

Degrees/Programs in the College of Science

The College of Science offers one BA degree, 31 BS degrees, 22 Fast Track programs, one Undergraduate Certificate Program, 8 Graduate Certificates, 11 Master's degrees, and 8 PhD Degrees. For descriptions of each of these degrees, go to <http://www.science.utep.edu/index.php/degree-plan>.

Department	Level	Degree	Name of Program	Comments
Biology	Undergraduate	BS	Biological Sciences: Biomedical Concentration	
	Undergraduate	BA	Biological Sciences	
	Undergraduate	BS	Biological Sciences: Ecology and Evolutionary Biology Concentration	
	Undergraduate	BS	Biological Sciences: Ecology and Evolutionary Biology Concentration – Secondary Education - Life Science Certification	
	Undergraduate	BS	Biological Sciences: Ecology and Evolutionary Biology Concentration – Secondary Education - Science Certification	
	Undergraduate	BS	Cell and Molecular Biochemistry	
	Undergraduate	BS	Microbiology	
	Undergraduate	BS	Neuroscience	In Planning
	Masters	MS	Biological Sciences	
	Doctoral	PhD	Biological Sciences – Pathobiology Concentration – Name may change	
	Doctoral	PhD	Ecology and Evolutionary Biology	
	Doctoral	PhD	Cellular & Molecular Biology	In Planning
	Graduate	Certificate	Biology	In Review
	Graduate	Certificate	Neuroscience	In Planning
	Fast Track	MS	Biology to Biology	
	Fast Track	PSM	Biology to Bioinformatics	
	Fast Track	MBA	Biology – Biomedical Concentration to MBA	
	Fast Track	MBA	Biology – Ecology and Evolutionary Biology Concentration to MBA	
	Fast Track	MBA	Microbiology to MBA	
Chemistry	Undergraduate	BS	Chemistry	
	Undergraduate	BS	Biochemistry	
	Undergraduate	BS	Chemistry – Secondary Education – Science Certification	
	Undergraduate	BS	Chemistry – Secondary Education – Physical Science Certification	
	Undergraduate	BS	Chemistry – Secondary Education – Chemistry Certification	In Planning
	Undergraduate	BA	Chemistry (planning)	In Planning
	Masters	MS	Chemistry	
	Doctoral	PhD	Chemistry	

	Graduate	Certificate	Chemistry	
	Fast Track	MS	Chemistry to Chemistry	
	Fast Track	PSM	Chemistry to Bioinformatics	
Geology	Undergraduate	BS	Geological Sciences	
	Undergraduate	BS	Geological Sciences – Secondary Education – Science Certification	
	Undergraduate	BA	Geological Sciences	In Planning
	Undergraduate	BS	Geophysics	
	Undergraduate	BS	Environmental Science – Biology Concentration	
	Undergraduate	BS	Environmental Science – Chemistry Concentration	
	Undergraduate	BS	Environmental Science – Geoscience Concentration	
	Undergraduate	BS	Environmental Science – Hydroscience Concentration	
	Undergraduate	BS	Environmental Science – Secondary Education Concentration – Science Certification	
	Masters	MS	Geological Sciences	
	Masters	MS	Geophysics	
	Graduate	MS	Environmental Science	
	Doctoral	PhD	Geological Sciences	
	Graduate	Certificate	GIST	
	Fast Track	MBA	Geology to MBA	
	Fast Track	MS	Geology to Geology	In Planning
Mathematics	Undergraduate	BS	Mathematics	
	Undergraduate	BA	Mathematics	Deleted
	Undergraduate	BS	Mathematics – Applied Mathematics Concentration	
	Undergraduate	BS	Mathematics – Actuarial Concentration	
	Undergraduate	BS	Mathematics – Statistics Concentration	
	Undergraduate	BS	Mathematics – Secondary Education – Math Certification	
	Undergraduate	BS	Mathematics – Secondary Education – Physics/Math Certification	
	Masters	MS	Mathematics	
	Masters	MS	Statistics	
	Masters	MAT	Mathematics	
	Doctoral	PhD	Statistics	Preliminary Authority Submitted to Provost
	Graduate	Certificate	Applied Statistics	
	Graduate	Certificate	Applied and Computational Mathematics	
	Graduate	Certificate	Big Data Analytics	In Planning
	Fast Track	MS	Mathematics to Mathematics	
	Fast Track	MS	Mathematics to Statistics	

	Fast Track	MBA	Mathematics to MBA	
	Fast Track	MBA	Mathematics with Applied Mathematics Concentration to MBAs to MBA	
	Fast Track	MBA	Mathematics with Actuarial Science Concentration to MBA	
	Fast Track	MBA	Mathematics with Statistics Concentration	
	Fast Track	PSM	Mathematics to Bioinformatics	
Physics	Undergraduate	BS	Physics	
	Undergraduate	BA	Physics	Deleted
	Undergraduate	BS	Physics – Secondary Education Math/Physics 7-12	
	Undergraduate	BS	Physics – Applied Physics Concentration	
	Undergraduate	BS	Physics – Atmospheric Physics Concentration	
	Undergraduate	BS	Physics – Medical Physics Concentration	
	Undergraduate	BS	Physics – Pre-Med Concentration	
	Masters	MS	Physics	
	Masters	MS	Medical Physics	
	Doctoral	PhD	Physics	Preliminary Authority submitted to Provost
	Graduate	Certificate	Applied Physics	
	Fast Track	MS	Physics to Physics	
	Fast Track	MBA	Physics to MBA	
College of Science	Undergraduate	BS	Forensic Biology	
	Undergraduate	BS	Forensic Chemistry	
	Certificate	Undergraduate	Pre Med Undergraduate Certificate	Approved
Professional	Masters	PSM	Bioinformatics	
		PhD	Bioinformatics	Preliminary Authority Submitted to Provost
	Graduate	Certificate	Bioinformatics	
	Fast track	PSM	Computer Science to Bioinformatics	
	Fast Track	PSM	Microbiology to Bioinformatics	
	Fast Track	PSM	Biology to Bioinformatics	
	Fast Track	PSM	Chemistry to Bioinformatics	
	Fast Track	PSM	Mathematics to Bioinformatics	
	Masters	MAT	Science	
	Masters	MS	Computational Science	
	Doctoral	PhD	Computational Science	
	Doctoral	PhD	Environmental Science and Engineering (ESE)	
	Doctoral	PhD	Materials Science and Engineering (MASE)	

	Professional Masters of Science	PSM	Interdisciplinary PMS composed of 18 graduate hours in one CoS discipline and 12-15 hours in a second graduate certificate at UTEP or elsewhere online.	

Fast Track Programs In CoS Degree Plan Web Site:

Under the Biology Tab:

Biology to Biology
Biology to Bioinformatics
Biology – Biomedical Concentration to MBA
Biology – Ecology and Evolutionary Biology Concentration to MBA
Microbiology to MBA

Under Chemistry Tab:

Chemistry to Chemistry
Chemistry to Bioinformatics

Under Geology Tab:

Chemistry to Chemistry

Under Math Tab:

Mathematics to Mathematics
Mathematics to Statistics
Mathematics to MBA
Mathematics with Applied Mathematics Concentration to MBAs to MBA
Mathematics with Actuarial Science Concentration to MBA
Mathematics with Statistics Concentration to MBA
Mathematics to Bioinformatics

Under Physics Tab:

Physics to Physics
Physics to MBA

Under Bioinformatics Tab:

Computer Science to Bioinformatics
Microbiology to Bioinformatics
Biology to Bioinformatics
Chemistry to Bioinformatics
Mathematics to Bioinformatics