

UNDERGRADUATE BULLETIN 2005-2006



NORTHERN MICHIGAN UNIVERSITY

Undergraduate Bulletin Fall 2005-Summer 2006

The Northern Michigan University Undergraduate Bulletin is published by the Registrar's Office, 1401 Presque Isle Avenue, Marquette, Michigan 49855-5323.

Northern Michigan University is an equal opportunity/affirmative action institution and is committed to administering all employment and educational policies and practices without unlawful discrimination. Inquiries or complaints about discrimination may be addressed to the Equal Opportunity Office, 202 Cohodas Administrative Center, 1401 Presque Isle Avenue, Marquette, Michigan 49855.

WWW.NMU.EDU

Accreditation

Northern Michigan University is accredited by the Commission on Institutions of Higher Education of the North Central Association of Colleges and Secondary Schools.

The Higher Learning Commission of the North Central Association of Colleges and Secondary Schools
30 North LaSalle Street, Suite 2400
Chicago, Illinois 60602-2504
Phone: 312-263-0456; 800-621-7440
Fax: 312-263-7462
Internet: Info@ncacihe.org

All education programs are accredited by the National Council for the Accreditation of Teacher Education. Other accreditations include the American Alliance for Health, Physical Education, Recreation and Dance; American Chemical Society; Commission on Accreditation of Allied Health Education Professionals (Surgical Technology); Council on Academic Accreditation of the American Speech-Language-Hearing Association (Communication Disorders); Council on Social Work Education; Department of Transportation Federal Aviation Administration Certification; International Association of Counseling Services, Inc.; Michigan Department of Licensing and Regulation, State Board of Nursing; National Accrediting Agency for Clinical Laboratory Sciences; National Association of Industrial Technology; National Association of Schools of Music.

In addition, the nursing programs (practical nursing, baccalaureate and master's degrees) are fully approved by the Michigan Department of Licensing and Regulation, State Board of Nursing and the baccalaureate and master's degrees are fully accredited by the Commission on Collegiate Nursing Education (CCNE).

The baccalaureate degree programs of the Walker L. Cisler College of Business are accredited by the AACSB International-the Association to Advance Collegiate Schools of Business.

Americans with Disabilities Act Accommodations

If an individual has a need for disability related accommodations or services, please inform the coordinator of disability services in the Disability Services Office in the Dean of Student's Office, 2001 Student Services Center, 906-227-1700. Reasonable and effective accommodations and services will be provided if requests are made in a timely manner, with appropriate documentation, in accordance with federal, state and university guidelines.

Reporting Discrimination

State and federal laws prohibit discrimination against individuals with disabilities, including students or applicants with disabilities. Northern Michigan University's Assistant to the President for Equal Opportunity and/or the Dean of Students coordinates the university's compliance with these state and federal non-discrimination laws, including the federal Vocational Rehabilitation Act of 1973, the federal Americans with Disabilities Act and the amended state Person with Disabilities Civil Rights Act. The Assistant to the President for Equal Opportunity, located in the Equal Opportunity Office, is also the designated grievance officer for complaints or concerns regarding the university, its programs, procedures or employees. If you believe that a violation or potential violation of state or federal non-discrimination laws has occurred, is occurring or will occur, please notify the Assistant to the President for Equal Opportunity or the Dean of Students, 1401 Presque Isle Avenue, Marquette, Michigan 49855. Telephone: 906-227-2420.

TABLE OF CONTENTS

President’s Welcome/History/Mission Statement	4	Native American Studies, Center for	159
Academic Calendar	5	Nursing-Baccalaureate	160
Admission Policies	6	Nursing-Practical	164
First Year Experience Program	10	Philosophy.....	166
Honors Program	11	Physics.....	168
Tuition and Fees	13	Political Science and Public Administration	170
Teaching, Learning and Communication Initiative.....	18	Psychology	173
Financial Aid	19	Sociology and Social Work	177
Academic Standards, Policies and Degree Requirements	21	Technology and Occupational Sciences.....	181
Academic Advising	37	Interdisciplinary and Individually Created Programs	188
Liberal Studies Program and Graduation Requirements	38	Preprofessional Programs.....	193
Academic Information Services	45	Special Purpose Centers	196
Art and Design	46	Continuing Education and Sponsored Programs	197
Biology	53	Course Descriptions.....	198
Walker L. Cisler College of Business	59	Academic Faculty	338
Chemistry	71	University Administration.....	349
Clinical Laboratory Sciences.....	75	General Index	350
Communication and Performance Studies.....	84	Bachelor Degree Program Index	353
Communication Disorders.....	90	Minor Programs Index.....	354
Criminal Justice	91	Associate Degree Programs Index	355
Economics	95	Certificate and Certification Programs Index	355
Education, School of	97	Diploma Programs Index.....	355
Engineering Technology	107		
English.....	113		
Environmental Science Program	118		
Geography	120		
Health, Physical Education and Recreation.....	126		
History.....	136		
International Studies	139		
Liberal Arts and Sciences Programs	142		
Mathematics and Computer Science	146		
Military Science	150		
Modern Languages and Literatures	152		
Music	156		



Welcome to Northern Michigan University

Congratulations on choosing a dynamic institution of higher education. At NMU, I hope your experience will be one full of personal growth and discovery, academic and professional development, and the kind of fun times that make for lifelong memories.

I offer two pieces of advice as you begin your Northern experience. First, get involved. Doing so will help you meet people, learn more about yourself and the world around you, and build your resume. Second, don't be timid; ask questions. The Northern faculty and staff want to help. Students are our top priority.

Best wishes for a life-changing educational experience.

A handwritten signature in black ink that reads "Leslie E. Wong". The signature is written in a cursive, flowing style.

Leslie E. Wong
President

About Northern Michigan University

Northern Michigan University was founded in 1899 as a regional teacher's college. Today it enrolls about 9,400 undergraduate and graduate students who are taught by more than 300 faculty members on a main campus of 358 acres. Constants throughout Northern's history are its reputation for excellent and innovative educational opportunities, its caring faculty and staff, and its natural setting.

Located in Marquette, Michigan, a city of 20,000, Northern offers the best features of rural and urban living in a safe and clean environment. Academically, Northern offers more than 180 programs in 28 different academic departments with credentialing that ranges from certificates and associate degrees to master's degrees. Over 80 percent of Northern faculty members have doctorates or the highest degree in their field.

Northern Michigan University Mission Statement

Northern Michigan University, by providing quality academic programs, strong student support, and extensive regional service for its stakeholders in the upper Midwest, challenges its students, faculty, staff, and alumni to strive for excellence, both inside and outside the classroom, and to become outstanding citizens and leaders.

To accomplish this mission, Northern provides a supportive living and learning environment that includes high-caliber undergraduate and graduate programs, personal attention, extensive use of modern technology, and continuous improvement of curriculum and services through systematic assessment. Challenging themselves and their students, Northern faculty and staff are dedicated to effective teaching and intellectual inquiry; to including students as learning partners in their research, scholarship, and other professional activities; and to advancing the university's roles as a service provider and as a cultural and recreational center in the Upper Peninsula. Northern Michigan University students will study ethics, humanitarian values, and cultural awareness in a strong general education program as well as master specific knowledge in a major career field. As graduates who are life-long learners, they will possess the skills and attitudes to succeed in a fast-paced, constantly evolving, multi-cultural world. As alumni, they will be challenged to continue an NMU tradition, that of distinguishing themselves in their careers and communities.

ACADEMIC CALENDAR 2005-2006

Fall Semester 2005

Orientation for new students	Wednesday-Friday, August 24-26, 2005
First official day of classes	Monday, August 29, 2005
Labor Day observance—no classes	Monday, September 5, 2005
Planning/conference day—no classes	Friday, October 14, 2005
Thanksgiving recess begins at 8 a.m.	Wednesday, November 23, 2005
Classes resume	Monday, November 28, 2005
Last day of classes	Saturday, December 10, 2005
Examination period	Monday-Saturday, December 12-17, 2005
Commencement	Saturday, December 17, 2005
Final grades due from faculty	Tuesday, December 20, 2005

Winter Semester 2006

Orientation for new students	Wednesday-Friday, January 11-13, 2006
First official day of classes	Monday, January 16, 2006
Midsemester recess begins at 5 p.m.	Saturday, March 4, 2006
Classes resume	Monday, March 13, 2006
Last day of classes	Saturday, April 29, 2006
Examination period	Monday-Saturday, May 1-6, 2006
Commencement	Saturday, May 6, 2006
Final grades due from faculty	Tuesday, May 9, 2006

Summer Semester 2006

First official day of Session I classes	Monday, May 22, 2006
Memorial Day observance—no classes	Monday, May 29, 2006
First official day of Session II classes	Monday, July 3, 2006
Independence Day observance—no classes	Tuesday, July 4, 2006
Last day of classes	Saturday, August 12, 2006
Final grades due from faculty	Tuesday, August 15, 2006