School of Graduate Studies

Grant McGimpsey, Dean

Mission

The School of Graduate Studies has responsibility for all graduate work at the University except for that leading to the Doctor of Medicine (M.D.) and Juris Doctorate (J.D.). It is the purpose of the School of Graduate Studies to provide opportunity for advanced study beyond the limits of undergraduate courses, to make available the resources of the University in such combinations as will meet the occupational, intellectual, and cultural needs of qualified post-baccalaureate students, and to encourage original investigation and creative scholarship. The University of North Dakota offers the largest and most diversified graduate school in the region. A number of unique facilities and support resources augment the instructional and research program. In addition, the School of Graduate Studies offers extensive off-campus program offerings through the Division of Continuing Education.

The School of Graduate Studies: General Information

The School of Graduate Studies provides qualified post-baccalaureate students with the opportunity for advanced study toward a graduate degree or certificate. The School of Graduate Studies promotes excellence in scholarship and creativity, and encourages original research and competency in technical and professional fields. The School of Graduate Studies is responsible for general supervision of all graduate activity in the departments, schools, and colleges of the University.

Graduate level courses are offered through various delivery modes. Opportunities for on-campus, online, and combinations of on-campus/online study exist for many programs. Students should consult with individual programs or the School of Graduate Studies for information regarding on-campus and online programming. Students wishing to enroll in distance courses and programs must follow all School of Graduate Studies policies and procedures.

The School of Graduate Studies is a member of the Midwest Association of Graduate Schools, the Western Association of Graduate Schools, the American Indian Professional Association, the Association for Graduate Enrollment Management, the Center for Academic Integrity, the American Association of Collegiate Registrars and Admissions Officers, and the Midwestern Association of Graduate Admissions Professionals. The School of Graduate Studies is one of the one hundred charter members of the Council of Graduate Schools in the United States.

The Dean is the chief administrative officer of the School of Graduate Studies. School of Graduate Studies policy is set by the Graduate Faculty which is made up of the President, the Vice President for Academic Affairs, the Dean of the School of Graduate Studies, and members of the University faculty who have been approved for membership on the Graduate Faculty. A full listing of the Graduate Faculty is available on the School of Graduate Studies website: http://graduateschool.und.edu. Only members of the Graduate Faculty normally may serve on Faculty Advisory Committees and serve as advisors for graduate students.

School of Graduate Studies: Academic Programs

Graduate degrees are offered within seven Colleges or Schools as listed below:

College of Arts & Sciences: Art and Design, Biology, Chemistry, Communication, Communications, Communication Sciences and Disorders, Criminal Justice, English, Geography, History, Linguistics, Mathematics, Music, Physics and Astrophysics, Psychology, and Sociology

College of Business and Public Administration: Applied Economics, Business Administration, and Public Administration

College of Education and Human Development: Counseling, Counseling Psychology, Early Childhood Education, Educational Foundations and Research, Educational Leadership, Educational Studies, Elementary Education, English Language Learners, Higher Education, Instructional Design and Technology, Kinesiology, Reading Education, Special Education, Teaching and Learning.

College of Engineering and Mines: Biomedical Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Energy/Energy Systems Engineering, Environmental Engineering, Geological Engineering, Geology, Mechanical Engineering, and Petroleum Engineering.

College of Nursing and Professional Disciplines: Advanced Public Health Nursing, Nurse Anesthesia, Adult Gerontological NP, Family Nurse Practitioner, Nurse Educator, Nursing Practice, Nutrition and Dietetics, Psych/Mental Health NP, and Social Work.

John D. Odegard School of Aerospace Sciences: Aerospace Sciences, Atmospheric Sciences, Aviation, Computer Science, Earth System Science, Scientific Computing, Space Studies

School of Medicine and Health Sciences: Biomedical Sciences, Clinical and Translational Science, Medical Lab Science, Occupational Therapy, Physical Therapy, Physician Assistant Studies, Public Health

The Graduate Committee

The Graduate Committee is the executive council of the Graduate Faculty. In this capacity it is advisory to the Dean of the School of Graduate Studies and serves as the School of Graduate Studies Curriculum Committee. The Graduate Committee is responsible for hearing appeals of decisions on student academic matters rendered by the Dean of the School of Graduate Studies. The voting membership of the Graduate Committee consists of thirteen full members of the Graduate Faculty. These thirteen members of the Graduate Committee are elected by those members of the Graduate Faculty from each of thirteen academic areas, with each person elected to serve a three-year term. Non-voting ex officio members of the Graduate Committee include the Dean of the School of Graduate Studies, any Associate Dean(s), and the appointed graduate student member. The graduate student member must be enrolled in the School of Graduate Studies and will serve a one-year term. The membership roster of the Graduate Committee is available from the School of Graduate Studies and is posted on the School of Graduate Studies website.

Assessment

As an institution of higher education, the university is committed to ongoing assessment of student learning at all levels and in all programs. Assessment of student learning is essential in order for the University to improve educational programs and the experiences of students. Students and faculty are encouraged to respond when asked to participate in surveys and other assessment activities. Students are also encouraged to collaborate in the planning and development of assessment activities and to make suggestions for improvements.

Degrees Granted

The degrees conferred for graduate work are the Master of Arts (M.A.), Master of Physician Assistant Studies (M.P.A.S.), Master of Science (M.S.), Master of Education (M.Ed.), Master of Business Administration (M.B.A.), Master of Engineering (M.Engr.), Master of Environmental Management (M.E.M.), Master of Fine Arts (M.F.A.), Master of Music (M.M.), Master of Occupational Therapy (M.O.T.), Master of Public Administration (M.P.A.), Master of Science in Applied Economics (M.S.A.E.), Master of Public Health (M.P.H.), Master of Social Work (M.S.W.), Doctor of Arts (D.A.), Doctor of Education (Ed.D.), Doctor of Philosophy (Ph.D.) and Doctor of Physical Therapy (D.P.T.). The Specialist Diploma is offered in Educational Leadership.

Research and Scholarship at UND

The faculty at the University of North Dakota are committed to the advancement of knowledge through research and creative scholarship. High quality creative efforts are evidenced by a number of indicators including, but not limited to, publications, presentations, books, performances, exhibitions, and peer reviewed grants and contracts.

In addition to providing stipends and tuition waivers to qualified degree seeking students, the School of Graduate Studies supports research with Summer Research Professorships, which allow faculty to work with their students on research, and Summer Doctoral Fellowships, which allow Ph.D. candidates to spend full time on their research during the summer.

The annual School of Graduate Studies Scholarly Forum features the research or creative scholarship of students and faculty. The Scholarly Forum is the largest single research event on the UND campus. The School of Graduate Studies has limited resources available to support doctoral student conference travel and dissertation research. Detailed information on these and other programs can be found on the School of Graduate Studies website.

The School of Graduate Studies works closely with the Office of the Vice President for Research and Economic Development to provide opportunities for graduate students. The mission of the Office of the Vice President for Research and Economic Development is to serve the broad research community of the University of North Dakota, a community that is instrumental in meeting the strategic aims of the University which are described in the University of North Dakota's Exceptional UND Plan. The aim is to expand and strengthen the University's commitment to research, scholarship, and creative activity as a means of sustaining and extending the knowledge base, enriching the teaching and learning environment, and enhancing economic development in the community, region, state, nation, and across the world. The hallmark of a major research university is its ability to link faculty across all of the institution's disciplines toward the creation of new ideas and the generation of new technologies. The Office of the Vice President for Research and Economic Development, along with the four research administrative units described below, take a variety of steps designed to create and sustain an environment where faculty and students representing varying disciplines can collaborate in the search for solutions to the world's major problems. To this end, UND research administration develops resources, both human and technical, to enhance research and creative productivity; disseminates information about research and research opportunities; funds research and creative activities by faculty and graduate students; formulates and administers various policies concerning research to ensure that projects conform both to federal and state guidelines and to the intellectual and academic objectives of the University; stimulates private sector relationships leading to commercial development of the products of the university research enterprise; and manages the intellectual property of the University. The following units report directly to the Vice President for Research.

Office of Research Development and Compliance: Research Development and Compliance provides information and assistance on funding sources and guidelines; UND policies on sponsored programs; forms and applications; regulatory policies, such as those for the Institutional Review Board, Animal Use and Care Committee, Institutional Biosafety Committee, and Conflict of Interest; agreements and contracts; and representations and certifications for proposals to Federal programs and copyright and patents. Its roles and responsibilities are to assist faculty/staff in locating potential funding sources; to provide information regarding sponsor requirements and proposal preparation; to conduct administrative reviews of proposals; to assure compliance with University and sponsor regulations concerning conflict of interest, patents, copyrights, research involving animals, research involving human subjects and misconduct in science or creative activities.

Office of Intellectual Property Commercialization and Economic Development: The newly created Intellectual Property Commercialization and Economic Development (IPCED) unit is responsible for protection and commercialization of University research innovations including: aerospace sciences; computer sciences; medicine and health sciences; and engineering and physical sciences. IPCED, having a U.S. Patent and Trademark Office registered personnel, will provide services to draft, file and prosecute patent applications for inventions. IPCED will define and market technology portfolios of inventions to promote new business ventures and build business alliances to accelerate transition of inventions to the marketplace. Services include performing analysis of patentability, value and marketability to identify strategic direction as a licensing, joint venture or spin-off company opportunity. IPCED is also a resource for drafting and negotiating legal agreements, such as confidentiality and licensing agreements, with business partners. In concert with the Center for Innovation, IPCED is seeking funding of entrepreneurial business ventures from corporate, public and private investors and is establishing an integrated vertical process to enhance commercial success.

Grants and Contracts Administration: The mission of Grants & Contracts Administration is to assist faculty and staff with proposal budget preparation, proposal review, award negotiation and financial administration of extramural support according to sponsor regulations. The financial administration of extramural support received by the University for research, service and instructional programs is the responsibility of the Grants and Contracts Administration office. As early as possible in the grant/proposal cycle, a specific grant officer from the Grants & Contracts Administration office staff is assigned to be involved in all aspects of the funding cycle for a particular award, including proposal preparation, award negotiation, monitoring, and reporting. The assignment of a grants officer is made based on the identity of the potential sponsor, i.e., federal, commercial, foundation, and the type of agreement cost reimbursable or fixed price, etc.

Additional Information

For detailed information students should consult the School of Graduate Studies Section of this Catalog or go to the School of Graduate Studies website at: http://graduateschool.und.edu. Address inquiries to the Dean of the School of Graduate Studies, 264 Centennial Drive, Mail Stop 8178, University of North Dakota, Grand Forks, ND 58202; Telephone (701) 777-2784; or 1-800-CALL-UND; or email at: gradschool@mail.und.edu.

Graduate Programs

The School of Graduate Studies offers programs of study leading to the doctoral degree in 26 fields. Fifty-four fields offer work leading to the master's degree. Many combinations of major and minor or cognate work are available for the degrees mentioned above. Thesis and non-thesis programs are available. Graduate certificate programs are also available in several areas.

For information on graduate courses, prospective students should refer to the departmental statements in other parts of this Catalog. Updates may also be available on the School of Graduate Studies web site. Courses with 500 and 900 series numbers are graduate courses and are normally open only to graduate students. Only courses listed in the School of Graduate Studies section of this catalog carry graduate credit. Courses numbered over 300 in the Undergraduate section of this Catalog may, in certain instances, be included in a cognate area. Exceptions may apply to language courses where lower level courses may be allowed for a cognate.

Graduate Degree Programs

The following graduate degree and certificate programs are offered through the UND School of Graduate Studies. Updates to this list may be found on the UND School of Graduate Studies website.

Program	Degrees Available
Aerospace Sciences	Doctor of Philosophy (Ph.D.)
Anatomy and Cell Biology	Master of Science (M.S.), Doctor of Philosophy (Ph.D.), M.D./Ph.D. Combined Program
Art and Design (Visual Arts)	Master of Fine Arts (M.F.A.)
Atmospheric Sciences	Master of Sciences (M.S.), Doctor of Philosophy (Ph.D.)
Aviation	Master of Sciences (M.S.)
Biochemistry and Molecular Biology	Master of Science (M.S.), Doctor of Philosophy (Ph.D.), M.D./Ph.D. Combined Program
Biology	Master of Sciences (M.S.), Doctor of Philosophy (Ph.D.)
Business Administration	Master of Business Administration (M.B.A.), Joint M.B.A./J.D. Program
Chemistry	Master of Sciences (M.S.), B.S./M.S. Combined Program, Doctor of Philosophy (Ph.D.)
Communication	Master of Arts (M.A,)
Communication and Public Discourse	Doctor of Philosophy (Ph.D.)
Communication Sciences and Disorders	Master of Sciences (M.S.), Doctor of Philosophy (Ph.D.)
Computer Sciences	Master of Sciences (M.S.), B.S./M.S. Combined Program
Scientific Computing	Doctor of Philosophy (Ph.D.)

Counseling	Master of Arts (M.A.), B.A./M.A. Combined Degree
Counseling Psychology	Doctor of Philosophy (Ph.D.)
Criminal Justice	Doctor of Philosophy (Ph.D.)
Earth System Science and Policy	Master of Science (M.S.), Master of Environmental Management (M.E.M.), Doctor of Philosophy (Ph.D.)
Economics (Applied Economics)	Master of Science in Applied Economics (M.S.A.E.)
Education	
Educational Foundations	Doctor of Philosophy (Ph.D.)
Educational Leadership	Master of Science (M.S., Master of Education (M.Ed.), Doctor of Education (Ed.D.), Doctor of Philosophy (Ph.D.), Specialist Diploma (Spec.Dip)
Teaching and Learning	Doctor of Education (Ed.D.), Doctor of Philosophy (Ph.D.)
Early Childhood Education	Master of Science (M.S.)
Elementary Education	Master of Science (M.S.), Master of Education (M.Ed.)
English Language Learners	Master of Education (M.Ed.)
Education: General Studies	Master of Science (M.S.)
Higher Education	Master of Science (M.S.), Doctor of Education (Ed.D.), Doctor of Philosophy (Ph.D.)
Reading Education	Master of Science (M.S.), Master of Education (M.Ed.)
Special Education	Master of Science (M.S.), Master of Education (M.Ed.)
Instructional Design and Technology	Master of Science (M.S.), Master of Education (M.Ed.)
Engineering	
Chemical Engineering	Master of Science (M.S.), Master of Engineering (M.Engr.), B.S./M.S.;B.S./M.Engr. Combined Program, Doctor of Philosophy (Ph.D.)
Civil Engineering	Master of Science (M.S.), Master of Engineering (M.Engr.), B.S./M.S.;B.S./M.Engr. Combined Program
Electrical Engineering	Master of Science (M.S.), Master of Engineering (M.Engr.), B.S./M.S.;B.S./M.Engr. Combined Program
Environmental Engineering	Master of Science (M.S.), Master of Engineering (M.Engr.)
Geological Engineering	Master of Science (M.S.)
Mechanical Engineering	Master of Science (M.S.), Master of Engineering (M.Engr.), B.S./M.S.;B.S./M.Engr. Combined Program
Sustainable Energy Engineering	Master of Science (M.S.), Master of Engineering (M.Engr.)
English Language and Literature	Master of Arts (M.A.), Doctor of Philosophy (Ph.D.)
Geography	Master of Science (M.S.), Master of Arts (M.A.)
Geology	Science (M.S.), Master of Arts (M.A.), Doctor of Philosophy (Ph.D.)
History	Science (M.S.), Master of Arts (M.A.), Doctor of Philosophy (Ph.D.)
Kinesiology	Master of Science (M.S.)
Linguistics	Master of Arts (M.A.)
Mathematics	Master of Science (M.S.), Master of Education (M.Ed.)
Medical Laboratory Science	Master of Science (M.S.)
Microbiology and Immunology	Master of Science (M.S.), Doctor of Philosophy (Ph.D.), M.D./Ph.D. Combined Program
Music	Master of Music (M.M.)
Music Education	Doctor of Education (Ph.D.)

Nursing and Professional Disiplines	
Doctoral Programs	Doctor of Nursing Practice (D.N.P.), Doctor of Philosophy (Ph.D.)
Advanced Public Health Nursing	Master of Science (M.S.)
Adult-Gerontology Nursing (CNS or NP)	Master of Science (M.S.)
Family Nurse Practioner	Master of Science (M.S.)
Nurse Anesthesia	Master of Science (M.S.)
Nurse Educator	Master of Science (M.S.)
Psychiatric Mental Health Nursing (CNS or NP)	Master of Science (M.S.)
Occupational Therapy	Master of Occupational Therapy (M.O.T.)
Pharmacology, Physiology, and Therapeutics	Master of Science (M.S.), Doctor of Philosophy (Ph.D.), M.D./Ph.D. Combined Program
Physical Therapy	Doctor of Physical Therapy (D.P.T.)
Physician Assistant Studies	Master of Physician Assistant Studies (M.P.A.S.)
Physics and Astrophysics	Master of Science (M.S.), Doctor of Philosophy (Ph.D.)
Psychology	
Clinical Psychology	Doctor of Philosophy (Ph.D.)
Forensic Psychology	Master of Science (M.S.), Master of Arts (M.A.)
General/Experimental Psychology	Master of Arts (M.A.), Doctor of Philosophy (Ph.D.)
Public Administration	Master of Public Administration (M.P.A.), Joint M.P.A./J.D. Program
Public Health	Master of Public Health (M.P.H.)
Social Work	Master of Social Work (M.S.W.)
Sociology	Master of Arts (M.A.)
Space Studies	Master of Science (M.S.)
Speech-Language Pathology	See Commincation Sciences and Disorders
Technology	Master of Science (M.S.)
Theatre Arts	Master of Arts (M.A.)

Post Master's Certificate Programs

Program	Certificate
Education	
	Certificate for Austism Spectrum Disorders
	Certificate in College Training
	Certificate in ELL Education
Instructional Design and Technology	
	Certificate in K-12 Technology Integration
	Certificate in eLearning
	Certificate in Corporate Training and Performance
Engineering	
	Certificate in Environmental Engineering
Geography	
	Certificate in Geographic Information Science
Linguistics	
	Certificate in Community Based Literacy as Applied Linguistics
Nursing	
	Certificate in Advanced Public Health Nurse
	Certificate in Family Nurse Practitioner
	Certificate in Nurse Anesthesia

	Certificate in Nurse Educator
	Certificate in Psychiatric Mental Health Nurse Practitioner
	Certificate in Psychiatric Mental Health Clinical Nurse Specialist
Public Administration	
	Certificate in Health Administration
	Certificate in Public Administration
	Certificate in Policy Analysis
	Certificate in Social Entrepreneurship