

**Science, Technology, Engineering, Mathematics (STEM) Degrees
by Field of Study and Degree Level
2015-2016 Public Institutions**

CIP Code	Field of Study	Certificate	Associate's	Bachelor's	Graduate Certificate	Master's	Doctoral	TOTAL
ACTUARIAL SCIENCE								
521304	Actuarial Science.			14				14
AERONAUTICS/AEROSPACE SCIENCE & TECHNOLOGY								
490101	Aeronautics/Aviation/Aerospace Science and Technology, General.			90		14		104
AGRICULTURE								
010000	Agriculture, General.		121	22		9		152
010901	Animal Sciences, General.			211		11		222
010904	Animal Nutrition.						3	3
011001	Food Science.			7		3	2	12
011102	Agronomy and Crop Science.			12			3	15
011103	Horticultural Science.			12		4		16
011201	Soil Science and Agronomy, General.			15		8		23
011299	Soil Sciences, Other.						4	4
019999	Agriculture, Agriculture Operations, and Related Sciences, Other.		27					27
BIOLOGICAL & BIOMEDICAL SCIENCE								
260101	Biology/Biological Sciences, General.		97	457		3		557
260102	Biomedical Sciences, General.					4	8	12
260202	Biochemistry.			85	1	2	4	92
260204	Molecular Biology.					3	6	9
260301	Botany/Plant Biology.			6		4	1	11
260401	Cell/Cellular Biology and Histology.					1	5	6
260502	Microbiology, General.			109		12	4	125
260503	Medical Microbiology and Bacteriology.						6	6
260701	Zoology/Animal Biology.			162		9	6	177
260702	Entomology.			4		10	2	16
260901	Physiology, General.			25		1	2	28
260910	Pathology/Experimental Pathology.						2	2
261004	Toxicology.				2			2
261102	Biostatistics.					8	2	10
261201	Biotechnology.	6	15					21
261301	Ecology.			48		9	8	65
261310	Ecology and Evolutionary Biology.						4	4
261501	Neuroscience.					2	2	4
269999	Biological and Biomedical Sciences, Other.		46			7		53
COMPUTER & INFORMATION SCIENCE								
110101	Computer and Information Sciences, General.			96		24	5	279
110103	Information Technology.	3		97		76		296
110199	Computer and Information Sciences, Other.			42				42
110201	Computer Programming/Programmer, General.	23		37				60
110401	Information Science/Studies.			1	25			26
110701	Computer Science.			8	85	37	4	134
110802	Data Modeling/Warehousing and Database Administration.			1				1
110803	Computer Graphics.			9				9
110901	Computer Systems Networking and Telecommunications.	29		2		13		44
111002	System, Networking, and LAN/WAN Management/Manager.			7				7
111003	Computer and Information Systems Security/Information Assurance.	13		41	6			60
ENGINEERING								
140101	Engineering, General.		39			2		41
140102	Pre-Engineering.		119					119
140201	Aerospace, Aeronautical and Astronautical/Space Engineering.			62		70		132
140301	Agricultural Engineering.			19		9	8	36
140401	Architectural Engineering.			16				16
140501	Bioengineering and Biomedical Engineering.			11		1		12
140701	Chemical Engineering.		4	154		17	15	190
140801	Civil Engineering, General.			66		33	12	111
140901	Computer Engineering, General.			37				37
140903	Computer Software Engineering.			1				1
141001	Electrical and Electronics Engineering			98		118	26	242
141004	Telecommunications Engineering.					4		4
141201	Engineering Physics/Applied Physics.			50		4		54
141401	Environmental/Environmental Health Engineering.			12		4	1	17
141801	Materials Engineering.					2		2
141901	Mechanical Engineering.			244		33	14	291
142501	Petroleum Engineering.			150		32	6	188
143501	Industrial Engineering.			77		52	9	138
149999	Engineering, Other.					37		37

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ENGINEERING TECHNOLOGY								
150000	Engineering Technology, General.		81	15				96
150201	Civil Engineering Technology/Technician.			9				9
150303	Electrical, Electronic and Communications Engineering Technology/Technician.	12	34	20				66
150401	Biomedical Technology/Technician.						4	4
150404	Instrumentation Technology/Technician.			18				18
150503	Energy Management and Systems Technology/Technician.	7	6					13
150507	Environmental Engineering Technology/Environmental Technology.		5					5
150612	Industrial Technology/Technician.		3	9				12
150613	Manufacturing Engineering Technology/Technician.		4	7				11
150699	Industrial Production Technologies/Technicians, Other.		12					12
150701	Occupational Safety and Health Technology/Technician.			125				125
150703	Industrial Safety Technology/Technician.			182		15		197
150801	Aeronautical/Aerospace Engineering Technology/Technician.		3					3
150803	Automotive Engineering Technology/Technician.		61					61
150805	Mechanical Engineering/Mechanical Technology/Technician.		10	67				77
150903	Petroleum Technology/Technician.		12					12
151001	Construction Engineering Technology/Technician.		84	36				120
151102	Surveying Technology/Surveying.		12					12
151199	Engineering-Related Technologies, Other.		9					9
151302	CAD/CADD Drafting and/or Design Technology/Technician.	2						2
151303	Architectural Drafting and Architectural CAD/CADD.	21	23					44
151501	Engineering/Industrial Management.				7	15		22
159999	Engineering Technologies and Engineering-Related Fields, Other.		64	28				92
FOODS & NUTRITION								
190501	Foods, Nutrition, and Wellness Studies, General.			109		22	1	132
190504	Human Nutrition.			16		22		38
HEALTH PROFESSIONS								
511005	Clinical Laboratory Science/Medical Technology/Technologist.			19				19
511401	Medical Scientist.					6		6
512003	Pharmaceutics and Drug Design.						2	2
512202	Environmental Health.			14		5		19
512706	Medical Informatics.					7		7
MATHEMATICS & STATISTICS								
270101	Mathematics, General.		51	114		17	9	191
270199	Mathematics, Other.		10					10
270301	Applied Mathematics, General.					7		7
270304	Computational and Applied Mathematics.					2		2
270305	Financial Mathematics.					5		5
270501	Statistics, General.			5		5		10
279999	Mathematics and Statistics, Other.			2				2
MILITARY TECHNOLOGIES								
290399	Military Applied Sciences, Other.		9					9
MULTI/INTERDISCIPLINARY STUDIES								
301801	Natural Sciences.		10	4		5		19
301901	Nutrition Sciences.		18	13		6		37
303001	Computational Science.					1		1
NATURAL RESOURCES								
030101	Natural Resources/Conservation, General.			4				4
030103	Environmental Studies.	1		36		1		38
030104	Environmental Science.		7	21		13	4	45
030201	Natural Resources Management and Policy.	4						4
030501	Forestry, General.		14					14
039999	Natural Resources and Conservation, Other.		2					2
PHYSICAL SCIENCES								
400101	Physical Sciences.		110					110
400202	Astrophysics.			5				5
400404	Meteorology.			37		7	7	51
400501	Chemistry, General.		9	147		6	19	181
400601	Geology/Earth Science, General.		4	53		45	4	106
400603	Geophysics and Seismology.			7		9	1	17
400801	Physics, General.		3	27		13	11	54
400807	Optics/Optical Sciences.						6	6
409999	Physical Sciences, Other.		30					30
419999	Science Technologies/Technicians, Other.		21					21
PROTECTIVE SERVICES								
430106	Forensic Science and Technology.			80		13		93
Total		121	1,489	3,930	16	939	242	6,737

Source: OSRHE, UDS 1/18/17