

TABLE A-1

## Fields of study used in the 2023 NSCG data tables

(Crosswalk)

Broad field		Major field		Minor field		Detailed field					
Code	Label	Code	Label	Code	Label	Code	Label				
1	S&E fields	1	Computer and mathematical sciences	11	Computer and information sciences	116710	Computer and information sciences, general				
						116730	Computer science				
						116740	Computer systems analysis				
						116760	Information science, studies				
						116770	Other computer and information sciences				
				12	Mathematics and statistics	128410	Applied mathematics				
						128420	Mathematics, general				
						128430	Operations research				
						128440	Statistics				
						128450	Other mathematics				
		2	Biological, agricultural, and environmental life sciences	21	Agricultural and food sciences	216050	Animal sciences				
						216060	Food sciences and technology				
						216070	Plant sciences				
						216080	Agricultural, animal, plant, veterinary science and related fields, other				
						22	Biological sciences	226310	Biochemistry and biophysics		
								226320	Biology, general		
				226330	Botany and plant biology						
				226340	Cell and molecular biology						
				226350	Ecology						
				226360	Genetics, animal and plant						
				226370	Microbiological sciences and immunology						
				226380	Nutrition sciences						
				226390	Pharmacology, human and animal						
				226400	Physiology, pathology, and related sciences (human and animal)						
				226410	Zoology, animal biology						
				226420	Other biological sciences						
				23	Environmental life sciences			236800	Environmental science or studies		
								236810	Forestry sciences		
						3	Physical and related sciences	31	Chemistry, except biochemistry	318730	Chemistry, except biochemistry
										32	Earth, atmospheric, and ocean sciences
		328740	Geological and earth sciences, geosciences								
		328760	Geological and earth sciences, other including ocean and marine sciences <sup>a</sup>								
		33	Physics and astronomy	338710	Astronomy and astrophysics						
				338780	Physics, except biophysics						
34	Other physical sciences	348790	Other physical sciences								

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Code	Label	Code	Label	Code	Label	Code	Label
		4	Social and related sciences	41	Economics	416010	Agricultural economics
						419230	Economics
				42	Political and related sciences	429020	Public policy analysis
						429270	International relations and national security studies
						429280	Political science and government
				43	Psychology	437040	Educational psychology
						438910	Clinical psychology
						438920	Counseling psychology
						438930	Experimental psychology
						438940	General psychology
						438950	Industrial/ organizational psychology
						438960	Social psychology
						438970	Other psychology
				44	Sociology and anthropology	449210	Anthropology and archaeology
						449220	Criminology
						449290	Sociology
				45	Other social sciences	456200	Area and ethnic studies
						457710	Linguistics
						458610	History and philosophy of science and technology
						459240	Geography
						459300	Other social sciences
		5	Engineering	51	Aerospace, aeronautical, and astronautical engineering	517210	Aerospace, aeronautical, and astronautical/ space engineering
				52	Chemical engineering	527250	Chemical engineering
				53	Civil and architectural engineering	537230	Architectural engineering
						537260	Civil engineering
				54	Electrical and computer engineering	547270	Computer engineering and systems engineering
						547280	Electrical, electronics, and communications engineering
				55	Industrial engineering	557330	Industrial and manufacturing engineering
				56	Mechanical engineering	567350	Mechanical engineering
				57	Other engineering	577220	Agricultural engineering
						577240	Bioengineering and biomedical engineering
						577290	Engineering sciences, mechanics and physics
						577300	Environmental, environmental health engineering
						577310	Engineering, general
						577340	Materials engineering, including ceramics and textiles

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						577360	Metallurgical engineering		
						577380	Naval architecture and marine engineering		
						577390	Nuclear engineering		
						577400	Petroleum engineering		
						577410	Other engineering, including geophysical, geological, mining and mineral <sup>b</sup>		
2	S&E-related fields	6	S&E-related fields	61	Health	617810	Audiology and speech pathology		
						617820	Health services administration		
						617830	Health/ medical assistants		
						617840	Health/ medical technologies		
						617850	Medical preparatory programs (e.g., pre-dentistry, pre-medical, pre-veterinary)		
						617860	Medicine (e.g., dentistry, optometry, osteopathic, podiatry, veterinary)		
						617870	Registered nursing, nursing administration, nursing research and clinical nursing		
						617880	Pharmacy		
						617890	Physical therapy and other rehabilitation/ therapeutic services		
						617900	Public health (including environmental health and epidemiology)		
						617910	Other health/ medical sciences		
						62	Science and mathematics teacher education	627020	Computer teacher education
								627060	Mathematics teacher education
				627090	Science teacher education, general science teacher education (includes biology, chemistry, earth science, physics, etc.)				
				627120	Social science teacher education, including psychology teacher education <sup>c</sup>				
				63	Technology and technical fields	636720	Computer programming		
						636750	Data processing		
						637510	Electrical and electronic technologies		
						637520	Industrial production technologies		
						637530	Mechanical engineering-related technologies		
637540	Other engineering-related technologies								
64	Other science and engineering-related fields	646100	Architecture/ environmental design						
		646520	Actuarial science						
3	Non-S&E fields	7	Non-S&E fields	71	Management and administration fields	716020	Agribusiness, agricultural business operations		
						716510	Accounting		
						716530	Business administration and management		
						716540	Business, commerce, general		
						716550	Business and managerial economics		
						716570	Financial management		
						716590	Other business management/ administrative services		

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Code	Label	Code	Label	Code	Label	Code	Label
				72	Education, except science and math teacher education	727010	Education administration and supervision
						727030	Counselor education/ school counseling and guidance services
						727050	Elementary education and teaching
						727070	Physical education teaching and coaching
						727080	Pre-school/ kindergarten/ early childhood teacher education
						727100	Secondary teacher education
						727110	Special education and teaching
						727130	Other education
				73	Social service and related fields	738620	Philosophy, religion, theology
						739100	Social work
				74	Sales and marketing fields	746560	Business marketing/ marketing management
						746580	Marketing research
				75	Art and humanities fields	757600	English language, literature and letters
						757720	Other foreign languages and literature
						758200	Liberal arts and sciences
						759260	History
						759410	Drama, theatre arts, and stagecraft
						759420	Fine and studio arts (all fields)
						759430	Music, all fields
						759440	Other visual and performing arts
				76	Other non-S&E fields	766610	Communications, general
						766620	Journalism
						766630	Other communication
						766820	Other conservation and natural resources
						766900	Criminal justice and corrections
						768000	Family, consumer sciences and human sciences
						768100	Legal professions and studies
						768300	Library science
						768500	Parks, recreation, leisure, fitness, and kinesiology
						769010	Public administration
						769030	Public affairs
						769950	Other fields (not listed)

S&E = science and engineering; NSCG = National Survey of College Graduates.

<sup>a</sup> In 2023, "Ocean sciences and marine sciences" was merged with "Geological and earth sciences, other" to form "Geological and earth sciences, other including ocean and marine sciences" (328760).

<sup>b</sup> In 2023, "Geophysical and geological engineering" and "Mining and minerals engineering" were merged with "Other engineering" to form "Other engineering, including geophysical, geological, mining and mineral" (577410).

<sup>c</sup> In 2023, "Psychology teacher education" was merged with "Social science teacher education" to form "Social science teacher education, including psychology teacher education" (627120).

**Source(s):**

National Center for Science and Engineering Statistics, National Survey of College Graduates, 2023.