

STEM Designated Degree Program List

Effective August 1, 2024 Starts

CIP 2-Digit Code	2020 CIP Code	CIP Code Title
11	11	COMPUTER AND INFORMATION SCIENCES AND SUPPORT SERVICES
11	110102	Artificial Intelligence
11	110103	Information Technology
11	110104	Informatics
11	1102	Computer Programming
11	110204	Computer Game Programming
11	1103	Data Processing
11	1104	Information Science/Studies
11	1105	Computer Systems Analysis
11	1107	Computer Science
11	110802	Data Modeling/Warehousing and Database Administration
11	110804	Modeling, Virtual Environments and Simulation
11	1109	Computer Systems Networking and Telecommunications
11	110902	Cloud Computing
11	111	Computer/Information Technology Administration and Management
11	111001	Network and System Administration/Administrator
11	111002	System, Networking, and LAN/WAN Management/Manager
14	14	ENGINEERING
14	1402	Aerospace, Aeronautical, and Astronautical/Space Engineering
14	1405	Biomedical/Medical Engineering
14	140501	Bioengineering and Biomedical Engineering
14	1407	Chemical Engineering
14	140702	Chemical and Biomolecular Engineering
14	1408	Civil Engineering
14	140802	Geotechnical and Geoenvironmental Engineering
14	140803	Structural Engineering
14	1409	Computer Engineering
14	140902	Computer Hardware Engineering
14	140903	Computer Software Engineering
14	141	Electrical, Electronics, and Communications Engineering
14	141001	Electrical and Electronics Engineering
14	141003	Laser and Optical Engineering
14	141004	Telecommunications Engineering
14	1411	Engineering Mechanics
14	1412	Engineering Physics
14	141201	Engineering Physics/Applied Physics
14	1414	Environmental/Environmental Health Engineering
14	1418	Materials Engineering
14	1419	Mechanical Engineering
14	142	Metallurgical Engineering
14	1421	Mining and Mineral Engineering
14	1422	Naval Architecture and Marine Engineering
14	1423	Nuclear Engineering
14	1424	Ocean Engineering
14	1425	Petroleum Engineering
14	1427	Systems Engineering
14	1432	Polymer/Plastics Engineering
14	1435	Industrial Engineering
14	1436	Manufacturing Engineering
14	1437	Operations Research
14	1439	Geological/Geophysical Engineering
14	1441	Electromechanical Engineering
14	1442	Mechatronics, Robotics, and Automation Engineering
14	1443	Biochemical Engineering
14	1444	Engineering Chemistry
14	1445	Biological/Biosystems Engineering
14	1447	Electrical and Computer Engineering
14	1448	Energy Systems Engineering
14	144802	Power Plant Engineering
26	26	BIOLOGICAL AND BIOMEDICAL SCIENCES
26	260203	Biophysics
26	2611	Biomathematics, Bioinformatics, and Computational Biology
26	261101	Biometry/Biometrics
26	261102	Biostatistics
26	261103	Bioinformatics
26	261104	Computational Biology
26	261309	Epidemiology
26	261311	Epidemiology and Biostatistics
27	27	MATHEMATICS AND STATISTICS
27	2701	Mathematics
27	2703	Applied Mathematics
27	270303	Computational Mathematics
27	270304	Computational and Applied Mathematics
27	2705	Statistics
27	270502	Mathematical Statistics and Probability
27	270503	Mathematics and Statistics
27	2706	Applied Statistics
40	40	PHYSICAL SCIENCES
40	4002	Astronomy and Astrophysics
40	400201	Astronomy
40	400202	Astrophysics
40	400203	Planetary Astronomy and Science
40	4004	Atmospheric Sciences and Meteorology
40	400402	Atmospheric Chemistry and Climatology
40	400403	Atmospheric Physics and Dynamics
40	4005	Chemistry
40	400502	Analytical Chemistry
40	400503	Inorganic Chemistry
40	400504	Organic Chemistry
40	400506	Physical Chemistry
40	400507	Polymer Chemistry
40	400508	Chemical Physics
40	400509	Environmental Chemistry
40	40051	Forensic Chemistry
40	400511	Theoretical Chemistry
40	400512	Cheminformatics/Chemistry Informatics
40	4008	Physics
40	400802	Atomic/Molecular Physics
40	400804	Elementary Particle Physics
40	400805	Plasma and High-Temperature Physics
40	400806	Nuclear Physics
40	400807	Optics/Optical Sciences
40	400808	Condensed Matter and Materials Physics
40	400809	Acoustics
40	40081	Theoretical and Mathematical Physics
40	401	Materials Sciences
40	401002	Materials Chemistry
40	4011	Physics and Astronomy
		HEALTH SERVICES/ALLIED HEALTH/HEALTH SCIENCES, GENERAL
51	512003	Pharmaceutics and Drug Design
51	512205	Health/Medical Physics
		OTHER RELATED FIELDS
29	290207	Cyber/Electronic Operations and Warfare
29	290301	Combat Systems Engineering
29	290302	Directed Energy Systems
29	290303	Engineering Acoustics
29	290304	Low-Observables and Stealth Technology
29	290305	Space Systems Operations
29	290306	Operational Oceanography
29	290307	Undersea Warfare
29	290401	Aerospace Ground Equipment Technology
29	290402	Air and Space Operations Technology
29	290403	Aircraft Armament Systems Technology
29	290406	Military Information Systems Technology
29	290407	Missile and Space Systems Technology
29	290408	Munitions Systems/Ordinance Technology
29	290409	Radar Communications and Systems Technology
30	300101	Biological and Physical Sciences
30	300601	Systems Science and Theory
30	300801	Mathematics and Computer Science
30	303001	Computational Science
43	430403	Cyber/Computer Forensics and Counterterrorism
45	450603	Econometrics and Quantitative Economics
52	521302	Business Statistics
52	521304	Actuarial Science