

Proposed PSE List 2020-21  
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**EDUCATION PSE LIST**

CIPCode2020	CIPTitle2020
13.0301	Curriculum and Instruction.
13.1001	Special Education and Teaching, General.
13.1003	Education/Teaching of Individuals with Hearing Impairments Including Deafness.
13.1004	Education/Teaching of the Gifted and Talented.
13.1005	Education/Teaching of Individuals with Emotional Disturbances.
13.1006	Education/Teaching of Individuals with Intellectual Disabilities.
13.1007	Education/Teaching of Individuals with Multiple Disabilities.
13.1008	Education/Teaching of Individuals with Orthopedic and Other Physical Health Impairments.
13.1009	Education/Teaching of Individuals with Vision Impairments Including Blindness.
13.1011	Education/Teaching of Individuals with Specific Learning Disabilities.
13.1012	Education/Teaching of Individuals with Speech or Language Impairments.
13.1013	Education/Teaching of Individuals with Autism.
13.1014	Education/Teaching of Individuals Who are Developmentally Delayed.
13.1015	Education/Teaching of Individuals in Early Childhood Special Education Programs.
13.1016	Education/Teaching of Individuals with Traumatic Brain Injuries.
13.1017	Education/Teaching of Individuals in Elementary Special Education Programs.
13.1018	Education/Teaching of Individuals in Junior High/Middle School Special Education Programs.
13.1019	Education/Teaching of Individuals in Secondary Special Education Programs.
13.1099	Special Education and Teaching, Other.
13.1101	Counselor Education/School Counseling and Guidance Services.
13.1102	College Student Counseling and Personnel Services.
13.1199	Student Counseling and Personnel Services, Other.
13.1201	Adult and Continuing Education and Teaching.
13.1202	Elementary Education and Teaching.
13.1203	Junior High/Intermediate/Middle School Education and Teaching.
13.1205	Secondary Education and Teaching.
13.1206	Teacher Education, Multiple Levels.
13.1207	Montessori Teacher Education.
13.1208	Waldorf/Steiner Teacher Education.
13.1209	Kindergarten/Preschool Education and Teaching.
13.1210	Early Childhood Education and Teaching.
13.1211	Online Educator/Online Teaching. (new)
13.1212	International Teaching and Learning. (new)
13.1213	Science, Technology, Engineering, and Mathematics (STEM) Educational Methods. (new)
13.1214	College/Postsecondary/University Teaching. (new)
13.1299	Teacher Education and Professional Development, Specific Levels and Methods, Other.
13.1301	Agricultural Teacher Education.
13.1302	Art Teacher Education.
13.1303	Business and Innovation/Entrepreneurship Teacher Education.
13.1304	Driver and Safety Teacher Education.
13.1305	English/Language Arts Teacher Education.
13.1306	Foreign Language Teacher Education.
13.1307	Health Teacher Education.
13.1308	Family and Consumer Sciences/Home Economics Teacher Education.
13.1309	Technology Teacher Education/Industrial Arts Teacher Education.
13.1310	Sales and Marketing Operations/Marketing and Distribution Teacher Education.
13.1311	Mathematics Teacher Education.
13.1312	Music Teacher Education.
13.1314	Physical Education Teaching and Coaching.
13.1315	Reading Teacher Education.
13.1316	Science Teacher Education/General Science Teacher Education.

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13.1317	Social Science Teacher Education.
13.1318	Social Studies Teacher Education.
13.1319	Technical Teacher Education.
13.1320	Trade and Industrial Teacher Education.
13.1321	Computer Teacher Education.
13.1322	Biology Teacher Education.
13.1323	Chemistry Teacher Education.
13.1324	Drama and Dance Teacher Education.
13.1325	French Language Teacher Education.
13.1326	German Language Teacher Education.
13.1327	Health Occupations Teacher Education.
13.1328	History Teacher Education.
13.1329	Physics Teacher Education.
13.1330	Spanish Language Teacher Education.
13.1331	Speech Teacher Education.
13.1332	Geography Teacher Education.
13.1333	Latin Teacher Education.
13.1334	School Librarian/School Library Media Specialist.
13.1335	Psychology Teacher Education.
13.1337	Earth Science Teacher Education.
13.1338	Environmental Education.
13.1339	Communication Arts and Literature Teacher Education. (new)
13.1399	Teacher Education and Professional Development, Specific Subject Areas, Other.
13.1401	Teaching English as a Second or Foreign Language/ESL Language Instructor.
13.1402	Teaching French as a Second or Foreign Language.
13.1499	Teaching English or French as a Second or Foreign Language, Other.
42.2805	School Psychology.

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**HEALTH PSE LIST**

CIPCode2020	CIPTitle2020
30.1101	Gerontology.
30.3701	Design for Human Health. (new)
51.XXXX	All 51.XXXX Health Professions and Related Programs. (38 new)

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**GLOBAL PSE LIST**

CIPCode2020	CIPTitle2020
05.0103	Asian Studies/Civilization.
05.0107	Latin American Studies.
05.0134	Latin American and Caribbean Studies.
05.0201	African-American/Black Studies.
13.0701	International and Comparative Education.
16.0101	Foreign Languages and Literatures, General.
16.0102	Linguistics.
16.0399	East Asian Languages, Literatures, and Linguistics, Other.
16.0904	Portuguese Language and Literature.
16.0905	Spanish Language and Literature.
16.1701	English as a Second Language. (new)
22.0210	International Business, Trade, and Tax Law.
30.2001	International/Globalization Studies.
30.4001	Economics and Foreign Language/Literature. (new)
45.0901	International Relations and Affairs.
52.1101	International Business/Trade/Commerce.

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CIPCode2020	CIPTitle2020
01.0308	Agroecology and Sustainable Agriculture.
01.0901	Animal Sciences, General.
01.0902	Agricultural Animal Breeding.
01.0903	Animal Health.
01.0904	Animal Nutrition.
01.0905	Dairy Science.
01.0906	Livestock Management.
01.0907	Poultry Science.
01.0999	Animal Sciences, Other.
01.1001	Food Science.
01.1002	Food Technology and Processing.
01.1099	Food Science and Technology, Other.
01.1101	Plant Sciences, General.
01.1102	Agronomy and Crop Science.
01.1103	Horticultural Science.
01.1104	Agricultural and Horticultural Plant Breeding.
01.1105	Plant Protection and Integrated Pest Management.
01.1106	Range Science and Management.
01.1199	Plant Sciences, Other.
01.1201	Soil Science and Agronomy, General.
01.1202	Soil Chemistry and Physics.
01.1203	Soil Microbiology.
01.1299	Soil Sciences, Other.
01.1302	Pre-Veterinary Studies. (moved from 51.1104)
01.1399	Agriculture/Veterinary Preparatory Programs, Other. (new)
01.8001	Veterinary Medicine. (moved from 51.2401)
01.8101	Veterinary Sciences/Veterinary Clinical Sciences, General. (moved from 51.2501)
01.8102	Comparative and Laboratory Animal Medicine. (moved from 51.2509)
01.8103	Large Animal/Food Animal and Equine Surgery and Medicine. (moved from 51.2507)
01.8104	Small/Companion Animal Surgery and Medicine. (moved from 51.2508)
01.8105	Veterinary Anatomy. (moved from 51.2502)
01.8106	Veterinary Infectious Diseases. (moved from 51.2511)
01.8107	Veterinary Microbiology and Immunobiology. (moved from 51.2504)
01.8108	Veterinary Pathology and Pathobiology. (moved from 51.2505)
01.8109	Veterinary Physiology. (moved from 51.2503)
01.8110	Veterinary Preventive Medicine, Epidemiology, and Public Health. (moved from 51.2510)
01.8111	Veterinary Toxicology and Pharmacology. (moved from 51.2506)
01.8199	Veterinary Biomedical and Clinical Sciences, Other. (moved from 51.2599)
01.8301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant. (moved from 51.0808)
01.8399	Veterinary/Animal Health Technologies/Technicians, Other. (new)
01.9999	Agricultural/Animal/Plant/Veterinary Science and Related Fields, Other.
03.0101	Natural Resources/Conservation, General.
03.0103	Environmental Studies.
03.0104	Environmental Science.
03.0199	Natural Resources Conservation and Research, Other.
03.0201	Environmental/Natural Resources Management and Policy, General.
03.0204	Environmental/Natural Resource Economics.
03.0205	Water, Wetlands, and Marine Resources Management.
03.0206	Land Use Planning and Management/Development.
03.0207	Environmental/Natural Resource Recreation and Tourism.
03.0208	Environmental/Natural Resources Law Enforcement and Protective Services.

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CIPCode2020	CIPTitle2020
03.0209	Energy and Environmental Policy. (new)
03.0210	Bioenergy. (new)
03.0299	Environmental/Natural Resources Management and Policy, Other.
03.0301	Fishing and Fisheries Sciences and Management.
03.0501	Forestry, General.
03.0502	Forest Sciences and Biology.
03.0506	Forest Management/Forest Resources Management.
03.0508	Urban Forestry.
03.0509	Wood Science and Wood Products/Pulp and Paper Technology/Technician.
03.0510	Forest Resources Production and Management.
03.0511	Forest Technology/Technician.
03.0599	Forestry, Other.
03.0601	Wildlife, Fish and Wildlands Science and Management.
03.9999	Natural Resources and Conservation, Other.
04.0201	Architecture.
04.0202	Architectural Design. (new)
04.0299	Architecture, Other. (new)
04.0401	Environmental Design/Architecture.
04.0402	Healthcare Environment Design/Architecture. (new)
04.0403	Sustainable Design/Architecture. (new)
04.0499	Environmental Design, Other. (new)
04.0601	Landscape Architecture.
04.0902	Architectural and Building Sciences/Technology.
04.0999	Architectural Sciences and Technology, Other.
09.0702	Digital Communication and Media/Multimedia.
10.0304	Animation, Interactive Technology, Video Graphics, and Special Effects.
11.0101	Computer and Information Sciences, General.
11.0102	Artificial Intelligence.
11.0103	Information Technology.
11.0104	Informatics.
11.0105	Human-Centered Technology Design. (new)
11.0199	Computer and Information Sciences, Other.
11.0201	Computer Programming/Programmer, General.
11.0202	Computer Programming, Specific Applications.
11.0203	Computer Programming, Vendor/Product Certification.
11.0204	Computer Game Programming. (new)
11.0205	Computer Programming, Specific Platforms. (new)
11.0299	Computer Programming, Other.
11.0301	Data Processing and Data Processing Technology/Technician.
11.0401	Information Science/Studies.
11.0501	Computer Systems Analysis/Analyst.
11.0601	Data Entry/Microcomputer Applications, General.
11.0602	Word Processing.
11.0699	Data Entry/Microcomputer Applications, Other.
11.0701	Computer Science.
11.0801	Web Page, Digital/Multimedia and Information Resources Design.
11.0802	Data Modeling/Warehousing and Database Administration.
11.0803	Computer Graphics.
11.0804	Modeling, Virtual Environments and Simulation.
11.0899	Computer Software and Media Applications, Other.
11.0901	Computer Systems Networking and Telecommunications.

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CIPCode2020	CIPTitle2020
11.0902	Cloud Computing. (new)
11.0999	Computer Systems Networking and Telecommunications, Other. (new)
11.1001	Network and System Administration/Administrator.
11.1002	System, Networking, and LAN/WAN Management/Manager.
11.1003	Computer and Information Systems Security/Auditing/Information Assurance.
11.1004	Web/Multimedia Management and Webmaster.
11.1005	Information Technology Project Management.
11.1006	Computer Support Specialist.
11.1099	Computer/Information Technology Services Administration and Management, Other.
11.9999	Computer and Information Sciences and Support Services, Other.
13.0501	Educational/Instructional Technology.
13.0608	Institutional Research. (new)
14.0101	Engineering, General.
14.0102	Pre-Engineering.
14.0103	Applied Engineering. (new)
14.0201	Aerospace, Aeronautical, and Astronautical/Space Engineering, General.
14.0202	Astronautical Engineering. (new)
14.0299	Aerospace, Aeronautical, and Astronautical/Space Engineering, Other. (new)
14.0301	Agricultural Engineering.
14.0401	Architectural Engineering.
14.0501	Bioengineering and Biomedical Engineering.
14.0601	Ceramic Sciences and Engineering.
14.0701	Chemical Engineering.
14.0702	Chemical and Biomolecular Engineering.
14.0799	Chemical Engineering, Other.
14.0801	Civil Engineering, General.
14.0802	Geotechnical and Geoenvironmental Engineering.
14.0803	Structural Engineering.
14.0804	Transportation and Highway Engineering.
14.0805	Water Resources Engineering.
14.0899	Civil Engineering, Other.
14.0901	Computer Engineering, General.
14.0902	Computer Hardware Engineering.
14.0903	Computer Software Engineering.
14.0999	Computer Engineering, Other.
14.1001	Electrical and Electronics Engineering.
14.1003	Laser and Optical Engineering.
14.1004	Telecommunications Engineering.
14.1099	Electrical, Electronics, and Communications Engineering, Other.
14.1101	Engineering Mechanics.
14.1201	Engineering Physics/Applied Physics.
14.1301	Engineering Science.
14.1401	Environmental/Environmental Health Engineering.
14.1801	Materials Engineering.
14.1901	Mechanical Engineering.
14.2001	Metallurgical Engineering.
14.2101	Mining and Mineral Engineering.
14.2201	Naval Architecture and Marine Engineering.
14.2301	Nuclear Engineering.
14.2401	Ocean Engineering.
14.2501	Petroleum Engineering.

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14.2701	Systems Engineering.
14.2801	Textile Sciences and Engineering.
14.3201	Polymer/Plastics Engineering.
14.3301	Construction Engineering.
14.3401	Forest Engineering.
14.3501	Industrial Engineering.
14.3601	Manufacturing Engineering.
14.3701	Operations Research.
14.3801	Surveying Engineering.
14.3901	Geological/Geophysical Engineering.
14.4001	Paper Science and Engineering.
14.4101	Electromechanical Engineering.
14.4201	Mechatronics, Robotics, and Automation Engineering.
14.4301	Biochemical Engineering.
14.4401	Engineering Chemistry.
14.4501	Biological/Biosystems Engineering.
14.4701	Electrical and Computer Engineering. (new)
14.4801	Energy Systems Engineering, General. (new)
14.4802	Power Plant Engineering. (new)
14.4899	Energy Systems Engineering, Other. (new)
14.9999	Engineering, Other.
15.0001	Applied Engineering Technologies/Technicians. (new)
15.0101	Architectural Engineering Technologies/Technicians.
15.0201	Civil Engineering Technologies/Technicians.
15.0303	Electrical, Electronic, and Communications Engineering Technology/Technician.
15.0304	Laser and Optical Technology/Technician.
15.0305	Telecommunications Technology/Technician.
15.0306	Integrated Circuit Design Technology/Technician.
15.0307	Audio Engineering Technology/Technician. (new)
15.0399	Electrical/Electronic Engineering Technologies/Technicians, Other.
15.0401	Biomedical Technology/Technician.
15.0403	Electromechanical/Electromechanical Engineering Technology/Technician.
15.0404	Instrumentation Technology/Technician.
15.0405	Robotics Technology/Technician.
15.0406	Automation Engineer Technology/Technician.
15.0407	Mechatronics, Robotics, and Automation Engineering Technology/Technician. (new)
15.0499	Electromechanical Technologies/Technicians, Other.
15.0501	Heating, Ventilation, Air Conditioning and Refrigeration Engineering Technology/Technician.
15.0506	Water Quality and Wastewater Treatment Management and Recycling Technology/Technician.
15.0507	Environmental/Environmental Engineering Technology/Technician.
15.0508	Hazardous Materials Management and Waste Technology/Technician.
15.0599	Environmental Control Technologies/Technicians, Other.
15.0607	Plastics and Polymer Engineering Technology/Technician.
15.0611	Metallurgical Technology/Technician.
15.0612	Industrial Technology/Technician.
15.0613	Manufacturing Engineering Technology/Technician.
15.0614	Welding Engineering Technology/Technician.
15.0615	Chemical Engineering Technology/Technician.
15.0616	Semiconductor Manufacturing Technology/Technician.
15.0617	Composite Materials Technology/Technician. (new)
15.0699	Industrial Production Technologies/Technicians, Other.



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15.0701	Occupational Safety and Health Technology/Technician.
15.0702	Quality Control Technology/Technician.
15.0703	Industrial Safety Technology/Technician.
15.0704	Hazardous Materials Information Systems Technology/Technician.
15.0705	Process Safety Technology/Technician. (new)
15.0799	Quality Control and Safety Technologies/Technicians, Other.
15.0801	Aeronautical/Aerospace Engineering Technology/Technician.
15.0803	Automotive Engineering Technology/Technician.
15.0805	Mechanical/Mechanical Engineering Technology/Technician.
15.0806	Marine Engineering Technology/Technician. (new)
15.0807	Motorsports Engineering Technology/Technician. (new)
15.0899	Mechanical Engineering Related Technologies/Technicians, Other.
15.0901	Mining Technology/Technician.
15.0903	Petroleum Technology/Technician.
15.0999	Mining and Petroleum Technologies/Technicians, Other.
15.1001	Construction Engineering Technology/Technician.
15.1102	Surveying Technology/Surveying.
15.1103	Hydraulics and Fluid Power Technology/Technician.
15.1199	Engineering-Related Technologies/Technicians, Other.
15.1201	Computer Engineering Technology/Technician.
15.1202	Computer/Computer Systems Technology/Technician.
15.1203	Computer Hardware Technology/Technician.
15.1204	Computer Software Technology/Technician.
15.1299	Computer Engineering Technologies/Technicians, Other.
15.1301	Drafting and Design Technology/Technician, General.
15.1302	CAD/CADD Drafting and/or Design Technology/Technician.
15.1303	Architectural Drafting and Architectural CAD/CADD.
15.1304	Civil Drafting and Civil Engineering CAD/CADD.
15.1305	Electrical/Electronics Drafting and Electrical/Electronics CAD/CADD.
15.1306	Mechanical Drafting and Mechanical Drafting CAD/CADD.
15.1307	3-D Modeling and Design Technology/Technician. (new)
15.1399	Drafting/Design Engineering Technologies/Technicians, Other.
15.1401	Nuclear Engineering Technology/Technician.
15.1501	Engineering/Industrial Management.
15.1502	Engineering Design.
15.1503	Packaging Science.
15.1599	Engineering-Related Fields, Other.
15.1601	Nanotechnology.
15.1701	Energy Systems Technology/Technician. (moved from 15.0503)
15.1702	Power Plant Technology/Technician. (new)
15.1703	Solar Energy Technology/Technician. (moved from 15.0505)
15.1704	Wind Energy Technology/Technician. (new)
15.1705	Hydroelectric Energy Technology/Technician. (new)
15.1706	Geothermal Energy Technology/Technician. (new)
15.1799	Energy Systems Technologies/Technicians, Other. (new)
15.9999	Engineering/Engineering-Related Technologies/Technicians, Other.
26.0101	Biology/Biological Sciences, General.
26.0102	Biomedical Sciences, General.
26.0202	Biochemistry.
26.0203	Biophysics.
26.0204	Molecular Biology.

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CIPCode2020	CIPTitle2020
26.0205	Molecular Biochemistry.
26.0206	Molecular Biophysics.
26.0207	Structural Biology.
26.0208	Photobiology.
26.0209	Radiation Biology/Radiobiology.
26.0210	Biochemistry and Molecular Biology.
26.0299	Biochemistry, Biophysics and Molecular Biology, Other.
26.0301	Botany/Plant Biology.
26.0305	Plant Pathology/Phytopathology.
26.0307	Plant Physiology.
26.0308	Plant Molecular Biology.
26.0399	Botany/Plant Biology, Other.
26.0401	Cell/Cellular Biology and Histology.
26.0403	Anatomy.
26.0404	Developmental Biology and Embryology.
26.0406	Cell/Cellular and Molecular Biology.
26.0407	Cell Biology and Anatomy.
26.0499	Cell/Cellular Biology and Anatomical Sciences, Other.
26.0502	Microbiology, General.
26.0503	Medical Microbiology and Bacteriology.
26.0504	Virology.
26.0505	Parasitology.
26.0506	Mycology.
26.0507	Immunology.
26.0508	Microbiology and Immunology.
26.0509	Infectious Disease and Global Health. (new)
26.0599	Microbiological Sciences and Immunology, Other.
26.0701	Zoology/Animal Biology.
26.0702	Entomology.
26.0707	Animal Physiology.
26.0708	Animal Behavior and Ethology.
26.0709	Wildlife Biology.
26.0799	Zoology/Animal Biology, Other.
26.0801	Genetics, General.
26.0802	Molecular Genetics.
26.0803	Microbial and Eukaryotic Genetics.
26.0804	Animal Genetics.
26.0805	Plant Genetics.
26.0806	Human/Medical Genetics.
26.0807	Genome Sciences/Genomics.
26.0899	Genetics, Other.
26.0901	Physiology, General.
26.0902	Molecular Physiology.
26.0903	Cell Physiology.
26.0904	Endocrinology.
26.0905	Reproductive Biology.
26.0907	Cardiovascular Science.
26.0908	Exercise Physiology and Kinesiology.
26.0909	Vision Science/Physiological Optics.
26.0910	Pathology/Experimental Pathology.
26.0911	Oncology and Cancer Biology.

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CIPCode2020	CIPTitle2020
26.0912	Aerospace Physiology and Medicine.
26.0913	Biomechanics. (new)
26.0999	Physiology, Pathology, and Related Sciences, Other.
26.1001	Pharmacology.
26.1002	Molecular Pharmacology.
26.1003	Neuropharmacology.
26.1004	Toxicology.
26.1005	Molecular Toxicology.
26.1006	Environmental Toxicology.
26.1007	Pharmacology and Toxicology.
26.1099	Pharmacology and Toxicology, Other.
26.1101	Biometry/Biometrics.
26.1102	Biostatistics.
26.1103	Bioinformatics.
26.1104	Computational Biology.
26.1199	Biomathematics, Bioinformatics, and Computational Biology, Other.
26.1201	Biotechnology.
26.1301	Ecology.
26.1302	Marine Biology and Biological Oceanography.
26.1303	Evolutionary Biology.
26.1304	Aquatic Biology/Limnology.
26.1305	Environmental Biology.
26.1306	Population Biology.
26.1307	Conservation Biology.
26.1308	Systematic Biology/Biological Systematics.
26.1309	Epidemiology.
26.1310	Ecology and Evolutionary Biology.
26.1311	Epidemiology and Biostatistics. (new)
26.1399	Ecology, Evolution, Systematics and Population Biology, Other.
26.1401	Molecular Medicine.
26.1501	Neuroscience.
26.1502	Neuroanatomy.
26.1503	Neurobiology and Anatomy.
26.1504	Neurobiology and Behavior.
26.1599	Neurobiology and Neurosciences, Other.
26.9999	Biological and Biomedical Sciences, Other.
27.0101	Mathematics, General.
27.0102	Algebra and Number Theory.
27.0103	Analysis and Functional Analysis.
27.0104	Geometry/Geometric Analysis.
27.0105	Topology and Foundations.
27.0199	Mathematics, Other.
27.0301	Applied Mathematics, General.
27.0303	Computational Mathematics.
27.0304	Computational and Applied Mathematics.
27.0305	Financial Mathematics.
27.0306	Mathematical Biology.
27.0399	Applied Mathematics, Other.
27.0501	Statistics, General.
27.0502	Mathematical Statistics and Probability.
27.0503	Mathematics and Statistics.

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CIPCode2020	CIPTitle2020
27.0599	Statistics, Other.
27.0601	Applied Statistics, General. (new)
27.9999	Mathematics and Statistics, Other.
29.0207	Cyber/Electronic Operations and Warfare.
29.0601	Military Technology and Applied Sciences Management. (new)
30.0101	Biological and Physical Sciences.
30.0601	Systems Science and Theory.
30.0801	Mathematics and Computer Science.
30.1001	Biopsychology.
30.1501	Science, Technology and Society.
30.1601	Accounting and Computer Science.
30.1701	Behavioral Sciences.
30.1801	Natural Sciences.
30.1901	Nutrition Sciences.
30.2501	Cognitive Science, General.
30.2502	Contemplative Studies/Inquiry. (new)
30.2599	Cognitive Science, Other. (new)
30.2701	Human Biology.
30.3001	Computational Science.
30.3101	Human Computer Interaction.
30.3201	Marine Sciences.
30.3301	Sustainability Studies.
30.3501	Climate Science. (new)
30.3801	Earth Systems Science. (new)
30.3901	Economics and Computer Science. (new)
30.4101	Environmental Geosciences. (new)
30.4201	Geoarchaeology. (new)
30.4301	Geobiology. (new)
30.4401	Geography and Environmental Studies. (new)
30.4801	Linguistics and Computer Science. (new)
30.4901	Mathematical Economics. (new)
30.5001	Mathematics and Atmospheric/Oceanic Science. (new)
30.5202	Digital Humanities. (new)
30.7001	Data Science, General. (new)
30.7099	Data Science, Other. (new)
30.7101	Data Analytics, General. (new)
30.7102	Business Analytics. (new)
30.7103	Data Visualization. (new)
30.7104	Financial Analytics. (new)
30.7199	Data Analytics, Other. (new)
31.0505	Exercise Science and Kinesiology.
40.0101	Physical Sciences, General.
40.0201	Astronomy.
40.0202	Astrophysics.
40.0203	Planetary Astronomy and Science.
40.0299	Astronomy and Astrophysics, Other.
40.0401	Atmospheric Sciences and Meteorology, General.
40.0402	Atmospheric Chemistry and Climatology.
40.0403	Atmospheric Physics and Dynamics.
40.0404	Meteorology.
40.0499	Atmospheric Sciences and Meteorology, Other.

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CIPCode2020	CIPTitle2020
40.0501	Chemistry, General.
40.0502	Analytical Chemistry.
40.0503	Inorganic Chemistry.
40.0504	Organic Chemistry.
40.0506	Physical Chemistry.
40.0507	Polymer Chemistry.
40.0508	Chemical Physics.
40.0509	Environmental Chemistry.
40.0510	Forensic Chemistry.
40.0511	Theoretical Chemistry.
40.0512	Cheminformatics/Chemistry Informatics. (new)
40.0599	Chemistry, Other.
40.0601	Geology/Earth Science, General.
40.0602	Geochemistry.
40.0603	Geophysics and Seismology.
40.0604	Paleontology.
40.0605	Hydrology and Water Resources Science.
40.0606	Geochemistry and Petrology.
40.0607	Oceanography, Chemical and Physical.
40.0699	Geological and Earth Sciences/Geosciences, Other.
40.0801	Physics, General.
40.0802	Atomic/Molecular Physics.
40.0804	Elementary Particle Physics.
40.0805	Plasma and High-Temperature Physics.
40.0806	Nuclear Physics.
40.0807	Optics/Optical Sciences.
40.0808	Condensed Matter and Materials Physics.
40.0809	Acoustics.
40.0810	Theoretical and Mathematical Physics.
40.0899	Physics, Other.
40.1001	Materials Science.
40.1002	Materials Chemistry.
40.1099	Materials Sciences, Other.
40.1101	Physics and Astronomy. (new)
40.9999	Physical Sciences, Other.
42.2701	Cognitive Psychology and Psycholinguistics.
42.2702	Comparative Psychology.
42.2703	Developmental and Child Psychology.
42.2704	Experimental Psychology.
42.2705	Personality Psychology.
42.2706	Behavioral Neuroscience.
42.2707	Social Psychology.
42.2708	Psychometrics and Quantitative Psychology.
42.2709	Psychopharmacology.
42.2799	Research and Experimental Psychology, Other.
43.0303	Critical Infrastructure Protection.
43.0401	Security Science and Technology, General. (new)
43.0402	Criminalistics and Criminal Science. (moved from 43.0111)
43.0403	Cyber/Computer Forensics and Counterterrorism. (moved from 43.0116)
43.0404	Cybersecurity Defense Strategy/Policy. (new)
43.0406	Forensic Science and Technology. (moved from 43.0106)

Proposed PSE List 2020-21  
Includes CIP 2020 Revisions

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**STEM PSE LIST**

CIPCode2020	CIPTitle2020
43.0499	Security Science and Technology, Other. (new)
45.0301	Archeology.
45.0603	Econometrics and Quantitative Economics.
45.0702	Geographic Information Science and Cartography.
50.0102	Digital Arts.
52.0203	Logistics, Materials, and Supply Chain Management.
52.1201	Management Information Systems, General.
52.1301	Management Science.
52.1302	Business Statistics.
52.1304	Actuarial Science.
52.1399	Management Sciences and Quantitative Methods, Other.
52.1404	Digital Marketing. (new)

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**GAP ANALYSIS PSE LIST**

CIPCode2020	CIPTitle2020
04.1001	Real Estate Development.
09.0101	Speech Communication and Rhetoric.
09.0900	Public Relations, Advertising, and Applied Communication.
09.0900	Public Relations, Advertising, and Applied Communication.
09.0902	Public Relations/Image Management.
09.0905	Health Communication.
19.0203	Consumer Merchandising/Retailing Management.
42.2804	Industrial and Organizational Psychology. (included due to CIP-SOC crosswalk update)
43.0121	Suspension and Debarment Investigation.
43.0405	Financial Forensics and Fraud Investigation. (moved from 43.0117)
45.0602	Applied Economics.
50.0401	Design and Visual Communications, General.
50.0402	Commercial and Advertising Art.
50.0404	Industrial and Product Design.
50.0409	Graphic Design.
50.0411	Game and Interactive Media Design.
50.0702	Fine/Studio Arts, General.
50.0705	Drawing.
50.0706	Intermedia/Multimedia.
50.0708	Painting.
52.0205	Operations Management and Supervision.
52.0215	Risk Management. (new)
52.0301	Accounting.
52.0303	Auditing.
52.0304	Accounting and Finance.
52.0305	Accounting and Business/Management.
52.0801	Finance, General.
52.0804	Financial Planning and Services.
52.0806	International Finance.
52.0807	Investments and Securities.
52.0808	Public Finance.
52.0809	Credit Management.
52.0810	Financial Risk Management. (new)
52.1001	Human Resources Management/Personnel Administration, General.
52.1003	Organizational Behavior Studies.
52.1401	Marketing/Marketing Management, General.
52.1402	Marketing Research.
52.1403	International Marketing.
52.1501	Real Estate.
52.1601	Taxation.
52.1701	Insurance.
52.1905	Tourism and Travel Services Marketing Operations. (included due to CIP-SOC crosswalk update)
52.1906	Tourism Promotion Operations. (included due to CIP-SOC crosswalk update)
52.1908	Business and Personal/Financial Services Marketing Operations. (included due to CIP-SOC crosswalk update)
52.1909	Special Products Marketing Operations. (included due to CIP-SOC crosswalk update)
52.1910	Hospitality and Recreation Marketing Operations. (included due to CIP-SOC crosswalk update)