Denver

Gonzalez, Frank (1981) Associate Professor, Engineering/Mathematics B.S., University of Florida M.S., University of Florida Ph.D., University of Florida

Gratinic, Marcel R. (1966) Professor, Chemistry M.S., University of Zagreb, Yugoslavia Ph.D., University of Zagreb, Yugoslavia

Hosler, Douglas E. (1972) Associate Professor, Philosophy B.A., Oberlin College M.A., Yale University Ph.D., University of Pittsburgh

Houchens, John (1992) Instructor, Business/Economics B.B.A., University of Kentucky B.S., University of Kentucky M.A., University of Kentucky


Kelly, John W. (1963) Associate Professor, Chemistry B.S., Bethany Nazarene College M.S., University of Mississippi

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Lorenz, James J. (1966) Professor, History B.A., University of Wisconsin-Madison M.S., University of Wisconsin-Madison Ph.D., University of Wisconsin-Madison


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Okray, Peter A. (1970) Associate Professor, English B.S., University of Wisconsin-Madison M.S., University of Wisconsin-Madison Ph.D., University of Wisconsin-Madison

Hendricks, Bryan L. (1973) Associate Professor, Psychology B.A., Keaney State College M.A., University of Illinois at Urbana-Champaign Ph.D., University of Illinois at Urbana-Champaign

Hessert, Nancy A. (1975) Associate Professor, Spanish B.S., Northwestern University M.A., University of Wisconsin-Madison


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B.F.A., Chicago Art Institute-Goodman School of Drama
M.F.A., Chicago Art Institute-Goodman School of Drama
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Salli, Arne J. (1964)
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M.S., University of Wisconsin-Madison
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B.S., University of Wisconsin-Madison
M.S., University of Colorado-Boulder
Ph.D., University of Wisconsin-Madison

Ware, Linda L. (1964)
Associate Professor, English
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M.S., University of Wisconsin-Madison

Whitney, J. D. (1969)
Professor, English
B.A., University of Michigan-Ann Arbor
M.A., University of Michigan-Ann Arbor

Younger, Judith (1981)
Lecturer/Recreation Specialist
B.S., Mankato State University
M.A., Mankato State University
University of Wisconsin Center
Marinette County

Location
The 36-acre University of Wisconsin Center Marinette County campus is located on the shores of Lake Michigan’s Green Bay. Downtown Marinette and downtown Menominee, Michigan, are both within a five-minute drive of campus.

Student body
In fall 1992, 489 students were enrolled, 35 percent of whom are age 25 or older. Students attend the campus on a full-time or part-time basis. Almost one third of the students are Michigan residents who, because of a reciprocal tuition agreement, pay Wisconsin resident tuition rates.

Facilities
The hub of student life is the student union-lounge-cafeteria wing of the administration-science building. A second wing contains a student center and classrooms. Art facilities include a 394-seat theater, gallery, visual arts studios, and photographic laboratories. The library overlooks the bay. Completing the four-building complex is the Max E. Peterson Field House.

Special programs
Academic: Math, English, science tutors, off-campus courses, interdisciplinary computer assisted instructional programs, and open computer laboratories.
Scholarships: Talentship Grants based on academic potential and leadership sponsored by UW-Marinette Foundation.
Extracurricular: Phi Theta Kappa national junior college honorary, intramural and varsity sports, returning adult students’ club, multi-cultural club, Writers’ Club.
Community interest programs: Theatre on the Bay productions (including summer series), faculty lecture series, and cross-cultural development activities.

William A. Schmidtke, Dean
Stephen P. Richer, Student Services Director

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UWC-Marinette County
Administration and support services

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M.S., University of Wisconsin-Madison

Jones, Jane C. (1987)
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La Pierre, Carol J. (1966)
Business Manager

Administrative Specialist, CASS Program
Development Skills Specialist, ESL
Administrative Program Manager I, Public Information
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M.A., Tennessee State University

Richer, Stephen P. (1963)
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M.A., Northern Michigan University

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A.A., Nicolet Area Technical College
B.S., University of Wisconsin-La Crosse
M.S., University of Wisconsin-La Crosse

Scofield, Constance V. (1985)
Director, Library
A.A., Hibbing State Junior College
B.A., University of Minnesota-Twin Cities
M.A., University of Wisconsin-Oshkosh

Faculty and lecturers

Bassiouni, M. Salah (1992)
Assistant Professor, Sociology/Anthropology
B.A., Ain Shams University, Egypt
M.A., Ain Shams University, Egypt
Ph.D., Alexandria University, Egypt
Ph.D., Northwestern University

Bedrosian, Allen J. (1969)
Professor, Chemistry/Physics
B.S., University of Massachusetts at Amherst
Ph.D., Rutgers State University

Berry, James E. (1969)
Professor, Business/Economics
B.S., Murray State University
M.S., University of Kentucky
Ph.D., University of Kentucky

Associate Professor, Psychology
B.A., Wheeling College
M.S., Purdue University
Ph.D., Purdue University

Espenscheid, Lyle L. (1967)
Assistant Professor, Mathematics
B.S., Wheaton College
M.A., University of Northern Iowa

Giebler, David J. (1981)
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B.M., Fort Hayes State College
M.M., University of Wisconsin-Madison

Hemr, Constance L. (1978)
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B.A., Eastern Michigan University
M.A., Eastern Michigan University

Holman, Katherine S. (1990)
Instructor, English
B.A., University of North Carolina
M.A., University of Southwestern Louisiana

Johnson, Wendel J. (1969)
Professor, Biological Sciences
B.S., Michigan State University
M.S., Michigan State University
Ph.D., Purdue University

Kowalski, Dorothy T. (1983)
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Athletic Director
B.S., Ithaca College
M.S., University of Wisconsin-La Crosse

Krog, Carl E. (1969)
Associate Professor, History/Geography
B.A., University of Chicago
M.A., University of Chicago
Ph.D., University of Wisconsin-Madison

LaMalfa, James T. (1969)
Associate Professor, Art
B.S., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison
M.F.A., University of Wisconsin-Madison

Oitzinger, Jane H. (1983)
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B.A., University of Florida
M.S., University of Florida
Ph.D., University of Florida

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B.S., University of Wisconsin-Stevens Point
M.S., University of Oklahoma

Williams, Herbert L. (1966)
Associate Professor, Communication Arts
B.A., Mount Union College
M.A., University of Wisconsin-Madison
University of Wisconsin Center
Marshfield/
Wood County

Location
The University of Wisconsin Center-Marshfield/Wood County is located on 96 acres in the city of Marshfield.

Student body
In fall 1992, 522 students were enrolled, 23 percent of whom are age 25 or older. Students attend on both a full-time and part-time basis.

Facilities
Major buildings at the Center include the W.W. Clark Administration Building; Aiko Leopold Science Building; A.G. Folker Student Center; Fine Arts Building complex with the Learning Resource Center; Lecture-Performance Hall, music rehearsal rooms, and art studios; the Gymnasium; and University Apartments for student housing. Outdoor recreational facilities include lighted tennis courts, soccer fields, football field, baseball diamond, golf green, and the university arboretum.

Special programs
Academic: Evening Associate Degree Program; Outreach Program courses offered in Wisconsin Rapids, and freshman/sophomore program leading to a nursing degree.
Scholarship: Scholarships based on academic and leadership qualities, returning adult student incentive scholarships, and Ambassadors Program scholarships for student representatives.
Extracurricular: Student Senate, intramural and varsity sports, Jazz Ensemble, Band, Choir, Swing Ensemble, drama, student newspaper, Computer Club, Inter-Varsity Christian Fellowship Club, and Nursing Association.
Community interest programs: Continuing Education Program, Campus-Community Players theater group, Marshfield/Wood County Symphony Orchestra, Performing Arts Series events, Visiting Artist Series, special topic lectures by faculty and visiting lecturers, and cultural field trips.

Carol McCart, Dean
William Kub, Student Services Director

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**Allmandinger, Barbara (1982)**
Outreach Program Manager I, Continuing Education

**Boldon, Wanda (1990)**
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A.S., University of Wisconsin Center-Richland
B.S., University of Wisconsin-Platteville

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B.A., King's College
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A.S., North Central Technical College

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**Faculty and lecturers**

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B.A., Brooklyn College
M.A., Notre Dame University
M.A., University of Minnesota-Twin Cities
Ph.D., University of Minnesota-Twin Cities

**Allen, Ivalah (1992)**
Lecturer, Music
B.M.E., Wichita State University
M.M., Wichita State University

**Bitner, Thomas (1969)**
Associate Professor, Geography/Geology
B.S., University of Wisconsin-Superior
M.A., Indiana State University

**Boldon, Wanda (1990)**
Associate Lecturer, Physical Education
A.S., University of Wisconsin Center-Richland
B.S., University of Wisconsin-Platteville

**Brown, Mark T. (1986)**
Assistant Professor, Philosophy
B.A., Baker University
B.S.E., University of Kansas
M.A., University of Kansas
M.P., University of Kansas

**Christensen, Richard L. (1966)**
Associate Professor, Mathematics
B.S., University of Wisconsin-Stevens Point
M.A., Northwestern University

**Danou, Constantine C. (1971)**
Assistant Professor, Sociology
B.A., Illinois State University
M.A., Illinois State University

**Detwiler, Natalia T. (1987)**
Lecturer, Spanish
D.I., Hertzen State Pedagogical Institute, U.S.S.R.

**Frazer, Georgette (1979)**
Associate Professor, Business/Economics
B.A., Goddard College
M.S., University of New Hampshire
M.S., University of Wisconsin-Madison

**Hall, Philip K. (1964)**
Professor, Chemistry
B.A., Augustana College
M.A., University of Wisconsin-Madison

**Halloran, Donal W. (1965)**
Assistant Professor, Biological Sciences
B.S., University of Massachusetts at Amherst
M.Ed., University of Massachusetts at Amherst

**Harrington, John (1966)**
Associate Professor, Physical Education/Athletics
B.S., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison

**Hensch, Shirley (1990)**
Assistant Professor, Psychology
B.Comm., University of Alberta, Canada
M.S., University of Alberta, Canada
Ph.D., University of Alberta, Canada

**Hoehn, Janis (1991)**
Lecturer, Biological Sciences
B.S., Purdue University
M.Ed., University of Missouri-Columbia

**Kingston, Kitty (1988)**
Assistant Professor, Art
B.S., University of Wisconsin-Madison
M.A., University of Wisconsin-Madison
M.F.A., University of Wisconsin-Madison

**Kleiman, Jeffrey D. (1988)**
Assistant Professor, History
B.A., Lindenwood College
M.A., University of Cincinnati
Ph.D., Michigan State University
Marty, Thomas G. (1967)
Associate Professor, Chemistry
B.S., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison

Peterson, James R. (1966)
Associate Professor, Physics
B.S., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison

Rindfleisch, Gregory A. (1966)
Professor, Communication Arts
B.A., Mankato State University
M.A., Mankato State University

Shenouda, Salah M. (1974)
Associate Professor, Business/Economics
B.S., Alexandria University, Egypt
M.A., Eastern Michigan University
M.A., Eastern Michigan University
Ed.S., Eastern Michigan University

Sokolowski, Neil E. (1971)
Senior Lecturer, Communication Arts/English
B.S., University of Wisconsin-Milwaukee
M.A., Marquette University

Stewart, Betty B. (1985)
Associate Professor, Mathematics
B.A., Roberts Wesleyan College
M.Ed., California University of Pennsylvania

Sundheim, Paul (1991)
Assistant Professor, Mathematics
B.A., University of California-Santa Barbara
M.A., University of California-Santa Barbara
Ph.D., University of Texas at Austin

Tharp, Julie (1992)
Assistant Professor, English
B.S., Mankato State University
M.A., Mankato State University
Ph.D., University of Minnesota-Twin Cities
University of Wisconsin Center

Richland

Location
The University of Wisconsin Center-Richland campus is located in the southwestern Wisconsin city of Richland Center, midway between La Crosse and Madison, on U.S. Highway 14.

Student body
In fall 1992, 436 students were enrolled, with approximately one-third over the age of 22. The campus draws students primarily from Richland, Grant, Iowa, Juneau, and Sauk counties, but the student body includes people from throughout Wisconsin, various states, and several different countries.

Facilities
The 135-acre campus has six main buildings—the Miller Memorial Library, Wallace Student Center, Classroom Building, Science Building, Roadrunner Gymnasium, and the Administration Building. Also located on campus is the Symons Recreation Complex which houses a heated swimming pool, whirlpool, sauna, two racquetball courts, weight-training area, and a multi-purpose room. Directly adjacent to the campus are two student apartment buildings, Edith Rice Symons Hall and Deans Hall, providing housing for 58 students. Outdoor facilities include an athletic field, a Wellness Trail, tennis and basketball courts, a demanding cross-country course, and an area for winter recreational activities.

Special programs
Academic: Tutoring services; study skills workshops; and Cooperative Association of States for Scholarships (CASS), a cooperative program with George Town University that brings students from Central America and the Caribbean to study at UWC-R for two years.

Scholarships: Over 70 scholarships ranging from $200-$1,000 are available through the Richland Campus Foundation Scholarship Program.

Extracurricular: Varsity and intramural sports, student senate, student newspaper, concert association, dance or other social event at least monthly.

Community Interest programs: Continuing Education Office courses for people of all ages, campus-community theater, campus-community band, community choir, lecture series. Students in the CASS program add an international flavor to the campus atmosphere.
UWC-Richland
Administration and support services

Kempthorne, Dion (1990)
Campus Dean
B.S., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Madison

Amburn, Elizabeth (1992)
Administrative Program Manager I, CASS
B.A., Michigan State University

Gentes, Linda (1986)
Outreach Program Manager I, Continuing Education
B.S., University of Illinois at Urbana-Champaign

Director, Library
B.S., University of Wisconsin-Oshkosh
M.A.L.S., University of Wisconsin-Oshkosh

Krueger, Tracy (1983)
Student Services Specialist, High School Relations
B.S., University of Wisconsin-Superior
M.S., Winona State University

Poole, John (1971)
Director, Student Services
B.S., University of Wisconsin-Platteville

Thompson, Dorothy (1985)
Associate Administrative Specialist,
Public Information and Student Activities
A.A., University of Wisconsin Center-Richland
B.G.S., University of Wisconsin-Green Bay

Wentz, Barbara (1969)
Business Manager
A.S., University of Wisconsin Center-Richland

Faculty and lecturers

Aagaard, James K. (1976)
Assistant Professor, Music
A.A., Waldorf College
B.A., Saint Olaf College
M.A., University of Northern Iowa

Albrecht, John F. (1976)
Assistant Professor, Chemistry
B.S., Arkansas State University
M.Div., Austin Presbyterian Seminary
M.S., Tulane University

Armstrong, Margaret (1990)
Assistant Professor, Psychology
B.A., University of Chicago
M.A., University of California-San Diego
Ph.D., University of California-San Diego

Blackmore, Floyd (1969)
Associate Professor, Biological Sciences
B.S., University of Illinois at Urbana-Champaign
Ph.D., University of Illinois at Urbana-Champaign

Bower, Jerry (1967)
Associate Professor, History
B.S., University of Wisconsin-Stevens Point
M.A., Michigan State University
Ph.D., Michigan State University

Bullock, Marnie (1992)
Assistant Professor, English
B.A., Southern Illinois University at Carbondale
B.A., Southern Illinois University at Carbondale
M.F.A., University of Montana

Cavanaugh, Clifton (1979)
Associate Professor, Physics/Computer Science
B.S., Morningside College
M.S., The Ohio State University

Davis, Mark (1992)
Associate Lecturer, History
B.A., Colorado State University
M.A., University of Wisconsin-Madison

Deckert, Garrett (1967)
Associate Professor, Geology/Geography
B.S., University of Wisconsin-La Crosse
M.A.T., Indiana University

Dwyer, Helene (1990)
Associate Professor, Philosophy
B.A., College of White Plains
M.A., Fordham University
Ph.D., Fordham University

Fellows, Patricia (1980)
Associate Professor, Physical Education
B.S., Michigan State University
M.S., Purdue University

Haney, Emil B. (1979)
Professor, Economics
B.S., The Ohio State University
M.S., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Madison

Haney, Wava (1979)
Professor, Sociology
B.S., The Ohio State University
M.S., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Madison

Hirschy, Robert A. (1967)
Associate Professor, Biological Sciences
B.S., Wheaton College
M.S., University of Wisconsin-Madison

Larson, Doran (1992)
Assistant Professor, English
B.A., University of California-Santa Cruz
M.A., State University of New York-Buffalo
Ph.D., State University of New York-Buffalo

Penkoff, Ronald (1987)
Professor, Art
B.F.A., Bowling Green State University
M.A., The Ohio State University
Sriskandarajah, Jeganathan (1985)
Assistant Professor, Mathematics
B.S., University of Sri Lanka
M.S., University of Sri Lanka
M.S., University of Delaware

Stredulinsky, Edward (1990)
Assistant Professor, Mathematics
B.S., University of Alberta, Canada
Ph.D., Indiana University
University of Wisconsin Center

Rock County

Location
The University of Wisconsin Center-Rock County is located in Janesville, 40 miles south of Madison and 80 miles southwest of Milwaukee.

Student body
In fall 1992, 951 students were enrolled, 51 percent of whom are age 22 or older. There is a mix of full-time and part-time students.

Facilities
The 50-acre commuter campus includes Hyatt-Smith Hall, which houses the administration offices, cafeteria, student lounge, back stage lounge, and video-conference center; Andrews and Williams Halls, large classroom buildings which house the science laboratories, Academic Skills Center, computer lab, and the 65,000 volume library; and Wells Cultural Center, with a 350-seat theater, a gymnasium, art gallery, and the art, music and drama departments.

Special programs
Academic: Daytime and evening Associate Degree Program; Academic Skills Center including tutoring, college orientation workshop for pre-college students or interested adults; course work leading to bachelor's and master's degrees in business in cooperation with UW-Extension and UW-Whitewater, and extensive film library.
Scholarships: New and continuing students planning to enroll for six or more credits are eligible to apply for a variety of scholarships. Selection is based on academic achievement and leadership ability.
Extra-curricular: Special support group for adult students, intercollegiate sports, student newspaper, student government. theater groups, various clubs, jazz ensemble, band, mixed chorus, and madrigal singers.
Community interest programs: Lecture & Fine Arts programming, community band, theater events, videoconferencing, College for Kids, and non-credit courses offered through the Continuing Education Office.
### UWC-Rock County
#### Administration and support services

**Crisler, Jane E.** (1991)
Campus Dean  
A.B., Indiana University  
M.A., Indiana University  
Ph.D., University of Wisconsin-Madison

**Borg, Terry E.** (1988)
Director, Student Services  
B.A., Michigan State University  
M.A., University of Sussex, England  
Ph.D., Michigan State University

**Eichman, Steven J.** (1991)
Business Manager  
B.B.A., University of Wisconsin-Whitewater  
M.S.E., University of Wisconsin-Whitewater

**Galli, Elizabeth A.** (1977)
Outreach Program Manager I, Continuing Education  
B.S., University of Wisconsin-Oshkosh

**Greenler, Karen** (1991)
Student Services Coordinator  
B.A., University of Wisconsin-Green Bay  
M.F.A., University of Wisconsin-Madison

**Hall, Joyce** (1992)
Student Services Coordinator  
A.A., University of Wisconsin Center-Rock County  
B.S., University of Wisconsin-Whitewater

**Horn, Robert M.** (1967)
Student Services Coordinator  
B.S., University of Wisconsin-Madison  
M.S., Pennsylvania State University

**Hourigan, Timothy** (1991)
Developmental Skills Specialist  
Minority/Disadvantaged Program  
B.A., University of California-Santa Cruz  
M.S., University of Wisconsin-Milwaukee

**Jenkins, Lisa** (1990)
Student Services Coordinator/Project Excel  
B.S., Mississippi Valley State University

**Krebs, Loretta** (1989)
Senior Advisor, Minority/Disadvantaged Programs  
B.A., The Ohio State University  
M.Ed., Kent State University

**Lenox, Gary J.** (1966)
Director, Library  
B.A., University of Minnesota-Twin Cities  
M.A., University of Wisconsin-Madison

**Maloney, Maryann J.** (1981)
Developmental Skills Specialist  
Minority/Disadvantaged Program  
B.A., Northern Michigan University  
M.A., Northern Michigan University

**Pillard, Diane S.** (1984)
Administrative Program Manager I, University Relations  
B.S., University of Wisconsin-Whitewater

### Faculty and lecturers

**Allen, Duane L.** (1969)
Associate Professor, Philosophy  
B.A., University of Wisconsin-Madison  
M.A., University of Wisconsin-Madison

**Amundson, Delyle S.** (1969)
Assistant Professor, Mathematics  
B.S., University of Wisconsin-Platteville  
M.S., University of Wyoming

**Atwood, Daniel** (1977)
Associate Professor, English  
B.A., University of Wisconsin-Madison  
M.A., George Washington University  
Ph.D., The Ohio State University

**Berke, Richard E.** (1962)
Professor, English  
B.A., University of Illinois at Urbana-Champaign  
M.A., University of Wisconsin-Madison

**Brandes, Stuart D.** (1967)
Professor, History  
B.S., University of Wisconsin-Madison  
M.S., University of Wisconsin-Madison  
Ph.D., University of Wisconsin-Madison

**Cutsinger, Loran** (1989)
Assistant Professor, Anthropology  
B.A., University of Michigan-Ann Arbor  
M.A., Washington State University  
Ph.D., Washington State University

**Fiorina, Frank J.** (1967)
Associate Professor, French  
B.S., Southern Illinois University at Carbondale  
M.A., University of Wisconsin-Madison

**Fuller, Mark** (1991)
Assistant Professor, Mathematics  
B.A., University of California-Berkeley  
M.S., University of Massachusetts at Amherst

**Galindo, Rose Marie** (1991)
Assistant Professor, Spanish  
B.A., University "Jose Simeon Canas," El Salvador  
M.A., University of Wisconsin-Madison  
Ph.D., University of Wisconsin-Madison

**Gibbs, David** (1989)
Assistant Professor, Computer Science  
A.B., San Diego State University  
M.S., San Diego State University

**Goding, Lloyd A.** (1970)
Professor, Chemistry  
B.S., University of New Mexico  
M.S., University of New Mexico  
Ph.D., University of New Mexico
Groth, Philip G. (1981)
Associate Professor, Sociology
B.S., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Madison

Hackenberger, Steven (1989)
Assistant Professor, Anthropology
B.A., University of Tulsa
M.A., Washington State University
Ph.D., Washington State University

Holt, Robert C. (1968)
Professor, Music
B.S., University of Wisconsin-Milwaukee
M.S., University of Wisconsin-Madison

Hornbostel, Julia E. (1966)
Professor, English
B.A., Florida State University
M.A., Indiana University

Jones, George (1992)
Assistant Professor, Economics
B.S., University of Wisconsin-Stevens Point
M.S., Southern Illinois University at Carbondale

Kinnaman, Theodore D. (1966)
Professor, Music
B.M., Northwestern University
M.M., Northwestern University

LaBrie, Janet E. (1988)
Associate Lecturer, English
B.A., University of Wisconsin-Whitewater
M.A., University of Wisconsin-Madison

Lampe, Gregory (1978)
Assistant Professor, Communication Arts
B.S., Slippery Rock University of Pennsylvania
M.A., Northern Illinois University

Liss, Frederick M. (1970)
Associate Professor, Mathematics
B.A., University of Notre Dame
M.A., University of Wisconsin-Madison

Merrill, Edward (1991)
Assistant Professor, Biological Sciences
B.A., Drew University
M.S., University of Wisconsin-Madison
Ph.D., University of California-Berkeley

Miller, Cherie (1992)
Associate Lecturer, Business
B.B.A., University of Wisconsin-Whitewater
M.B.A., University of Wisconsin-Whitewater

Mory, Peter R. (1966)
Associate Professor, Physical Education
B.S., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison

Murray, David G. (1962)
Associate Professor, Physics
B.A., Carleton College
M.S., University of Wisconsin-Madison

O’Brien, Michael (1992)
Associate Lecturer, Political Science
B.A., Colorado State University
M.A., University of Arizona
J.D., University of Wisconsin-Madison

Peterson, Priscilla (1988)
Assistant Professor, Biological Sciences
B.S., University of Wisconsin-La Crosse
M.S., University of Wisconsin-La Crosse
Ph.D., University of Wisconsin-Madison

Assistant Professor, Psychology
B.A., College of Saint Catherine
M.A., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Madison

Schleis, Harold E. (1972)
Associate Professor, Mathematics
B.S., University of Wisconsin-Oshkosh
M.A., Arizona State University
Ph.D., Arizona State University

Scott, Everett D. (1969)
Professor, Art
B.F.A., University of Utah
M.A., University of Wisconsin-Madison
M.F.A., University of Wisconsin-Madison

Storoh, Robert D. (1969)
Professor, History
B.A., University of Wisconsin-Madison
M.A., University of Wisconsin-Madison

Weinberg, Mark S. (1983)
Associate Professor, Communication Arts
B.A., William College
M.A., State University of New York College at New Paltz
M.F.A., University of Minnesota-Twin Cities
Ph.D., University of Minnesota-Twin Cities

Williams, Barbara J. (1969)
Professor, Geography
B.A., University of Wisconsin-Madison
M.A., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Madison

Wimmer, Mary Alice (1967)
Associate Professor, Art
B.F.A., University of Wisconsin-Madison
M.A., University of Wisconsin-Madison
M.F.A., University of Wisconsin-Madison


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University of Wisconsin Center
Sheboygan County

Location
The University of Wisconsin Center-Sheboygan County is located on a 73.5-acre site on the western edge of the city of Sheboygan.

Student body
In fall 1992, 682 students were enrolled, 30 percent of whom are 25 or older. Part-time students make up 40 percent of the student population. Both full-time and part-time students are enrolled.

Facilities
The campus includes a main building; learning resources building; fine arts building with a theater; physical education building; and observatory. The grounds include tennis courts, areas for field sports, and a natural terrain for cross-country track and skiing.

Special programs
Academic: Evening Associate Degree Program, evening academic/career counseling, tutoring, and Phi Theta Kappa Scholastic honorary.
Scholarships: UW-Sheboygan County Foundation Talent Grants and other scholarships ranging from $100 to $1,000.
Extracurricular: Campus newspaper, intramural and varsity sports, literary magazine, and special interest groups.
Community interest programs: Continuing Education Extension short courses and workshops, University Theatre drama productions, Theatre for Young Audiences productions, wind ensemble concerts, choir concerts, lecture and fine arts events, classic film series.
UWC-Sheboygan County
Administration and support services

O'Connor, G. Kathleen (1992)
Campus Dean
B.A., Stanford University
M.A., Washington University
Ph.D., Washington University

Gleason, Linda (1988)
Student Services Coordinator
B.S., Viterbo College
M.S.E., University of Wisconsin-La Crosse

Harrison, Nancy R. (1990)
Instructional Program Manager I, Upward Bound
B.S., University of Wisconsin-Stout
M.S., University of Wisconsin-Milwaukee

Lee, Eric K. (1992)
Advisor, Pathways to Opportunity
B.A., Viterbo College
M.E.-P.D., University of Wisconsin-La Crosse

Mortenson, Thomas L. (1976)
Business Manager
B.S., Rockford College

Quicker, Sharon R. (1973)
Administrative Specialist, Library
B.A., Lakeland College

Strakulski, Peter C. (1979)
Administrative Program Manager I, Public Information
Outreach Program Manager I, Continuing Education
B.S., Boston University
M.S., Cardinal Stritch College

West, Betsy L. (1974)
Director, Student Services
B.A., University of Iowa
M.A., University of Iowa

Westfall, Susanne J. (1985)
Director, Library
B.S., University of Wisconsin-Milwaukee
M.L.S., University of Wisconsin-Milwaukee

Faculty and lecturers

Ball, Neil M. (1968)
Associate Professor, Chemistry
B.S., University of New Hampshire
M.S., University of New Hampshire
Ph.D., University of Wisconsin-Madison

Browne, Bruce C. (1985)
Associate Professor, Communication Arts
B.A., College of Wooster
M.A.T., College of Wooster
M.F.A., University of Massachusetts at Amherst

Buser, Mary M. (1987)
Assistant Professor, Psychology
B.S., University of Wisconsin-Whitewater
M.A., University of Manitoba, Canada
Ph.D., University of Manitoba, Canada

Flannery, Richard F. (1978)
Professor, Political Science
A.B., Syracuse University
M.A., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Madison

Professor, Music
B.M., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison

Grittinger, Thomas F. (1968)
Professor, Biological Sciences
B.S., University of Wisconsin-Milwaukee
M.S., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Milwaukee

Gross, James F. (1971)
Associate Professor, Computer Science
B.S., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison

Heidt, James G. (1967)
Associate Professor, Geography
B.A., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison

Homstad, Alice A. (1975)
Associate Professor, Spanish
B.A., University of Wisconsin-Whitewater
M.S., University of Wisconsin-Madison

Jarosch, Richard M. (1966)
Associate Professor, Chemistry
B.S., University of Wisconsin-Eau Claire
M.S., University of Iowa

Kaeppe1, Albert R. (1965)
Assistant Professor, Physics
B.Ed., University of Wisconsin-Whitewater
M.S., New Mexico Highlands University

Karn, Edwin D. (1985)
Associate Professor, History
B.A., University of Wisconsin-Madison
M.A., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Madison

Korb, Kenneth W. (1961)
Professor, Geography
B.S., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Madison

Lecturer, Communication Arts
B.S., University of Wisconsin-La Crosse
M.A., University of Wisconsin-Superior

Louzecky, David J. (1972)
Professor, Philosophy
B.S., University of Wisconsin-Madison
M.A., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Madison
Margrett, Robert J. (1969)
Associate Professor, English
B.A., St. John Fisher College
M.A., Niagara University

Marquardt, Lee C. (1964)
Assistant Professor, Mathematics
B.S., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison

Meidam, Miles T. (1969)
Associate Professor, Anthropology/Sociology
B.S., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Madison

Milicia, Joseph, Jr. (1976)
Associate Professor, English
B.A., Case Western Reserve University
M.A., Columbia University
Ph.D., Columbia University

Peneski, Thomas J. (1969)
Assistant Professor, Mathematics
B.A., Rockhurst College
M.A., University of Wisconsin-Madison

Scherff, Barrett P. (1972)
Lecturer, Biological Sciences/Chemistry
B.S., University of Wisconsin-Madison
M.S.T., University of North Dakota

Snyder, John J. (1969)
Associate Professor, Physical Education/Athletics
B.S., University of Wisconsin-Platteville
M.S., University of Washington

Stader, Allan R. (1992)
Lecturer, Economics
B.S., University of Wisconsin-Stevens Point
M.B.A., University of Wisconsin-Oshkosh

Assistant Professor, Economics
B.S., National University
M.B.A., Roosevelt University
Ph.D., University of Illinois at Chicago

Tobin, G. Jean (1976)
Professor, English
B.A., University of Wisconsin-Madison
M.A., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Madison

Wildman, Wayne (1950)
Lecturer, Music
B.A., Lakeland College
M.M., University of Wisconsin-Madison

Zamba, James E. (1967)
Professor, Art
B.S., Western Michigan University
M.F.A., Cranbrook Academy of Art
University of Wisconsin Center

Washington County

Location
The University of Wisconsin Center-Washington County is situated on 67 glacier-sculpted acres on the southwest side of West Bend, one block west of the intersection of the US 45 bypass and State Hwy. 33. West Bend is located 30 minutes from metropolitan Milwaukee.

Student body
In the fall of 1992, 747 students were enrolled, 40 percent of whom are age 22 or older. Both full-time and part-time students are enrolled. The campus draws students from more than 30 area high schools and four surrounding counties.

Facilities
The campus has four fully connected buildings with classrooms, science laboratories and a greenhouse, theater, gymnasium, ceramic and art studios, music ensemble and practice rooms, a piano lab, photography darkroom, food co-op and cafeteria, bookstore, student union, and faculty and administrative offices. In addition there is an observatory and athletic fields. The library contains an extensive collection of books, periodicals, and recordings, and is linked to the University of Wisconsin computerized catalog system. More than 30 computers are available in the adjoining two student computer labs. UWC-WC is linked to other campuses through the CentersNet computer network.

Special programs
Academic: Evening courses, special topics and lecture series.
Scholarships: In 1992, more than $54,000 in scholarships and awards were presented to students.
Extracurricular: Varsity and intramural sports, Phi Theta Kappa national junior college honorary society, student government association, student newspaper, literary magazine, business club, Theatre-on-the-Hill performance troupe, musical ensembles, and other special interest groups.
Community interest Programs: Continuing Education courses, campus-produced musicals and plays, community symphony and chorus, fine arts and lectures series, comedy-at-noon programs, tours and trips.

Joel Rodney, Dean
Student Services Director (to be named)
Student Services Office
400 University Drive
West Bend, WI 53095-3695
(414) 335-5001
Administration and support services

Rodney, Joel M. (1990)
Campus Dean
B.A., Brandeis University
Ph.D., Cornell University
Cert, IEM, Harvard University

Bigler, Nancy (1975)
Administrative Program Manager I, Library
B.S., Ball State University
M.A., Ball State University

Associate Recreation Specialist, Athletics
A.A., University of Wisconsin Center-Washington County
B.S., Cardinal Stritch College

Dziedzic, Cathleen A. (1976)
Business Manager
B.S., University of Wisconsin-Eau Claire

Fitz, Thomas R. (1987)
Director, Library
Assistant Professor
A.B., Southwestern College
M.D.V., Drew University
S.T.M., Drew University
M.A., University of Denver

Student Services Coordinator
B.A., University of Denver
M.A., University of Denver
M.A., California Polytechnic State University-San Luis Obispo

Laabs, Joan B. (1989)
Outreach Program Manager I, Continuing Education
B.A., University of Wisconsin-Milwaukee
M.S., University of Wisconsin-Milwaukee

Reineke, Carol R. (1991)
Acting Administrative Program Manager I, Public Information
B.S., University of Wisconsin-Platteville
M.A., University of Wisconsin-Milwaukee

Steinbach, Katherine (1990)
Administrative Specialist, Student Affairs
A.A., University of Wisconsin Center-Washington County
B.A., University of Wisconsin-Milwaukee

Tailman, Charles H. (1992)
Associate Information Processing Consultant
A.A., University of Wisconsin Center-Washington County

Faculty and lecturers

Bigler, Clair E. (1975)
Associate Professor, English
B.A., Ball State University
M.A., Ball State University
Ph.D., University of Wisconsin-Madison

Brigham, Thomas J. (1966)
Associate Professor, Physical Education/Athletics
B.S., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison

Britton, Gary L. (1987)
Professor, Mathematics
B.A., Dakota Wesleyan University
M.S., South Dakota School of Mines and Technology
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University of Wisconsin Center
Waukesha County

Location
At approximately the geographic center of Waukesha County, the University of Wisconsin Center-Waukesha County is located on the western edge of the city of Waukesha on 66 acres of land. It is one mile south of Interstate 94 at the Hwy. T South exit.

Student body
In fall 1992, 2,136 students were enrolled, 46 percent of whom are age 22 or older. There is a mix of full-time and part-time students.

Facilities
Campus buildings are grouped to form a central mall. Northview Hall, the Administration Building, the Library, the Computer Center, and Commons are joined and define the northeast corner of the mall. The Field House, Southview Hall, and the Fine Arts Center create the southern border of the mall, which is open on the west. The facilities include classrooms, science laboratories, a computer lab, a greenhouse, a 337-seat theater and art gallery, a gymnasium and exercise room, athletic field, cafes, and bookstores.

UW-C-Waukesha County also operates a field station 10 miles southwest of the campus on Hwy. 18 at Waterville.

Special programs
Academic: Associate degree program, Learning Laboratory, Honors program, Pre-college Hispanic program, cooperative program with UW-Milwaukee College of Engineering and Applied Science, cooperative nursing program with Milwaukee County Hospital School of Nursing, and Community Outreach.

Scholarships: Friends & Alumni Foundation Scholarship Program with 50 awards ranging from $100 to $1,600. The Friends Scholar Award provides students with a two-year, full-tuition scholarship.

Extracurricular: Intramural and varsity sports, special interest clubs, student government, campus student radio station and newspaper, and Phi Theta Kappa honor society.

Community interest programs: 30 Minutes lecture series, Wilderness University lecture series, foreign film series, holiday Natchitish dinners and performances, Lunt-Fontanne Ensemble (theater), Jazz Ensemble, Symphonic Band, Swing Choir, and UW-Extension continuing education programs.

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### 1993-94 Academic year calendar

**Semester I**
- Registration: August 26-27, 30-31, September 1
- First day of classes: September 2
- Labor Day: September 6
- Thanksgiving recess: November 25-28
- Last day of classes: December 6
- Study days: December 11-13
- Examinations: December 17, 20-23

**Semester II**
- Registration: January 12-14, 18-19
- Martin Luther King, Jr. Holiday: January 20
- First day of classes: January 20
- Spring vacation: April 1-10
- Last day of classes: May 16
- Study day: May 17
- Examinations: May 18-20, 23-24

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The University of Wisconsin Centers does not discriminate on the basis of age, race, religion, creed, color, handicap, gender, sexual orientation, developmental disability, national origin, ancestry, marital status, arrest record, or conviction record in employment or in admission to and treatment in its educational programs and activities as required by state and federal laws and regulations. Inquiries concerning the application of AA/EEO procedures may be directed to the Affirmative Action Office, 150 E. Gilman Street, Madison, WI 53703, (608)262-2578.

The University of Wisconsin Centers 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 Center 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.
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UWC–Barron County
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UWC–Marathon County
UWC–Marinette County
UWC–Marshfield/Wood County
UWC–Richland
UWC–Rock County
UWC–Sheboygan County
UWC–Washington County
UWC–Waukesha County