Graduate Programs

The University of Texas at Dallas offers graduate programs across its eight schools. Students may view semester class schedules, class syllabi, and faculty vitae at coursebook.utdallas.edu.

- School of Arts and Humanities
- School of Arts, Technology, and Emerging Communication
- School of Behavioral and Brain Sciences
- School of Economic, Political and Policy Sciences
- Erik Jonsson School of Engineering and Computer Science
- School of Interdisciplinary Studies
- Naveen Jindal School of Management
- School of Natural Science and Mathematics

School of Arts and Humanities

Masters Programs

- Master of Arts in Art History (36 semester credit hours minimum)
- Master of Arts in History (36 semester credit hours minimum)
- Master of Arts in History of Ideas (33 semester credit hours minimum)
- Master of Arts in Humanities (33 semester credit hours minimum)
- Master of Arts in Latin American Studies (36 semester credit hours minimum)
- Master of Arts in Literature (33 semester credit hours minimum)
- Master of Arts in Visual and Performing Arts (33 semester credit hours minimum)

Doctoral Programs

- Doctor of Philosophy in History of Ideas (60 semester credit hours minimum)
- Doctor of Philosophy in Humanities (60 semester credit hours minimum)
- Doctor of Philosophy in Literature (60 semester credit hours minimum)
- Doctor of Philosophy in Visual and Performing Arts (60 semester credit hours minimum)

Certificates Offered

- Certificate in Creative Writing (12 semester credit hours)
- Certificate in Holocaust, Genocide, and Human Rights Studies (15 semester credit hours)
• **Certificate in Literary Translation** (12 semester credit hours)

### School of Arts, Technology, and Emerging Communication

#### Masters Programs

**Master of Arts in Arts, Technology, and Emerging Communication** (36 semester credit hours minimum)

- MA in Arts, Technology, and Emerging Communication - Interaction Design Pathway
- MA in Arts, Technology, and Emerging Communication - Emerging Media Studies Pathway

#### Master of Fine Arts Programs

**Master of Fine Arts in Arts, Technology, and Emerging Communication** (54 semester credit hours minimum)

- MFA in Arts, Technology, and Emerging Communication - Animation Pathway
- MFA in Arts, Technology, and Emerging Communication: Creative Practice Pathway
- MFA in Arts, Technology, and Emerging Communication - Game Development Pathway

#### Doctoral Programs

**Doctor of Philosophy in Arts, Technology, and Emerging Communication** (60 semester credit hours minimum)

### School of Behavioral and Brain Sciences

#### Masters Programs

**Master of Science in Applied Cognition and Neuroscience** (36 semester credit hours minimum)

**Master of Science in Speech-Language Pathology** (48 semester credit hours minimum)

**Master of Science in Human Development and Early Childhood Disorders** (42 semester credit hours minimum)

**Master of Science in Psychology** (36 semester credit hours minimum)

#### Doctoral Programs

**Doctor of Audiology** (100 semester credit hours)

**Doctor of Philosophy in Cognition and Neuroscience** (75 semester credit hours minimum beyond the baccalaureate degree)

**Doctor of Philosophy in Speech, Language and Hearing Sciences** (75 semester credit hours minimum beyond the baccalaureate degree)
Doctor of Philosophy in Psychology (75 semester credit hours minimum beyond the baccalaureate degree)

School of Economic, Political and Policy Sciences

Masters Programs

Master of Science in Applied Sociology (36 semester credit hours minimum)
Master of Science in Criminology (36 semester credit hours minimum)
Master of Science in Economics (36 semester credit hours minimum)
Master of Science in Cyber Security, Technology and Policy (36 semester credit hours minimum)
Master of Science in Geospatial Information Sciences (36 semester credit hours minimum)
Master of Science in International Political Economy (36 semester credit hours minimum)
Master of Science in International Political Economy Dual Degree (36 semester credit hours minimum)
Master of Arts in Political Science (30 semester credit hours minimum)
  • MA in Political Science - Law and Courts Concentration
  • MA in Political Science - Legislative Studies Concentration
Master of Public Affairs (36 semester credit hours minimum)
Master of Public Policy (36 semester credit hours minimum)
Master of Science in Social Data Analytics and Research (36 semester credit hours minimum)
Executive Master of Science in Justice Administration and Leadership (30 semester credit hours minimum)

Doctoral Programs

Doctor of Philosophy in Criminology (75 semester credit hours minimum beyond the baccalaureate degree)
Doctor of Philosophy in Economics (75 semester credit hours minimum beyond the baccalaureate degree)
Doctor of Philosophy in Geospatial Information Sciences (75 semester credit hours minimum beyond the baccalaureate degree)
Doctor of Philosophy in Political Science (75 semester credit hours minimum beyond the baccalaureate degree)
Doctor of Philosophy in Public Affairs (54 semester credit hours minimum beyond the baccalaureate degree)
Doctor of Philosophy in Public Policy and Political Economy (75 semester credit hours minimum beyond the baccalaureate degree)
Certificates Offered

- **Certificate in Economic and Demographic Data Analysis** (15 semester credit hours)
- **Certificate in Geographic Information Systems (GIS)** (15 semester credit hours)
- **Certificate in Geospatial Intelligence (GeoInt)** (15 semester credit hours)
- **Certificate in Local Government Management** (12 semester credit hours)
- **Certificate in Nonprofit Management** (12 semester credit hours)
- **Certificate in Program Evaluation** (15 semester credit hours)
- **Certificate in Public Budgeting and Financial Management** (12 semester credit hours)
- **Certificate in Public Human Resources Management** (12 semester credit hours)
- **Certificate in Remote Sensing** (15 semester credit hours)

3. Program jointly offered by the School of Economic, Political and Policy Sciences and School of Natural Sciences and Mathematics.

4. Program jointly offered by the School of Economic, Political and Policy Sciences, Erik Jonsson School of Engineering and Computer Science, and School of Natural Sciences and Mathematics.

### Erik Jonsson School of Engineering and Computer Science

#### Masters Programs

- **Master of Science in Biomedical Engineering** (33 semester credit hours minimum)
- **Master of Science in Computer Engineering** (30 semester credit hours minimum)
- **Master of Science in Computer Science** (33 semester credit hours minimum)
- **Master of Science in Electrical Engineering** (30 semester credit hours minimum)
- **Master of Science in Materials Science and Engineering** (33 semester credit hours minimum)
- **Master of Science in Mechanical Engineering** (33 semester credit hours minimum)
- **Master of Science in Software Engineering** (33 semester credit hours minimum)
- **Master of Science in Systems Engineering and Management** (36 semester credit hours minimum)
- **Master of Science in Telecommunications Engineering** (30 semester credit hours minimum)

#### Doctoral Programs

- **Doctor of Philosophy in Biomedical Engineering** (75 semester credit hours beyond the baccalaureate degree)
- **Doctor of Philosophy in Computer Engineering** (75 semester credit hours beyond the baccalaureate degree)

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https://catalog.utdallas.edu/2021/graduate/programs (2021-08-21 07:00:44)
Doctor of Philosophy in Computer Science (75 semester credit hours beyond the baccalaureate degree)

Doctor of Philosophy in Electrical Engineering (75 semester credit hours beyond the baccalaureate degree)

Doctor of Philosophy in Geospatial Information Sciences (75 semester credit hours beyond the baccalaureate degree)

Doctor of Philosophy in Materials Science and Engineering (75 semester credit hours beyond the baccalaureate degree)

Doctor of Philosophy in Mechanical Engineering (78 semester credit hours beyond the baccalaureate degree)

Doctor of Philosophy in Software Engineering (75 semester credit hours beyond the baccalaureate degree)

Doctor of Philosophy in Telecommunications Engineering (75 semester credit hours beyond the baccalaureate degree)

Certificates Offered

- Certificate in Cybersecurity Systems (12 semester credit hours)
- Certificate in Information Assurance (15 semester credit hours)
- Certificate in Systems Engineering (12 semester credit hours)
- Certificate in Systems Management (12 semester credit hours)

5. Program offered jointly by the Erik Jonsson School of Engineering and Computer Science and the Naveen Jindal School of Management.

6. Program jointly offered by the School of Economic, Political and Policy Sciences, Erik Jonsson School of Engineering and Computer Science, and School of Natural Sciences and Mathematics.

School of Interdisciplinary Studies

Masters Programs

Master of Arts in Interdisciplinary Studies (36 semester credit hours minimum)

Certificates Offered

- Post-Baccalaureate Program for Teacher Certification
- Teacher Education Certification

Naveen Jindal School of Management

Masters Programs
Master of Science in Accounting (36 semester credit hours minimum)

Master of Business Administration (53 semester credit hours minimum)

Master of Science in Business Analytics (STEM) (36 semester credit hours minimum)

Master of Science in Energy Management (STEM) (36 semester credit hours minimum)

Master of Science in Finance (36 semester credit hours minimum)

Master of Science in Financial Technology and Analytics (STEM) (36 semester credit hours minimum)

Master of Science in Healthcare Leadership and Management (36 semester credit hours minimum)

Master of Science in Information Technology and Management (STEM) (36 semester credit hours minimum)

Master of Science in Innovation and Entrepreneurship (36 semester credit hours minimum)

Master of Science in International Management Studies (36 semester credit hours minimum)

Master of Science in Management Science (STEM) (36 semester credit hours minimum)

Master of Science in Marketing (36 semester credit hours minimum)

Master of Science in Supply Chain Management (STEM) (36 semester credit hours minimum)

Master of Science in Systems Engineering and Management (STEM) (36 semester credit hours minimum)

Doctoral Programs

Doctor of Philosophy in International Management Studies (75 semester credit hours minimum beyond the baccalaureate degree)

Doctor of Philosophy in Management Science (STEM) (75 semester credit hours minimum beyond the baccalaureate degree)

Executive Education

Executive Education Programs

Certificates Offered

- Certificate in Applied Machine Learning (12 semester credit hours minimum)
- Certificate in Business Intelligence and Data Mining (12 semester credit hours minimum)
- Certificate in Corporate Innovation (9 semester credit hours minimum)
- Certificate in Cybersecurity Systems (12 semester credit hours minimum)
- Certificate in Enterprise Systems (9 semester credit hours minimum)
- Certificate in Executive and Professional Coaching (15 semester credit hours minimum)
- Certificate in Fintech (15 semester credit hours minimum)
- Certificate in Financial Data Science (15 semester credit hours minimum)
• Certificate in Healthcare Information Technology (9 semester credit hours minimum)
• Certificate in Lean Six Sigma (Yellow/Green) in Healthcare Quality (12 semester credit hours minimum)
• Certificate in New Venture Entrepreneurship (9 semester credit hours minimum)
• Certificate in Product Lifecycle and Supply Chain Management (15 semester credit hours minimum)
• Certificate in Project Management (12 semester credit hours minimum)
• Certificate in Research Foundations in Accounting (15 semester credit hours minimum)
• Certificate in Systems Engineering (12 semester credit hours minimum)
• Certificate in Systems Management (12 semester credit hours minimum)

7. Program offered jointly by the Erik Jonsson School of Engineering and Computer Science and the Naveen Jindal School of Management.

School of Natural Science and Mathematics

Biological Sciences

Master of Science in Bioinformatics and Computational Biology (36 semester credit hours minimum)
Master of Science in Biotechnology (36 semester credit hours minimum)
Master of Science in Molecular and Cell Biology (36 semester credit hours minimum)
Doctor of Philosophy in Molecular and Cell Biology (75 semester credit hours minimum beyond the baccalaureate degree)

Chemistry and Biochemistry

Master of Science in Chemistry (30 semester credit hours minimum)
Doctor of Philosophy in Chemistry (75 semester credit hours minimum beyond the baccalaureate degree)

Geosciences

Master of Science in Geosciences (36 semester credit hours minimum)
Master of Science in Geospatial Information Sciences (36 semester credit hours minimum)\(^1\)
Doctor of Philosophy in Geosciences (75 semester credit hours minimum beyond the baccalaureate degree)
Doctor of Philosophy in Geospatial Information Sciences (75 semester credit hours minimum beyond the baccalaureate degree)\(^2\)

Mathematical Sciences

Master of Science in Actuarial Science (36 semester credit hours minimum)
Master of Science in Bioinformatics and Computational Biology (36 semester credit hours minimum)

Master of Science in Mathematics (36 semester credit hours minimum)
  • MS in Mathematics - Specialization in Applied Mathematics
  • MS in Mathematics - Specialization in Engineering Mathematics
  • MS in Mathematics - Specialization in Mathematics
  • MS in Mathematics - Specialization in Data Science

Master of Science in Statistics (36 semester credit hours minimum)
  • MS in Statistics - Specialization in Statistics
  • MS in Statistics - Specialization in Applied Statistics
  • MS in Statistics - Specialization in Data Science

Doctor of Philosophy in Mathematics (75 semester credit hours minimum beyond the baccalaureate degree)

Doctor of Philosophy in Statistics (75 semester credit hours beyond the baccalaureate degree)

Physics

Master of Science in Physics (30 semester credit hours minimum)

Doctor of Philosophy in Physics (75 semester credit hours minimum beyond the baccalaureate degree)

Science and Mathematics Education

Master of Arts in Teaching in Science Education (36 semester credit hours minimum)

Master of Arts in Teaching in Mathematics Education (36 semester credit hours minimum)

Interdisciplinary Studies

Master of Science in Bioinformatics and Computational Biology (36 semester credit hours minimum)

Master of Science in Geospatial Information Sciences (30 semester credit hours minimum)

Doctor of Philosophy in Geospatial Information Sciences (75 semester credit hours minimum beyond the baccalaureate degree)

Certificates Offered
  • Certificate in Data Science (12 semester credit hours)

1. Program jointly offered by the School of Economic, Political and Policy Sciences and School of Natural Sciences and Mathematics.
2. Program jointly offered by the School of Economic, Political and Policy Sciences, Erik Jonsson School of Engineering and Computer Science, and School of Natural Sciences and Mathematics.