The MS in Professional Science is a graduate program so we suggest that students apply for admission using the graduate admissions on-line application. Here is the link to the on-line application: http://www.utep.edu/graduate/apply-now/apply-now.html

PROFESSIONAL MASTER'S OF SCIENCE
Allows You to Customize Your Master's Degree
To
Maximize your Marketability

In the 21st Century Economy there is enormous demand for professionals who have a foundation in science. This master's degree allows you to pair your science knowledge with a professional skill. You essentially design your own degree.

The Professional Masters of Science (PSM) was approved in the fall of 2016 and will be offered for the first time in the spring of 2017. It is composed of two graduate certificates. The purpose of the degree was to enhance the marketability of students at the master's level by blending disciplines.

The first certificate consisting of 15-18 hours has to be offered by the College of Science. The second graduate certificate consisting of 15-18 hours can be taken in the College of Science, any other college at UTEP, or outside UTEP in-class or online.

If you are interested in this innovative degree, contact Dr. Nancy Marcus at nancymarcus@utep.edu.

Some Suggested Pairings:

Graduate Certificates in Mathematics and Finance

Graduate Certificates in Biology and Public Health

Graduate Certificates in Chemistry and Forensic Chemistry

Graduate Certificates in Gist and Petroleum

Graduate Certificates in Physics and Science Education

- **First Certificate from College of Science:**

    Link to College of Science Graduate Certificate descriptions:

    http://www.utep.edu/science/student-resources/degree-plans.html

    Big Data Analytics

    Bioinformatics Biology

    Biology

    Chemistry

    Geospatial Information Science and Technology (GIST)

    Applied and Computational Mathematics

    Applied Statistics

    Physics

- **Second Certificate:**
    Certificate from College of Science

    Certificate from another college at UTEP

    Certificate from NMSU

    Online Certificates from any Accredited University

Here are just a few of the offerings:

UTEP Graduate Certificates

College of Business Administration:

Accountancy

Entrepreneurship

College of Education:

Central Office Leadership

Higher Education Endorsement

School Site Leadership

College of Engineering:

Construction Management

Cyber Security

Electric Power and Energy Systems

Innovation and Entrepreneurship

International Manufacturing Engineering

Systems Engineering

College of Health Sciences:

Public Health

Bilingual Speech Language Pathology

Concussion Management Speech Language Pathology

College of Liberal Arts:

Homeland Security

Intelligence and National Security Studies

Leadership Studies

Open Source Intelligence

Teaching English to Speakers of Other Languages

Urban and Regional Planning

Graduate Certificate in Woman's Studies

Bilingual Professional Writing

Technical and Professional Writing

Teaching History

Graduate Certificate in Teaching ESOL

Quantitative Methods in Psychology

Women's and Gender Studies

College of Science:

Biological Sciences (Coming Soon)

Chemistry

Geospatial Information Science and Technology (GIST

Applied Statistics

Applied and Computational Mathematics

Physics

Bioinformatics

Big Data Analytics (planning stage)

School of Nursing:

Nursing Education

Nursing Systems Management

Nurse Practitioner

Comprehensive List of Online Graduate Certificates in Forensic Science;

http://www.guidetoonlineschools.com/degrees/forensic-science?lvl=32#list

Online Graduate Certificates Outside UTEP

American Public University

Online Graduate Certificate in Environmental Hazard Mitigation and Restoration

Online Graduate Certificate in Environmental Risk Assessment

Online Graduate Certificate in Environmental Sustainability

Online graduate Certificate in Environmental Global Management

http://www.apu.apus.edu/lp2/environmental-science

ASU

Online Graduate Certificate in Advanced Analytics in Higher Education

Online Graduate Certificate in Biomimicry

Online Graduate Certificate in Biospecimen Repository Adminsitration

Online Health Care Innovation

Online Science of Health Care Delivery

Online Graduate Certificate in Biomimicry

Online Graduate Certificate in Biospecimen Repository Administration

Online Graduate Certificate in Social Entrepreneurship and Community Development

Graduate Certificate in Intellectual Property

Graduate Certificate in Health Law

Graduate Certificate in Environmental and Sustainability Law

Graduate Certificate in Genomics and Biotechnology

https://sbmi.uth.edu/prospective-students/academics/certificate.htm

Auburn University

Online Graduate Certificate in Educational Leadership

http://www.education.auburn.edu/graduate-degree-cert/educational-leadership-graduate-certificate/

Boston University

Online Graduate Certificate in Big Data Analytics – 16 hours

http://www.bu.edu/online/programs/certificate-programs/data-analytics/

Boston University

Online Graduate Certificate in Health Informatics

https://www.bu.edu/online/programs/certificate-programs/health-informatics/

Colorado State University

Online Graduate Certificate in Healthcare Administration

https://csuglobal.edu/graduate/programs/certificates-completion/healthcare-administration

Online Graduate Certificate in Applied Finance

https://www.online.colostate.edu/certificates/finance/

Columbia University

Online Graduate Certificate in Actuarial Science

http://sps.columbia.edu/certificates/actuarial-science-certificate/courses

Coursera Through the University of San Diego

Online Graduate Certificate in Big Data Analytics – 6 courses

https://www.coursera.org/specializations/big-data?utm_source=gg&utm_medium=sem&campaignid=313639387&adgroupid=20631983107&device=c&keyword=%2Bcertifications%20%2Bin%20%2Bbig%20%2Bdata&matchtype=b&network=g&devicemodel=&adpostion=1t3&creativeid=141006932088&hide_mobile_promo&gclid=CJntyPSP_s8CFQuLaQoduAgNWg

Florida International University

Graduate Certificate in Environmental Studies

https://earthenvironment.fiu.edu/programs/graduate/graduate-certificate-in-environmental-studies/

George Mason University

Graduate Certificate in Actuarial Science

http://math.gmu.edu/graduate/cert-in-actuarial.php

Georgia Southern University

Online Graduate Certificate in Applied Economics

http://cogs.georgiasouthern.edu/admission/certificate-programs/graduate-certificate-in-applied-economics/

Harvard

Online Graduate Certificate in Nanotechnology

https://www.extension.harvard.edu/academics/professional-graduate-certificates/nanotechnology-certificate

Johns Hopkins University

Online Graduate Certificate in the Business of Health Care

http://carey.jhu.edu/academics/certificate-programs/business-of-health-care

Kansas State University

Graduate Certificate in Data Analytics

http://global.k-state.edu/business/analytics/

Lesly University

Online Graduate Certificate in Science in Education

http://online.lesley.edu/online-programs/graduate-certificate-in-science-in-education/

MIT

Online Graduate Certificate n Big Data and Social Analytics

http://getsmarter.mit.edu/big-data-and-social-analytics-course/?utm_source=PPC&utm_medium=adwords_ppc&utm_campaign=MIT_BDSA_aw_usa&gclid=CPSw2L6R_s8CFQEyaQod8sEFJQ

Montana State University

Online Graduate Certificates in Science Teaching

http://eu.montana.edu/nten/certificates/

New Mexico State University

Online Graduate Certificate in Public Health

Online Graduate Certificate in Online Teaching and Learn

Cultural Resource Management

Museum Studies

Public Utility Regulation and Economics (PURE)

Finance

Public Health

New Mexico Tech

Online graduate certificate in Hydrology

https://act.nmt.edu/distance/hydrology/

Penn State

Online Graduate certificate in Earth Science Education

http://www.worldcampus.psu.edu/degrees-and-certificates/earth-science-education-certificate/overview

Penn State

Online Graduate Certificate in Community and Economic Development

http://www.worldcampus.psu.edu/degrees-and-certificates/community-and-economic-development-certificate/overview

Penn State

Online Graduate Certificate in Wind Energy

http://www.worldcampus.psu.edu/degrees-and-certificates/wind-energy-certificate/overview

Regis University

Graduate certification in Applied Environmental Biology

http://www.regis.edu/RC/Academics/Degrees-and-Programs/Certificates-and-Licensures/Certificate-in-Environmental-Biology.aspx

Rice – Graduate Certificates

Graduate Certificate: Leadership

Graduate Certificate: Finance and Accounting

Graduate Certificate: Health Care Management

Graduate Certificate: Negotiations

Graduate Certificate: Strategic Management

Graduate Certificate in Customer-Focused Strategy

Rice University Education Entrepreneurship Program (REEP)

Rutgers

Online Graduate Certificate in Big Data

https://campustechnology.com/articles/2016/02/18/rutgers-launches-online-big-data-certificate-program.aspx

Stanford University

Online Graduate Certification Data Mining and Applications

http://www.gradschools.com/graduate-schools-in-united-states/online/stanford-university/data-mining-and-applications-258815

Stanford University

Online Graduate Certificate Writing in the Sciences online graduate certificate

http://online.stanford.edu/course/writing-in-the-sciences

Stanford University

Online Graduate Certificate in Biotechnology

http://scpd.stanford.edu/public/category/courseCategoryCertificateProfile.do?method=load&certificateId=27309038

Stanford University

Online Graduate Certificate in Data Mining and Applications

http://scpd.stanford.edu/public/category/courseCategoryCertificateProfile.do?method=load&certificateId=1209602

Stanford University

Online Graduate Certificate in Data, Models and Optimization

http://scpd.stanford.edu/public/category/courseCategoryCertificateProfile.do?method=load&certificateId=58063419

Stanford University

Online Graduate Certificate Innovation and Entrepreneurship

http://scpd.stanford.edu/public/category/courseCategoryCertificateProfile.do?method=load&certificateId=14800052

Stanford University

Online Graduate Certificate in Biomedical Engineering: Imaging, Devices and System

Online Graduate Certificate in Communications Systems

Online Graduate Nanotechnology; Design and Manufacturing of Intelligent Systems

Seton Hall University

Online Graduate Certificate in Healthcare Administration

https://www.shu.edu/academics/healthcare-administration-certificate.cfm

Texas A & M

Online Graduate Certificate in Petroleum Geoscience

https://engineering.tamu.edu/petroleum/academics/distance-learning

Texas A & M – Graduate Certificate in Environmental Science

http://www.tamuc.edu/academics/colleges/scienceengineeringagriculture/departments/biologicalEnvironmentalSciences/graduate/certificateEnvScience.aspx

Texas Tech University

Wind Energy (Managerial) Graduate Certificate

Wind Energy (Technical) Graduate Certificate

Women's Studies Graduate Certificate

Agricultural Communication Leadership Graduate Certificate

Agricultural Leadership Graduate Certificate

Crop Protection Graduate Certificate

Fibers and Biopolymers Graduate Certificate

Global Food Security Graduate Certificate

Horticulture Landscape Management Graduate Certificate

Soil Management Graduate Certificate

Digital Design and Fabrication Graduate Certificate

Health Care Facilities Design Graduate Certificate

Historic Preservation Graduate Certificate

Urban and Community Design Graduate Certificate

Book History and Digital Humanities Graduate Certificate

English Language for Academic and Professional Communication Graduate Certificate

Ethics Graduate Certificate

Geographic Information Science and Technology Graduate Certificate

Linguistics Graduate Certificate

Mathematics Graduate Certificate

Medieval and Renaissance Studies Graduate Certificate

Psychological Methods and Analysis Graduate Certificate (pending THECB approval)

Publishing and Editing Graduate Certificate

Strategic Studies Graduate Certificate

Teaching English in International Contexts Graduate Certificate

Teaching Technical Communication Graduate Certificate

Business Analytics Graduate Certificate

Essentials of Business Graduate Certificate

Finance Graduate Certificate

Applied Behavior Analysis Graduate Certificate

Autism Graduate Certificate

College Student Counseling Graduate Certificate

Developmental Literacy Graduate Certificate

Dual Sensory Impairment Graduate Certificate

Higher Education Administration Graduate Certificate

Institutional Research and Institutional Effectiveness (IRIE) Graduate Certificate

Master Mentor Graduate Certificate

Mental Health Counseling Graduate Certificate

Multidisciplinary Science Graduate Certificate

Sensory Impairment and Autism Spectrum Disorders Graduate Certificate

Special Education Transition Graduate Certificate

Teacher Advancement Program (TAP) Connect: Educational Leadership Graduate Certificate

Teacher Advancement Program (TAP) Connect: Literacy Graduate Certificate

Teacher Advancement Program (TAP) Connect: STEM Graduate Certificate

Teacher Leadership Graduate Certificate

Construction Engineering and Management Graduate Certificate

Cybersecurity for Critical Infrastructure Graduate Certificate

Forensic Engineering Graduate Certificate

Software Engineering Graduate Certificate

Addictions and the Family Graduate Certificate

Charitable Financial Planning Graduate Certificate

Gerontology Graduate Certificate

Personal Financial Planning Graduate Certificate

Youth Development Specialist Graduate Certificate

Youth Program Management and Evaluation Graduate Certificate

Art History, Criticism, and Theory Graduate Certificate

Early Music Performance Practice Graduate Certificate

Piano Pedagogy Graduate Certificate

Global Community Health Graduate Certificate

Texas State

Not – Online Graduate certificate in Environmental Interpretation, Water Resource Policy, GIST< and Location Analysis

http://www.geo.txstate.edu/degrees-programs/certificates.html

University of Arizona

Online Graduate Certificate in Health Administration

https://publichealth.arizona.edu/academics/certificates/health-administration

University of Colorado

Not - Online Graduate Certificate in Neurosicence

http://www.colorado.edu/neuroscienceprogram/gradcert.html

University of Colorado Boulder

Graduate certificate in Environment, Policy, and Society

http://www.colorado.edu/envs/certificate-programs

University of Colorado

Graduate Certificate in Environmental Sciences

http://catalog.ucdenver.edu/preview_program.php?catoid=6&poid=1175&returnto=579

University of Colorado

Online Graduate Certificate Information Technology

http://www.usnews.com/education/online-education/university-of-colorado-at-boulder-OCIT0168/computer-information-technology

University of Denver

Graduate Certificate in Environmental Policy

http://universitycollege.du.edu/epm/degree/certificate/environmental-policy-online/degreeid/137

University of Florida

Graduate Certificate in Neuroscience

http://neuroscience.ufl.edu/education/biomedical-neuroscience-certificate-program/

University of Florida

Online Graduate Certificate in Forensic Toxicology

Online Graduate Certificate in Forensic DNA & Serology

Online Graduate Certificate in Forensic Drug Chemistry

Online Graduate Certificate in Clinical Toxiciology

https://sbmi.uth.edu/prospective-students/academics/certificate.htm

University of Florida

Online graduate certificate in Pharmaceutical Chemistry

http://pharmchem.cop.ufl.edu/programs/graduate-certificate/

University of Florida

Online graduate Certificate in Pharmaeconomics

Online Graduate certificate in Biodegradation and Bioemediation

Online graduate certificate in Biomedical Neuroscience

Online graduate certificate in Ecological Restoration

Forensic Death Investigation

Geospatial Analysis

Instructional Design

K-12 Teaching with Technology

Medical Anatomy and Physiology

Medical Entomology

Medical Human Anatomy

Medical Physics

Medical Physiology

Online Teaching and Learning

Pharmaceutical Regulation

Public Health

Soil Ecosystems

Sustainable Land Resource and Nutrient Management

Veterinary Forensic Science

Wetland and Water Resource Management

Wildlife Forensic Science and Conservation

http://distance.ufl.edu/online-certificates/

University of Houston

Online graduate certificate in online Teaching and Learning

Integrating Innovative Technologies in Health Science Education

https://sbmi.uth.edu/prospective-students/academics/certificate.htm

University of Houston

Graduate Certificate in Hydrogeology.

http://www.geosc.uh.edu/graduate/hydrogeology-certification/

University of Houston

Designing and Development Educational Graphics

http://www.uh.edu/distance/degrees-programs/online-certificates/ed-graphics-grad-cert/

University of Houston

Designing and Development Educational Multimedia

http://www.uh.edu/distance/degrees-programs/online-certificates/ed-multimedia-grad-cert/

University of Houston

Online Teaching and Learning

http://www.uh.edu/distance/degrees-programs/online-certificates/online-teach-learn-grad-cert/

University of Houston

Integrating Innovative Technologies in Health Science Education

http://www.uh.edu/distance/degrees-programs/online-certificates/innov-tech-grad-cert/

University of Houston

Foresight

http://www.uh.edu/distance/degrees-programs/online-certificates/foresight-grad-cert/

University of Houston

Corporate Entrepreneurship

http://www.uh.edu/distance/degrees-programs/online-certificates/corp-entr-undergrad-cert/

University of Houston

Technology Applications 7-12 Certificate

http://prtl.uhcl.edu/education/certifications/add-on-certificates/technology-applications-7-12

The University of Kansas

Graduate Certificate in Environment Assessment

https://edwardscampus.ku.edu/graduate-certificate-environmental-assessment

University of Massachusetts

Online Graduate Certificate in Health Informatics

https://continuinged.uml.edu/him/certificate_healthinformatics.cfm

http://www.umassd.edu/cas/departmentsanddegreeprograms/publicpolicy/prospectivestudents/programsoffered/graduateprograms/graduatecertificateinenvironmentalpolicy/

University of New Mexico

Applied Behavior Analysis

Austism Spectrum Disorder

Clinical and Translational Science

Computation Science and Engineering

Educational Diagnosis

Historic Preservation and Regionalism

Law, Environment, and Geography

Race and Social Justice

Teaching English as a Second Language

University Science Teaching

Urban and Region Design

Women Studies

UT Dallas Graduate Certificates

Business Intelligence and Data Mining

Corporate Innovation

Cyber Security

Data Science

Economic & Demographic Data Analysis

Enterprise Systems

Fund Raising

Geographic Information System

Geospatial Intelligence

Healthcare Information Technology

Healthcare Leadership and Management for Physicians

Holocaust Studies

Lean Six Sigma

Lean Six Sigma in Healthcare Quality

Local Governing Management

Management

Mathematics/Science – Uteach Dallas

New Venture Entrepreneurship

Nonprofit Governance

Nonprofit Management

Oil and Gas Financial Management

Product Lifecyle and Supply Chain Management

Remote Sensing

University of Texas at Dallas

Online Graduate Certificate in Healthcare Leadership and Management

http://physician-leadership.utdallas.edu/?utm_source=google&utm_campaign=search-eta&utm_medium=cpc

University of Texas Health Science Center at Houston

Online graduate certificate in Biomedical Informatics

Online graduate certificate in Applied Biomedical Informatics

Online Graduate certificate in Public Health Informatics

https://sbmi.uth.edu/prospective-students/academics/certificate.htm

UT Rio Grande Valley

Online Graduate Certificate in Technology Leadership in Education, Digital Literacy Leader,

http://www.utcoursesonline.org/programs/programinfo/med/educationaltechnology/tlecert.html

UT San Antonio Graduate Certificates

Applied Behavior Analysis

Bilingual Reading Specialist

Business of Health

Creative Writing

Geographic Information Science

Higher Education Administration

Historic Preservation

Keyboard Pedagogy

Keyboard Performance

Language Acquisition and Bilingual Psychoeducational Assessment

Nonprofit Administration and Leadership

Real Estate Finance and Development

Rhetoric and Composition

Spanish Translation Studies

Teaching English as a Second Language

Technology Entrepreneurship and Management

Urban and Regional Planning

Voice Pedagogy

University of Vermont:

Online Graduate Certificate in Environmental Public Health

https://learn.uvm.edu/com/program/environmental-public-health-graduate-study-certificate/?gclid=CI2L4IStwNMCFYa4wAod_a0CDQ

Other Graduate Certificates

University of Houston Online Graduate Certificates:

http://www.uh.edu/distance/degrees-programs/online-certificates/

Kansas State University:

http://global.k-state.edu/education/academic-advising/certificate/

Johns Hopkins:

http://advanced.jhu.edu/academics/certificate-programs/

University of Arizona:

http://www.arizona.edu/topics/academics

Georgian Southern:

http://cogs.georgiasouthern.edu/admission/certificate-programs/graduate-certificate-in-applied-economics/

University of Florida:

http://catalog.distance.ufl.edu/program.aspx?p=186

Portland State:

http://www.pdx.edu/esm/hydrology-certificate

University of Houston:

http://www.geosc.uh.edu/graduate/hydrogeology-certification/

University of Maryland

https://www.umuc.edu/analytics/academics/

Harvard:

http://www.extension.harvard.edu/academics/courses/courses-by-certificate/Data%20Science%20Certificate?_ga=1.206903441.3652614176.1473609148

Stanford:

http://scpd.stanford.edu/public/category/courseCategoryCertificateProfile.do?method=load&certificateId=10555807

Boston University:

http://www.bu.edu/online/programs/certificate-programs/data-analytics/

Boston University:

https://www.bu.edu/academics/sed/programs/science-education/graduate-certificate-in-general-science-education/

U of Mass

https://www.umb.edu/academics/caps/certificates/changing-world-science

Johns Hopkins:

http://advanced.jhu.edu/academics/certificate-programs/science-writing/

Washington State University:

https://online.wsu.edu/cert/scienceTechnologyWriting.aspx

Johns Hopkins – Graduate Certificates in Educaiton

University of Houston – Graduate Certificates

http://www.uh.edu/graduate-school/prospective-students/programs/certificate-programs/