6. Graduate Program Requirements and Course Descriptions

College of Architecture, Construction and Planning

- Master of Science in Urban and Regional Planning ([link](http://catalog.utsa.edu/graduate/architecture/#degreestext))
- Graduate Certificate in Urban and Regional Planning ([link](http://catalog.utsa.edu/graduate/architecture/#certificatestext))

Department of Architecture

- Master of Architecture ([link](http://catalog.utsa.edu/graduate/architecture/architecture/#degreestext)) – ([link](http://catalog.utsa.edu/graduate/architecture/architecture/#degreestext)) The Professional Program ([link](http://catalog.utsa.edu/graduate/architecture/architecture/#degreestext))
- Master of Science in Architecture – The Research Program ([link](http://catalog.utsa.edu/graduate/architecture/architecture/#degreestext))
- Graduate Certificate in Historic Preservation ([link](http://catalog.utsa.edu/graduate/architecture/architecture/#certificatestext))

College of Business

- Executive Master of Business Administration ([link](http://catalog.utsa.edu/graduate/business/#degreestext))
- Master of Business Administration ([link](http://catalog.utsa.edu/graduate/business/#degreestext))
- Dual Master of Business Administration and Master of Public Health ([link](http://catalog.utsa.edu/graduate/business/#degreestext))
- Master of Science in Business ([link](http://catalog.utsa.edu/graduate/business/#degreestext))
- Master of Science in Data Analytics ([link](http://catalog.utsa.edu/graduate/business/#degreestext))
- Doctor of Philosophy in Business Administration ([link](http://catalog.utsa.edu/graduate/business/#degreestext))
- Graduate Certificate in the Business of Health ([link](http://catalog.utsa.edu/graduate/business/#certificatestext))

Department of Accounting

- Five-Year (150-Hour) Professional Accounting Program ([link](http://catalog.utsa.edu/graduate/business/accounting/#degreestext))
- Master of Accountancy Degree ([link](http://catalog.utsa.edu/graduate/business/accounting/#degreestext))
- Doctor of Philosophy in Business Administration with an Emphasis in Accounting ([link](http://catalog.utsa.edu/graduate/business/accounting/#degreestext))

Department of Economics

- Master of Arts in Economics – General Economics Concentration ([link](http://catalog.utsa.edu/graduate/business/economics/#degreestext))
- Master of Arts in Economics – Financial Economics Concentration ([link](http://catalog.utsa.edu/graduate/business/economics/#degreestext))

- Master of Arts in Economics – Business Data Analysis and Forecasting Concentration ([link](http://catalog.utsa.edu/graduate/business/economics/#degreestext))

Department of Finance

- Master of Science in Finance ([link](http://catalog.utsa.edu/graduate/business/finance/#degreestext))
- Master of Science in Finance – Real Estate Finance and Development Concentration ([link](http://catalog.utsa.edu/graduate/business/finance/#degreestext))
- Doctor of Philosophy in Business Administration with an Emphasis in Finance ([link](http://catalog.utsa.edu/graduate/business/finance/#degreestext))
- Graduate Certificate in Real Estate Finance ([link](http://catalog.utsa.edu/graduate/business/finance/#certificatestext))

Department of Information Systems and Cyber Security

- Master of Science in Information Technology ([link](http://catalog.utsa.edu/graduate/business/informationsystemscybersecurity/#degreestext))
- Master of Science in Information Technology – Cyber Security Concentration ([link](http://catalog.utsa.edu/graduate/business/informationsystemscybersecurity/#degreestext))
- Master of Science in Management of Technology ([link](http://catalog.utsa.edu/graduate/business/informationsystemscybersecurity/#degreestext))
- Doctor of Philosophy in Business Administration with an Emphasis in Information Technology ([link](http://catalog.utsa.edu/graduate/business/informationsystemscybersecurity/#degreestext))
- Graduate Certificate in Technology Entrepreneurship and Management ([link](http://catalog.utsa.edu/graduate/business/informationsystemscybersecurity/#certificatestext))

Department of Management

- Doctor of Philosophy in Business Administration with an Emphasis in Organization and Management Studies ([link](http://catalog.utsa.edu/graduate/business/management/#degreestext))

Department of Management Science and Statistics

- Master of Science in Applied Statistics ([link](http://catalog.utsa.edu/graduate/business/managementsciencestatistics/#degreestext))
- Doctor of Philosophy in Applied Statistics ([link](http://catalog.utsa.edu/graduate/business/managementsciencestatistics/#degreestext))
- Graduate Certificate in Operations and Supply Chain Management ([link](http://catalog.utsa.edu/graduate/business/managementsciencestatistics/#certificatestext))

Department of Marketing

- Doctor of Philosophy in Business Administration with an Emphasis in Marketing ([link](http://catalog.utsa.edu/graduate/business/marketing/#degreestext))

College of Education and Human Development

Department of Bicultural-Bilingual Studies

- Master of Arts in Bicultural-Bilingual Studies ([link](http://catalog.utsa.edu/graduate/educationhumandevelopment/biculturalbilingualstudies/#degreestext))
- Master of Arts in Teaching English as a Second Language ([link](http://catalog.utsa.edu/graduate/educationhumandevelopment/biculturalbilingualstudies/#degreestext))
6. Graduate Program Requirements and Course Descriptions

- Doctor of Philosophy in Culture, Literacy and Language (http://catalog.utsa.edu/graduate/educationhumandevelopment/interdisciplinarylearningteaching/biculturalbilingualstudies/#degreestext)
- Graduate Certificate in Bilingual Reading Specialist (http://catalog.utsa.edu/graduate/educationhumandevelopment/biculturalbilingualstudies/#certificatestext)
- Graduate Certificate in Teaching English as a Second Language (http://catalog.utsa.edu/graduate/educationhumandevelopment/biculturalbilingualstudies/#certificatestext)

Department of Counseling
- Master of Science in Clinical Mental Health Counseling (http://catalog.utsa.edu/graduate/educationhumandevelopment/counseling/#degreestext)
- Master of Education in School Counseling (http://catalog.utsa.edu/graduate/educationhumandevelopment/counseling/#degreestext)
- Doctor of Philosophy in Counselor Education and Supervision (http://catalog.utsa.edu/graduate/educationhumandevelopment/counseling/#degreestext)
- Graduate Certificate in Bilingual Counseling (http://catalog.utsa.edu/graduate/educationhumandevelopment/counseling/#certificatestext)

Department of Educational Leadership and Policy Studies
- Master of Education in Educational Leadership and Policy Studies (http://catalog.utsa.edu/graduate/educationhumandevelopment/educationalleadershippolicystudies/#degreestext)
- Doctor of Education in Educational Leadership (http://catalog.utsa.edu/graduate/educationhumandevelopment/educationalleadershippolicystudies/#degreestext)
- Graduate Certificate in Higher Education Administration (http://catalog.utsa.edu/graduate/educationhumandevelopment/educationalleadershippolicystudies/#certificatestext)

Department of Educational Psychology
- Master of Arts in Educational Psychology (http://catalog.utsa.edu/graduate/educationhumandevelopment/educationalpsychology/#degreestext)
- Master of Arts in School Psychology (http://catalog.utsa.edu/graduate/educationhumandevelopment/educationalpsychology/#degreestext)
- Graduate Certificate in Applied Behavior Analysis (http://catalog.utsa.edu/graduate/educationhumandevelopment/educationalpsychology/#certificatestext)
- Graduate Certificate in Language Acquisition and Bilingual Psychoeducational Assessment (http://catalog.utsa.edu/graduate/educationhumandevelopment/educationalpsychology/#certificatestext)

Department of Interdisciplinary Learning and Teaching
- Master of Arts in Curriculum and Instruction (http://catalog.utsa.edu/graduate/educationhumandevelopment/interdisciplinarylearningteaching/#degreestext)
- Master of Arts in Early Childhood and Elementary Education (http://catalog.utsa.edu/graduate/educationhumandevelopment/interdisciplinarylearningteaching/#degreestext)
- Master of Arts in Education (http://catalog.utsa.edu/graduate/educationhumandevelopment/interdisciplinarylearningteaching/#degreestext)

- Master of Arts in Reading and Literacy (http://catalog.utsa.edu/graduate/educationhumandevelopment/interdisciplinarylearningteaching/#degreestext)
- Master of Arts in Special Education (http://catalog.utsa.edu/graduate/educationhumandevelopment/interdisciplinarylearningteaching/#degreestext)
- Doctor of Philosophy in Interdisciplinary Learning and Teaching (http://catalog.utsa.edu/graduate/educationhumandevelopment/interdisciplinarylearningteaching/#degreestext)
- Graduate Certificate in E-STEM Education (http://catalog.utsa.edu/graduate/educationhumandevelopment/interdisciplinarylearningteaching/#certificatestext)
- Graduate Certificate in I-STEM Education (http://catalog.utsa.edu/graduate/educationhumandevelopment/interdisciplinarylearningteaching/#certificatestext)
- Graduate Certificate in Special Education Advocacy (http://catalog.utsa.edu/graduate/educationhumandevelopment/interdisciplinarylearningteaching/#certificatestext)

Department of Kinesiology, Health, and Nutrition
- Master of Science in Health and Kinesiology (http://catalog.utsa.edu/graduate/educationhumandevelopment/healthkinesiology/#degreestext)
- Master of Dietetics Studies (http://catalog.utsa.edu/graduate/educationhumandevelopment/healthkinesiology/#degreestext)
- Graduate Certificate in Applied Health Research (http://catalog.utsa.edu/graduate/educationhumandevelopment/healthkinesiology/#certificatestext)
- Graduate Certificate in Community Nutrition (http://catalog.utsa.edu/graduate/educationhumandevelopment/healthkinesiology/#certificatestext)
- Graduate Certificate in Health (http://catalog.utsa.edu/graduate/educationhumandevelopment/healthkinesiology/#certificatestext)

College of Engineering
- Graduate Certificate in Cloud Computing (http://catalog.utsa.edu/graduate/engineering/#certificatestext)

Department of Biomedical Engineering
- Master of Science in Biomedical Engineering (http://catalog.utsa.edu/graduate/engineering/biomedicalengineering/#degreestext)
- Doctor of Philosophy in Biomedical Engineering (http://catalog.utsa.edu/graduate/engineering/biomedicalengineering/#degreestext)

Department of Civil and Environmental Engineering
- Master of Civil Engineering (http://catalog.utsa.edu/graduate/engineering/civilenvironmentalengineering/#degreestext)
- Master of Science in Civil Engineering (http://catalog.utsa.edu/graduate/engineering/civilenvironmentalengineering/#degreestext)
- Doctor of Philosophy in Environmental Science and Engineering (http://catalog.utsa.edu/graduate/engineering/civilenvironmentalengineering/#degreestext)

Department of Electrical and Computer Engineering
- Master of Science in Electrical Engineering (http://catalog.utsa.edu/graduate/engineering/electricalcomputerengineering/#degreestext)
- Master of Science in Computer Engineering (http://catalog.utsa.edu/graduate/engineering/electricalcomputerengineering/#degreestext)
6. Graduate Program Requirements and Course Descriptions

• Master of Science in Advanced Materials Engineering (http://catalog.utsa.edu/graduate/engineering/electricalengineering/#degreestext)

• Doctor of Philosophy in Electrical Engineering (http://catalog.utsa.edu/graduate/engineering/electricalengineering/#degreestext)

• Integrated Bachelor's/Master's Program (http://catalog.utsa.edu/graduate/engineering/electricalengineering/intbmsmeelectricalengineering/#)

Department of Mechanical Engineering

• Master of Science in Advanced Manufacturing and Enterprise Engineering (http://catalog.utsa.edu/graduate/engineering/mechanicalengineering/#degreestext)

• Master of Science in Mechanical Engineering (http://catalog.utsa.edu/graduate/engineering/mechanicalengineering/#degreestext)

• Doctor of Philosophy in Mechanical Engineering (http://catalog.utsa.edu/graduate/engineering/mechanicalengineering/#degreestext)

College of Liberal and Fine Arts

Department of Anthropology

• Master of Arts in Anthropology (http://catalog.utsa.edu/graduate/liberalfinearts/anthropology/#degreestext)

• Doctor of Philosophy in Anthropology (http://catalog.utsa.edu/graduate/liberalfinearts/anthropology/#degreestext)

Department of Art and Art History

• Master of Fine Arts in Art (http://catalog.utsa.edu/graduate/liberalfinearts/artandarthistory/#degreestext)

• Master of Arts in Art History (http://catalog.utsa.edu/graduate/liberalfinearts/artandarthistory/#degreestext)

Department of Communication

• Master of Arts in Communication (http://catalog.utsa.edu/graduate/liberalfinearts/communication/#degreestext)

Department of English

• Master of Arts in English (http://catalog.utsa.edu/graduate/liberalfinearts/english/#degreestext)

• Doctor of Philosophy in English (http://catalog.utsa.edu/graduate/liberalfinearts/english/#degreestext)

• Graduate Certificate in Creative Writing (http://catalog.utsa.edu/graduate/liberalfinearts/english/creativewriting/#degreestext)

• Graduate Certificate in Rhetoric and Composition (http://catalog.utsa.edu/graduate/liberalfinearts/english/ rhetoriccomposition/#degreestext)

Department of History

• Master of Arts in History (http://catalog.utsa.edu/graduate/liberalfinearts/history/#degreestext)

Department of Modern Languages and Literatures

• Master of Arts in Spanish (http://catalog.utsa.edu/graduate/liberalfinearts/modernlanguages-literatures/#degreestext)

• Graduate Certificate in Linguistics (http://catalog.utsa.edu/graduate/liberalfinearts/modernlanguages-literatures/#degreestext)

• Graduate Certificate in Spanish Translation Studies (http://catalog.utsa.edu/graduate/liberalfinearts/modernlanguages-literatures/translationstudies/#degreestext)

Department of Music

• Master of Music (http://catalog.utsa.edu/graduate/liberalfinearts/music/#degreestext)

• Graduate Certificate in Instrumental Performance (http://catalog.utsa.edu/graduate/liberalfinearts/music/#degreestext)

• Graduate Certificate in Keyboard Pedagogy (http://catalog.utsa.edu/graduate/liberalfinearts/music/#degreestext)

• Graduate Certificate in Voice Pedagogy (http://catalog.utsa.edu/graduate/liberalfinearts/music/#degreestext)

Department of Philosophy and Classics

• Master of Arts in Philosophy (http://catalog.utsa.edu/graduate/liberalfinearts/philosophy/#degreestext)

Department of Political Science and Geography

• Master of Arts in Geography (http://catalog.utsa.edu/graduate/liberalfinearts/politicalscienceandgeography/#degreestext)

• Master of Arts in Political Science (http://catalog.utsa.edu/graduate/liberalfinearts/politicalscienceandgeography/#degreestext)

Department of Psychology

• Master of Science in Psychology (http://catalog.utsa.edu/graduate/liberalfinearts/psychology/#degreestext)

• Doctor of Philosophy in Psychology (http://catalog.utsa.edu/graduate/liberalfinearts/psychology/#degreestext)

Department of Sociology

• Master of Science in Sociology (http://catalog.utsa.edu/graduate/liberalfinearts/sociology/#degreestext)

College of Public Policy

Department of Criminal Justice

• Master of Science in Criminal Justice and Criminology (http://catalog.utsa.edu/graduate/publicpolicy/criminaljustice/#degreestext)

Department of Demography

• Doctor of Philosophy in Applied Demography (http://catalog.utsa.edu/graduate/publicpolicy/demography/#degreestext)

Department of Public Administration

• Master of Public Administration (http://catalog.utsa.edu/graduate/publicpolicy/publicadministration/#degreestext)

• Graduate Certificate in Nonprofit Administration and Leadership (http://catalog.utsa.edu/graduate/publicpolicy/publicadministration/#degreestext)

Department of Social Work

• Master of Social Work (http://catalog.utsa.edu/graduate/publicpolicy/socialwork/#degreestext)

College of Sciences

Department of Biology

• Master of Science in Biology (http://catalog.utsa.edu/graduate/sciences/biology/#degreestext)

• Master of Science in Biotechnology (http://catalog.utsa.edu/graduate/sciences/biology/#degreestext)

• Doctor of Philosophy in Cell and Molecular Biology (http://catalog.utsa.edu/graduate/sciences/biology/#degreestext)

• Doctor of Philosophy in Neurobiology (http://catalog.utsa.edu/graduate/sciences/biology/#degreestext)
Department of Chemistry
- Master of Science in Chemistry (http://catalog.utsa.edu/graduate/sciences/chemistry/#degreestext)
- Doctor of Philosophy in Chemistry (http://catalog.utsa.edu/graduate/sciences/chemistry/#degreestext)

Department of Computer Science
- Master of Science in Computer Science (http://catalog.utsa.edu/graduate/sciences/computerscience/#degreestext)
- Doctor of Philosophy in Computer Science (http://catalog.utsa.edu/graduate/sciences/computerscience/#degreestext)

Department of Environmental Science
- Master of Science in Environmental Science (http://catalog.utsa.edu/graduate/sciences/env_science/#degreestext)
- Doctor of Philosophy in Environmental Science and Engineering (http://catalog.utsa.edu/graduate/sciences/env_science/#degreestext)
- Graduate Certificate in Environmental Science (http://catalog.utsa.edu/graduate/sciences/env_science/#certificatetext)
- Graduate Certificate in Environmental Sustainability (http://catalog.utsa.edu/graduate/sciences/env_science/#certificatetext)

Department of Geological Sciences
- Master of Science Degree in Geology (http://catalog.utsa.edu/graduate/sciences/geologicalsciences/#degreestext)
- Master of Science in Geoinformatics (http://catalog.utsa.edu/graduate/sciences/geologicalsciences/#degreestext)
- Certificate of Professional Development in Geographic Information Science (http://catalog.utsa.edu/graduate/sciences/geologicalsciences/#certificatestext)

Department of Mathematics
- Master of Science in Applied Mathematics–Industrial Mathematics (http://catalog.utsa.edu/graduate/sciences/mathematics/#degreestext)
- Master of Science in Mathematics (http://catalog.utsa.edu/graduate/sciences/mathematics/#degreestext)
- Master of Science in Mathematics Education (http://catalog.utsa.edu/graduate/sciences/mathematics/#degreestext)

Department of Physics and Astronomy
- Master of Science in Physics (http://catalog.utsa.edu/graduate/sciences/physicsandastronomy/#degreestext)
- Doctor of Philosophy in Physics (http://catalog.utsa.edu/graduate/sciences/physicsandastronomy/#degreestext)

The Graduate School
- Doctor of Philosophy in Translational Science (http://catalog.utsa.edu/graduate/translationalscience)