

**STEM Designated Degree  
Program List  
Effective May 10, 2016**

The STEM Designated Degree Program list is a complete list of fields of study that DHS considers to be science, technology, engineering or mathematics (STEM) fields of study for purposes of the 24-month STEM optional practical training extension described at 8 CFR 214.2 Under 8 CFR 214.2(f)(10)(ii)(C)(2), DHS will include fields involving research, innovation, or development of new technologies using engineering, mathematics, computer science, or natural sciences (including physical, biological and agricultural sciences)

Accordingly, this list designates the following CIP summary groups at the 2-digit CIP code level: Engineering (CIP code 14), Biological and Biomedical Sciences (CIP code 26), Mathematics and Statistics (CIP code 27), and Physical Sciences (CIP code 40). New additions to those areas will automatically be included on this STEM Designated Degree Program list. Consistent with the definition of STEM fields, DHS will include fields involving research, innovation, or development of new technologies using engineering, mathematics, computer science, or natural sciences at the 6-digit level.

CIP Code Two-		CIP Code Title
01	01.0308	Agroecology and Sustainable Agriculture
01	01.0901	Animal Sciences General

01	01.0907	Poultry Science
01	01.0999	Animal Sciences Other
01	01.1001	Food Science
01	01.1002	Food Technology and Processing
01	01.1099	Food Science and Technology Other
01	01.1101	Plant Sciences General
01	01.1102	Agronomy and Crop Science

01	01.1103	Horticultural Science
01	01.1104	Agricultural and Horticultural Plant Breeding
01	01.1105	Plant Protection and Integrated Pest Management
01	01.1106	Range Science and Management
01	01.1199	Plant Sciences Other
01	01.1201	Soil Science and Agronomy, General
01	01.1202	Soil Chemistry and Physics
01	01.1203	Soil Microbiology
01	01.1299	Soil Sciences Other
03	03.0101	Natural Resources/Conservation, General
03	03.0103	Environmental Studies
03	03.0104	Environmental Science
03	03.0199	Natural Resources Conservation and Research Other
03	03.0205	Water, Wetlands, and Marine Resources Management

03

03.0502



15	15.0614	WeldingEngineeringTechnology/Technician
15	15.0615	ChemicalEngineeringTechnology/Technician
15	15.0616	









51	51.2506	Veterinary Toxicology and Pharmacology
51	51.2510	Veterinary Preventive Medicine, Epidemiology and Public Health
51	51.2511	Veterinary Infectious Diseases
51	51.2706	Medical Informatics
52	52.1301	Management Science
52	52.1302	Business Statistics
52	52.1304	Actuarial Science
52	52.1399	Management Science and Quantitative