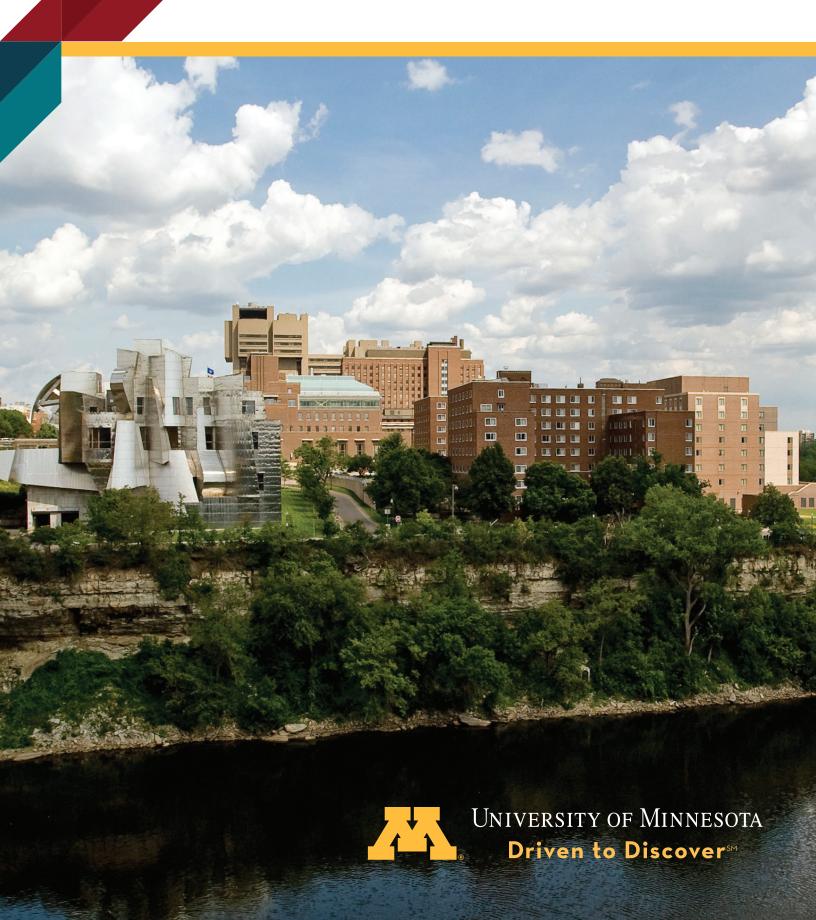# Graduate & Professional Programs

UNIVERSITY OF MINNESOTA

Driven to Discover℠

Graduate & Professional Programs

Our students enjoy an unmatched breadth, depth and caliber of opportunity for interdisciplinary study, community impact, practical application & compelling scholarship.

A Premier Research Institution

As one of the most comprehensive research universities in the United States – and Minnesota's only research institution – the University of Minnesota offers over 200 distinct graduate and professional programs at our main Twin Cities campus, in the Lake Superior port city of Duluth, and in Rochester which is home to the world-renowned Mayo Clinic.

Award-Winning Faculty

Our 3,800 faculty include members of the National Academy of Sciences, the National Academy of Engineering, and the Institute of Medicine, plus the American Academy of Arts and Sciences, among other bodies.

Current and former faculty have won Guggenheim Fellowships, MacArthur Fellowships ("genius grants"), Nobel Prizes, and other significant honors.

Exceptional Students

The University of Minnesota attracts outstanding graduate students from all across the country and all over the world, forming a student body with diverse backgrounds, experiences and perspectives.

When they earn their degrees, our graduates are uniquely positioned to collaborate, communicate, ask questions, solve complex societal problems, and lead the development of future knowledge as they enter careers inside or outside academia.

TWIN CITIES & ROCHESTER CAMPUSES

Academic Health Center
Occupational Therapy MOT

Carlson School of Management
Accountancy M.Acc.
Business Administration MBA | PhD
Business Analytics MS
Business Research MS
Business Taxation MBT
Doctor of Business Administration DBA
Finance MS
Human Resources & Industrial Relations MA
Supply Chain Management MS

College of Biological Sciences
Ecology, Evolution and Behavior MS | PhD
Microbial Engineering MS
Plant & Microbial Biology MS | PhD

College of Continuing Education
Addiction Counseling MPS
Arts and Cultural Leadership MPS
Biological Sciences MBS
Horticulture MPS
Integrated Behavioral Health MPS

College of Design
Architecture MArch | MS
Design MA | MFA | MS | PhD
Heritage Studies and Public History MHSPH
Human Factors and Ergonomics MS | PhD
Landscape Architecture MLA | MS

College of Education & Human Development
Adult Education Med | Postbaccalaureate Certificate

Applied Child and Adolescent Development MA
Child Psychology MA | PhD
Curriculum and Instruction MEd
Early Childhood Education MEd
Education, Curriculum and Instruction MA | PhD
Educational Psychology MA | PhD
Family Education MEd
Family Social Science MA | PhD
Family Social Science - Prevention Science Plan A, Plan B | MA
Human Resource Development MEd | Postbaccalaureate Certificate
Kinesiology MS | PhD
Leadership in Education MEd
Literacy Education MEd
Multicultural College Teaching and Learning MA
Organizational Leadership, Policy, and Development MA | EdD | PhD
Physical Activity and Health MEd

Social Work MSW | PhD
Special Education Initial License MEd
Special Education MEd
Sport and Exercise Science MEd Major
Sport Management MA | MEd
Teaching MEd
Work and Human Resource Education MEd
Youth Development Leadership MEd

College of Food, Agriculture & Natural Resources Sciences

Agricultural Education MS
Animal Sciences MS | PhD
Applied Economics MS | PhD
Applied Plant Sciences MS | PhD
Bioproducts and Biosystems Science, Eng and Mgmt MS | PhD
Conservation Sciences MS | PhD
Conservation Sciences – Wildlife Ecology & Management MS | PhD
Entomology MS | PhD
Food Science MS | PhD
Land and Atmospheric Science MS | PhD
Natural Resources Science and Management MS | PhD
Nutrition MS | PhD
Plant Pathology MS | PhD

College of Liberal Arts

American Studies MA | PhD
Anthropology MA | PhD
Art History MA | PhD
Art MFA
Asian Literatures, Cultures and Media MA | PhD
Asian Studies MA
Audiology AuD
Classical and Near Eastern Studies MA | PhD
Cognitive Science PhD
Communication Studies MA | PhD
Comparative Literature MA | PhD
Comparative Studies in Discourse and Society MA | PhD
Creative Writing MFA
Economics MA | PhD
English MA | PhD
Feminist Studies MA | PhD
French MA | PhD
Geographic Information Science MGIS
Geography MA | PhD
Germanic Studies MA | PhD
Health Communication MA
Hispanic & Lusophone Lit, Cultures and Linguistics MA | PhD
History MA | PhD
Linguistics MA | PhD
Mass Communication MA | PhD
Music DMA | MA | MM | PhD
Philosophy MA | PhD
Political Science MA | PhD
Psychology MA | PhD
Rhetoric, Scientific and Technical Communication MA | PhD
Scientific and Technical Communication MS
Sociology MA | PhD
Speech-Language-Hearing Science MA | PhD
Statistics MS | PhD

Strategic Communication MA
Theatre Arts MA | MFA | PhD

College of Pharmacy

Experimental and Clinical Pharmacology MS | PhD
Medicinal Chemistry MS | PhD
Pharmaceutics MS | PhD
Pharmacy PharmD
Social and Administrative Pharmacy MS | PhD

College of Science & Engineering

Aerospace Engineering and Mechanics MS | PhD
Astrophysics MS | PhD
Biomedical Engineering MS | PhD
Chemical Engineering MChE | MSChE | PhD
Chemical Physics MS | PhD
Chemistry MS | PhD
Civil Engineering MCE | MS | PhD
Computer Science MS | MCS | PhD
Data Science MS
Earth Sciences MS | PhD
Electrical Engineering MSEE | PhD
Environmental Restoration Engineering and Science MS
Financial Mathematics MFM
Geoengineering MGeoE | MS
Industrial and Systems Engineering MSISYE | PhD
Industrial and Systems Engineering - Analytics MSISYE
Infrastructure Systems Management and Engineering MSISME
Management of Technology MSMOT
Materials Science and Engineering MMatSE | MSMatSE | PhD
Mathematics MS | PhD
Mechanical Engineering MSME | PhD
Medical Device Innovation
Physics MS | PhD
Scientific Computation MS | PhD
Security Technologies MSST
Software Engineering MSSE

College of Veterinary Medicine

Comparative and Molecular Biosciences MS | PhD
Veterinary Medicine DVM | MS | PhD

Humphrey School of Public Affairs

Development Practice MDP
Human Rights MHR
Public Affairs MPA | PhD
Public Policy MPP
Science, Technology and Environmental Policy MS
Urban and Regional Planning MURP

Intercollegiate/Interdisciplinary Programs

Biochemistry, Molecular Biology and Biophysics MS | PhD
Bioethics MA
Bioinformatics and Computational Biology MS | PhD
Biophysical Sciences and Medical Physics MS | PhD
Health Informatics MS | PhD

Health Journalism and Communication MA
History of Science, Technology and Medicine MA | PhD
Integrated Biosciences PhD
Integrative Health & Wellbeing Coaching MA
Master of Health Informatics MHI
Molecular, Cellular, Developmental Biology and Genetics MS | PhD
Molecular, Cellular, Developmental Biology and Genetics - Genetic Counseling MS
Water Resources Science MS | PhD

Law School

Business Law LLM
Juridical Science SJD
Law JD | LLM
Master of Science Patent Law
Patent Law LLM

Medical School

Integrative Biology and Physiology PhD
Medical Physics MS | PhD
Medicine MD
Microbiology, Immunology and Cancer Biology MS | PhD
Neuroscience MS | PhD
Otolaryngology PhD Otol
Pharmacology MS | PhD
Physical Therapy DPT
Rehabilitation Science MS | PhD
Stem Cell Biology MS
Surgery MSSurg

School of Dentistry

Dental Hygiene MSDH
Dental Therapy MDT
Dentistry DDS | MS
Oral Biology MS | PhD

School of Nursing

Doctor of Nursing Practice DNP
Master of Nursing MN
Nursing PhD

School of Public Health

Biostatistics MPH | MS | PhD
Clinical Research MS
Community Health Promotion MPH
Environmental Health MPH | MS | PhD
Epidemiology MPH | MS | PhD
Health Care Administration MHA
Health Services Research, Policy and Administration MS | PhD
Maternal and Child Health MPH
Molecular and Systems Toxicology, PhD
Public Health Administration and Policy MPH
Public Health Informatics MPH
Public Health Nutrition MPH
Public Health Practice MPH

The University of Minnesota also offers more than 200 post-baccalaureate certificate programs in addition to the degree programs listed in this brochure. Visit Z.UMN.EDU/PBCERTIFICATES for more information.

DULUTH CAMPUS

College of Education and Human Service Professions

Communication Science and Disorders MA
Education Administration Specialist EdS
Education MEd
Environmental Education MEEd
Psychological Science MA
Social Work MSW
Teaching and Learning EdD

College of Liberal Arts

English MA
Liberal Studies MLibStu
Tribal Administration and Governance MTAG
Tribal Resource and Environmental Stewardship MTRES

Labovitz School of Business and Economics

Business Administration MBA

School of Fine Arts

Music MM

School of Medicine

Medicine MD

Swenson College of Science & Engineering

Applied and Computational Mathematics MS
Chemical Engineering MS | MSChe
Chemistry MS
Civil Engineering MS
Computer Science MS
Electrical Engineering MSEE
Engineering Management MSEM
Environmental Health and Safety MEnvHlthSa
Geological Sciences MS
Integrated Biosciences MS
Master of Engineering MEng
Mechanical Engineering MSME
Physics MS

Tuition & Financial Assistance

Tuition

Tuition at the University of Minnesota varies and is assessed according to your:

- degree or other program registration
- enrollment level
- residency status
- residency in a state or province with a reciprocity agreement

Please visit **http://z.umn.edu/gradtuition** for details on tuition rates for the program(s) in which you are interested.

Assistantships

For graduate students, the most common financial assistance comes through graduate assistantships—teaching or research under the direction of a faculty member. Assistantships are awarded by individual graduate programs. Almost half of all graduate students at the University of Minnesota receive full or partial tuition funding through graduate research or teaching assistantships. These positions also offer competitive salaries and health insurance.

Fellowships

Graduate fellowships, awards based on academic merit, are available to incoming and currently enrolled graduate students at the University of Minnesota. For more information see: **www.grad.umn.edu.**

Program Rankings

Many of the University of Minnesota's programs are ranked among the best in the world by such organizations as the National Research Council, the Center for Measuring University Performance, U.S. News & World Report, and the Academic Ranking of World Universities at Shanghai Jiaotong University.

Housing Options

Housing is available for graduate students in residence halls on campus or in off-campus housing in Minneapolis or St. Paul. There are also wonderful housing opportunities for students with families. For more information visit **www.housing.umn.edu.**

Test Scores

Many, but not all, graduate and professional programs at the University require standardized tests like the GRE, GMAT, LSAT, etc. Please check to see if your program requires a test.

An exam such as TOEFL or IELTS may be required of international applicants in order to satisfy the University's English proficiency policy for admission to a graduate program. More information about English requirements is available here: **https://www.grad.umn.edu/admissions-application-instructions/toefl**

Diversity in Graduate Education

Diversity is a driving force and necessary condition for academic excellence. The Graduate School Diversity Office (GSDO) coordinates and leads the University's initiatives in the recruitment, funding, retention and graduation of graduate students who are underrepresented in higher education. Our goal is to create a welcoming academic environment in which all graduate students are positioned to succeed in the advancement and creation of new knowledge.

Application Guidelines

Many departments have deadlines as early as December 1 for the following fall semester. To apply for graduate admission or learn about specific deadlines, requirements, and instructions for your program of interest, please visit the program's website.

Application checklist for graduate students

Revised: October 2018

☐ Apply for admission using the online application form.

☐ Upload your academic transcripts and other required materials directly to the application.

☐ Pay the application fee: $75 for U.S. applicants and permanent residents; $95 for international applicants

Application deadlines vary by program, so please check with your program to confirm deadlines. The most popular deadlines are in December and January. Most programs also require letters of recommendation, statements, test scores (such as GRE), and English language proficiency test scores for international applicants.

To request information: Z.UMN.EDU/GRADINFO