



# Graduate & Professional Programs



UNIVERSITY OF MINNESOTA  
**Driven to Discover<sup>SM</sup>**



# 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

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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](https://www.z.umn.edu/pbcertificates) for more information.

## DULUTH CAMPUS

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### College of Education and Human Service Professions

Communication Science and Disorders MA  
Education Administration Specialist EdS  
Education MEd  
Environmental Education MEEEd  
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

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### 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](http://www.grad.umn.edu).

## Program Rankings

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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

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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](http://www.housing.umn.edu).

## Test Scores

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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

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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

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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

- 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.*