

Table A-6. Historical SED-FOS code crosswalk to trend broad and major fields for data collected prior to SED 2021: 2025

(Field)

Historical SED-FOS code	Historical SED field of study	First year	Last year	Trend broad field	Trend major field
025	Agricultural and horticultural plant breeding	1983	2020	Agricultural sciences and natural resources	Agricultural sciences
005	Agricultural animal breeding	1983	2014	Agricultural sciences and natural resources	Agricultural sciences
002	Agricultural business and management	1988	2004	Agricultural sciences and natural resources	Agricultural sciences
000	Agricultural economics	1972	2020	Agricultural sciences and natural resources	Agricultural sciences
099	Agricultural sciences/ natural resources, other	1958	2020	Agricultural sciences and natural resources	Agricultural sciences
020	Agronomy and crop science	1958	2020	Agricultural sciences and natural resources	Agricultural sciences
007	Animal husbandry	1958	1983	Agricultural sciences and natural resources	Agricultural sciences
010	Animal nutrition	1973	2020	Agricultural sciences and natural resources	Agricultural sciences
014	Animal science, poultry or avian	1988	2020	Agricultural sciences and natural resources	Agricultural sciences
019	Animal sciences, other	1983	2020	Agricultural sciences and natural resources	Agricultural sciences
012	Dairy science	1988	2004	Agricultural sciences and natural resources	Agricultural sciences
042	Food distribution	1988	1995	Agricultural sciences and natural resources	Agricultural sciences
043	Food science	1988	2020	Agricultural sciences and natural resources	Agricultural sciences
044	Food science and technology, other	1988	2020	Agricultural sciences and natural resources	Agricultural sciences
040	Food sciences	1972	1988	Agricultural sciences and natural resources	Agricultural sciences
050	Horticulture science	1958	2020	Agricultural sciences and natural resources	Agricultural sciences
030	Plant pathology/ phytopathology (agricultural sciences)	1958	2020	Agricultural sciences and natural resources	Agricultural sciences
032	Plant protection, pest management	1988	1991	Agricultural sciences and natural resources	Agricultural sciences
039	Plant sciences, other	1983	2020	Agricultural sciences and natural resources	Agricultural sciences
046	Soil chemistry/ microbiology	1988	2020	Agricultural sciences and natural resources	Agricultural sciences
045	Soil sciences	1972	1988	Agricultural sciences and natural resources	Agricultural sciences
049	Soil sciences, other	1988	2020	Agricultural sciences and natural resources	Agricultural sciences
250	Veterinary sciences	1958	2020	Agricultural sciences and natural resources	Agricultural sciences
098	Agricultural sciences/ natural resources, general	1958	2020	Agricultural sciences and natural resources	Natural resources and conservation
081	Environmental science	2004	2020	Agricultural sciences and natural resources	Natural resources and conservation
580	Environmental science	1973	2004	Agricultural sciences and natural resources	Natural resources and conservation
054	Fish and wildlife	1958	1983	Agricultural sciences and natural resources	Natural resources and conservation
055	Fishing and fisheries sciences/ management	1983	2020	Agricultural sciences and natural resources	Natural resources and conservation

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Historical SED-FOS code	Historical SED field of study	First year	Last year	Trend broad field	Trend major field
068	Forest engineering	1988	2004	Agricultural sciences and natural resources	Natural resources and conservation
066	Forest sciences and biology	1988	2020	Agricultural sciences and natural resources	Natural resources and conservation
070	Forest/ forest resources management	1988	2020	Agricultural sciences and natural resources	Natural resources and conservation
065	Forestry science	1958	1988	Agricultural sciences and natural resources	Natural resources and conservation
079	Forestry, other	1988	2020	Agricultural sciences and natural resources	Natural resources and conservation
685	Natural resource/ environmental policy	2014	2020	Agricultural sciences and natural resources	Natural resources and conservation
074	Natural resources and conservation	1988	2020	Agricultural sciences and natural resources	Natural resources and conservation
003	Natural resources/ environmental economics (agricultural sciences)	2012	2020	Agricultural sciences and natural resources	Natural resources and conservation
060	Wildlife management	1983	1988	Agricultural sciences and natural resources	Natural resources and conservation
080	Wildlife/ range management	1988	2020	Agricultural sciences and natural resources	Natural resources and conservation
072	Wood science, pulp and paper technology	1989	2018	Agricultural sciences and natural resources	Natural resources and conservation
100	Biochemistry (biological sciences)	1958	2020	Biological and biomedical sciences	Biochemistry and biophysics
105	Biophysics (biological sciences)	1958	2020	Biological and biomedical sciences	Biochemistry and biophysics
102	Bioinformatics	2007	2020	Biological and biomedical sciences	Bioinformatics, biostatistics, and computational biology
133	Biometrics and biostatistics	1958	2020	Biological and biomedical sciences	Bioinformatics, biostatistics, and computational biology
104	Computational biology	2010	2020	Biological and biomedical sciences	Bioinformatics, biostatistics, and computational biology
198	Biological and biomedical sciences, general	1958	2020	Biological and biomedical sciences	Biology and biomedical sciences, general
103	Biomedical sciences	1995	2020	Biological and biomedical sciences	Biology and biomedical sciences, general
130	Anatomy	1958	2020	Biological and biomedical sciences	Cellular and developmental biology, and anatomy
136	Cell/ cellular biology and histology	1963	2020	Biological and biomedical sciences	Cellular and developmental biology, and anatomy
142	Developmental biology and embryology	1963	2020	Biological and biomedical sciences	Cellular and developmental biology, and anatomy
155	Structural biology	2010	2020	Biological and biomedical sciences	Cellular and developmental biology, and anatomy
139	Ecology	1958	2020	Biological and biomedical sciences	Ecology, evolutionary biology, and epidemiology
134	Epidemiology	2014	2020	Biological and biomedical sciences	Ecology, evolutionary biology, and epidemiology
220	Epidemiology	1983	2014	Biological and biomedical sciences	Ecology, evolutionary biology, and epidemiology
137	Evolutionary biology	2007	2020	Biological and biomedical sciences	Ecology, evolutionary biology, and epidemiology
171	Genetics	1958	1983	Biological and biomedical sciences	Genetics and genomics
170	Genetics/ genomics, human and animal	1983	2020	Biological and biomedical sciences	Genetics and genomics

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(Field)

Historical SED-FOS code	Historical SED field of study	First year	Last year	Trend broad field	Trend major field
110	Bacteriology	1983	2020	Biological and biomedical sciences	Microbiology and immunology
151	Immunology	1973	2020	Biological and biomedical sciences	Microbiology and immunology
157	Microbiology	1983	2020	Biological and biomedical sciences	Microbiology and immunology
156	Microbiology and bacteriology	1958	1983	Biological and biomedical sciences	Microbiology and immunology
166	Parasitology	1973	2020	Biological and biomedical sciences	Microbiology and immunology
168	Virology	2010	2020	Biological and biomedical sciences	Microbiology and immunology
154	Molecular biology	1969	2020	Biological and biomedical sciences	Molecular biology
160	Neurosciences and neurobiology	1982	2020	Biological and biomedical sciences	Neurobiology and neurosciences
167	Environmental toxicology	2010	2020	Biological and biomedical sciences	Pharmacology and toxicology
211	Environmental toxicology	2004	2010	Biological and biomedical sciences	Pharmacology and toxicology
180	Pharmacology, human and animal	1958	2020	Biological and biomedical sciences	Pharmacology and toxicology
169	Toxicology	1983	2020	Biological and biomedical sciences	Pharmacology and toxicology
158	Cancer biology	2007	2020	Biological and biomedical sciences	Physiology, pathology, and cancer biology
145	Endocrinology	1983	2020	Biological and biomedical sciences	Physiology, pathology, and cancer biology
159	Molecular medicine	2016	2020	Biological and biomedical sciences	Physiology, pathology, and cancer biology
175	Pathology, human and animal	1958	2020	Biological and biomedical sciences	Physiology, pathology, and cancer biology
185	Physiology, human and animal	1963	2020	Biological and biomedical sciences	Physiology, pathology, and cancer biology
418	Computer and information sciences, general	2014	2020	Computer and information sciences	Computer and information sciences, other
419	Computer and information sciences, other	2004	2020	Computer and information sciences	Computer and information sciences, other
410	Information science and systems	1983	2020	Computer and information sciences	Computer and information sciences, other
400	Computer science	1978	2020	Computer and information sciences	Computer science
186	Animal and plant physiology	1958	1963	Biological and biomedical sciences	Biology and biomedical sciences, other
199	Biological and biomedical sciences, other	1958	2020	Biological and biomedical sciences	Biology and biomedical sciences, other
107	Biotechnology	1993	2020	Biological and biomedical sciences	Biology and biomedical sciences, other
129	Botany and plant biology	1958	2020	Biological and biomedical sciences	Biology and biomedical sciences, other
148	Entomology	1958	2020	Biological and biomedical sciences	Biology and biomedical sciences, other
140	Hydrobiology	1958	1980	Biological and biomedical sciences	Biology and biomedical sciences, other
163	Nutrition sciences	1958	2020	Biological and biomedical sciences	Biology and biomedical sciences, other

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115	Plant genetics	1983	2020	Biological and biomedical sciences	Biology and biomedical sciences, other
120	Plant pathology and phytopathology (biological sciences)	1983	2020	Biological and biomedical sciences	Biology and biomedical sciences, other
125	Plant physiology	1963	2020	Biological and biomedical sciences	Biology and biomedical sciences, other
188	Wildlife biology	2014	2020	Biological and biomedical sciences	Biology and biomedical sciences, other
189	Zoology	1958	2020	Biological and biomedical sciences	Biology and biomedical sciences, other
300	Aerospace, aeronautical, and astronautical engineering	1958	2020	Engineering	Aerospace, aeronautical, and astronautical engineering
306	Bioengineering and biomedical engineering	1969	2020	Engineering	Bioengineering and biomedical engineering
312	Chemical engineering	1958	2020	Engineering	Chemical and petroleum engineering
366	Petroleum engineering	1974	2020	Engineering	Chemical and petroleum engineering
369	Polymer and plastics engineering	1983	2020	Engineering	Chemical and petroleum engineering
315	Civil engineering	1958	2020	Engineering	Civil, environmental, and transportation engineering
336	Environmental/ environmental health engineering	1958	2020	Engineering	Civil, environmental, and transportation engineering
337	Geotechnical and geoenvironmental engineering	2012	2020	Engineering	Civil, environmental, and transportation engineering
316	Structural engineering	2010	2020	Engineering	Civil, environmental, and transportation engineering
373	Transportation and highway engineering	2012	2020	Engineering	Civil, environmental, and transportation engineering
318	Communications engineering	1983	2020	Engineering	Electrical and computer engineering
321	Computer engineering	1975	2020	Engineering	Electrical and computer engineering
322	Electrical engineering	1958	1983	Engineering	Electrical and computer engineering
324	Electrical, electronics, and communications engineering	1983	2020	Engineering	Electrical and computer engineering
323	Electronics engineering	1958	1983	Engineering	Electrical and computer engineering
339	Industrial and manufacturing engineering	1958	2020	Engineering	Industrial engineering and operations research
363	Operations research (engineering)	1973	2020	Engineering	Industrial engineering and operations research
372	Systems engineering	1975	2020	Engineering	Industrial engineering and operations research
309	Ceramic sciences engineering	1958	2014	Engineering	Materials and mining engineering
342	Materials science engineering	1971	2020	Engineering	Materials and mining engineering
348	Metallurgical engineering	1958	2020	Engineering	Materials and mining engineering
351	Mining and mineral engineering	1969	2014	Engineering	Materials and mining engineering
375	Textile engineering	1958	1969	Engineering	Materials and mining engineering
345	Mechanical engineering	1958	2020	Engineering	Mechanical engineering
415	Robotics	2010	2020	Engineering	Mechanical engineering
303	Agricultural engineering	1958	2020	Engineering	Engineering, other
376	Engineering management and administration	2007	2020	Engineering	Engineering, other
327	Engineering mechanics	1958	2020	Engineering	Engineering, other

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Historical SED-FOS code	Historical SED field of study	First year	Last year	Trend broad field	Trend major field
330	Engineering physics	1958	2020	Engineering	Engineering, other
333	Engineering science	1983	2020	Engineering	Engineering, other
398	Engineering, general	1958	2020	Engineering	Engineering, other
399	Engineering, other	1958	2020	Engineering	Engineering, other
354	Naval architecture and marine engineering	1983	1991	Engineering	Engineering, other
357	Nuclear engineering	1971	2020	Engineering	Engineering, other
360	Ocean engineering	1983	2020	Engineering	Engineering, other
554	Applied geology	1969	1991	Geosciences, atmospheric, and ocean sciences	Geological sciences
555	Applied geology, geological engineering	1958	1969	Geosciences, atmospheric, and ocean sciences	Geological sciences
547	Fuel technology and petroleum engineering	1969	1980	Geosciences, atmospheric, and ocean sciences	Geological sciences
542	Geochemistry	1969	2020	Geosciences, atmospheric, and ocean sciences	Geological sciences
558	Geological and earth sciences, general	1958	2020	Geosciences, atmospheric, and ocean sciences	Geological sciences
559	Geological and earth sciences, other	1958	2020	Geosciences, atmospheric, and ocean sciences	Geological sciences
540	Geology	1958	2020	Geosciences, atmospheric, and ocean sciences	Geological sciences
552	Geomorphology and glacial geology	1963	2020	Geosciences, atmospheric, and ocean sciences	Geological sciences
545	Geophysics	1958	1976	Geosciences, atmospheric, and ocean sciences	Geological sciences
544	Geophysics and seismology	1976	2020	Geosciences, atmospheric, and ocean sciences	Geological sciences
548	Mineralogy and petrology	1969	2020	Geosciences, atmospheric, and ocean sciences	Geological sciences
549	Mineralogy, petrology, geochemistry	1958	1969	Geosciences, atmospheric, and ocean sciences	Geological sciences
546	Paleontology	1963	2020	Geosciences, atmospheric, and ocean sciences	Geological sciences
550	Stratigraphy and sedimentation	1963	2020	Geosciences, atmospheric, and ocean sciences	Geological sciences
510	Atmospheric chemistry and climatology	1976	2020	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences
512	Atmospheric physics and dynamics	1976	2020	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences
518	Atmospheric science/ meteorology, general	1983	2020	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences
519	Atmospheric science/ meteorology, other	1976	2020	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences
585	Hydrology and water resources	1958	2020	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences
152	Marine biology and biological oceanography	2012	2020	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences
595	Marine sciences	1978	2020	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences
514	Meteorology	1958	2020	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences
599	Ocean/ marine sciences, other	1983	2020	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences
590	Oceanography, chemical and physical	1958	2020	Geosciences, atmospheric, and ocean sciences	Ocean, marine, and atmospheric sciences
230	Nursing science	1977	2020	Health sciences	Nursing science

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Historical SED-FOS code	Historical SED field of study	First year	Last year	Trend broad field	Trend major field
240	Pharmaceutical sciences	1958	2020	Health sciences	Pharmaceutical sciences
210	Environmental health	1977	2020	Health sciences	Public health
280	Health and behavior	2014	2020	Health sciences	Public health
213	Health services research	2016	2020	Health sciences	Public health
215	Public health	1985	2020	Health sciences	Public health
219	Public health and epidemiology	1958	1983	Health sciences	Public health
205	Dentistry	1958	1963	Health sciences	Health sciences, other
227	Gerontology (health sciences)	2010	2020	Health sciences	Health sciences, other
298	Health sciences, general	1963	2020	Health sciences	Health sciences, other
299	Health sciences, other	1958	2020	Health sciences	Health sciences, other
212	Health systems administration	1993	2020	Health sciences	Health sciences, other
224	Hospital administration	1958	1978	Health sciences	Health sciences, other
222	Kinesiology/ exercise science	1994	2020	Health sciences	Health sciences, other
577	Medical physics/ radiological science	2010	2020	Health sciences	Health sciences, other
225	Medicine and surgery	1958	1977	Health sciences	Health sciences, other
235	Optometry and ophthalmology	1958	1963	Health sciences	Health sciences, other
207	Oral biology/ oral pathology	2010	2020	Health sciences	Health sciences, other
245	Rehabilitation/ therapeutic services	1991	2020	Health sciences	Health sciences, other
200	Speech-language pathology and audiology	1970	2020	Health sciences	Health sciences, other
420	Applied mathematics	1958	2020	Mathematics and statistics	Applied mathematics
425	Algebra	1958	2020	Mathematics and statistics	Mathematics
430	Analysis and functional analysis	1958	2020	Mathematics and statistics	Mathematics
461	Computational mathematics	2018	2020	Mathematics and statistics	Mathematics
460	Computing theory and practice	1960	2020	Mathematics and statistics	Mathematics
435	Geometry/ geometric analysis	1958	2020	Mathematics and statistics	Mathematics
440	Logic	1958	2020	Mathematics and statistics	Mathematics
445	Number theory	1958	2020	Mathematics and statistics	Mathematics
455	Topology/ foundations	1958	2020	Mathematics and statistics	Mathematics
450	Statistics (mathematics)	1958	2020	Mathematics and statistics	Statistics
498	Mathematics/ statistics, general	1958	2020	Mathematics and statistics	Mathematics and statistics, other
499	Mathematics/ statistics, other	1958	2020	Mathematics and statistics	Mathematics and statistics, other
465	Operations research (mathematics)	1974	2020	Mathematics and statistics	Mathematics and statistics, other
500	Astronomy	1969	2020	Physical sciences	Astronomy and astrophysics
506	Astronomy and astrophysics	1958	1969	Physical sciences	Astronomy and astrophysics
509	Astronomy and astrophysics, other	2010	2020	Physical sciences	Astronomy and astrophysics
505	Astrophysics	1969	2020	Physical sciences	Astronomy and astrophysics
521	Agriculture and food chemistry	1958	1980	Physical sciences	Chemistry
520	Analytical chemistry	1958	2020	Physical sciences	Chemistry
527	Chemical biology	2016	2020	Physical sciences	Chemistry
538	Chemistry, general	1958	2020	Physical sciences	Chemistry
539	Chemistry, other	1958	2020	Physical sciences	Chemistry
522	Inorganic chemistry	1958	2020	Physical sciences	Chemistry
528	Medicinal chemistry	1958	2020	Physical sciences	Chemistry
524	Nuclear chemistry	1960	2004	Physical sciences	Chemistry
526	Organic chemistry	1958	2020	Physical sciences	Chemistry
530	Physical chemistry	1958	2020	Physical sciences	Chemistry
532	Polymer chemistry	1974	2020	Physical sciences	Chemistry
534	Theoretical chemistry	1960	2020	Physical sciences	Chemistry
560	Acoustics	1958	2020	Physical sciences	Physics
576	Applied physics	2004	2020	Physical sciences	Physics
561	Atomic/ molecular/ chemical physics	1958	2020	Physical sciences	Physics

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Historical SED-FOS code	Historical SED field of study	First year	Last year	Trend broad field	Trend major field
565	Biophysics (physics)	2004	2020	Physical sciences	Physics
574	Condensed matter/ low-temperature physics	1958	2020	Physical sciences	Physics
563	Electromagnetism	1958	1980	Physical sciences	Physics
562	Electron physics	1983	1991	Physical sciences	Physics
564	Elementary particle physics	1963	2020	Physical sciences	Physics
566	Fluids physics	1960	2004	Physical sciences	Physics
567	Mechanics	1958	1977	Physical sciences	Physics
568	Nuclear physics	1958	2020	Physical sciences	Physics
569	Optics and photonics	1958	2020	Physical sciences	Physics
578	Physics, general	1958	2020	Physical sciences	Physics
579	Physics, other	1958	2020	Physical sciences	Physics
570	Plasma/ high-temperature physics	1969	2020	Physical sciences	Physics
572	Polymer physics	1983	2020	Physical sciences	Physics
575	Theoretical physics	1958	1963	Physical sciences	Physics
573	Thermal physics	1960	1982	Physical sciences	Physics
600	Clinical psychology	1958	2020	Psychology	Clinical psychology
602	Behavioral analysis	2012	2020	Psychology	Counseling and applied psychology
642	Community psychology	2016	2020	Psychology	Counseling and applied psychology
609	Counseling	1958	2020	Psychology	Counseling and applied psychology
618	Educational psychology (psychology)	1958	2020	Psychology	Counseling and applied psychology
620	Family psychology	1995	2020	Psychology	Counseling and applied psychology
614	Health and medical psychology	2012	2020	Psychology	Counseling and applied psychology
621	Industrial and organizational psychology	1958	2020	Psychology	Counseling and applied psychology
610	Marriage and family therapy/ counseling	2016	2020	Psychology	Counseling and applied psychology
636	School psychology (psychology)	1960	2020	Psychology	Counseling and applied psychology
626	Cognitive neuroscience	2016	2020	Psychology	Research and experimental psychology
603	Cognitive psychology and psycholinguistics	1983	2020	Psychology	Research and experimental psychology
606	Comparative psychology	1964	2010	Psychology	Research and experimental psychology
612	Developmental and child psychology	1958	2020	Psychology	Research and experimental psychology
615	Experimental psychology	1964	2020	Psychology	Research and experimental psychology
616	Experimental, comparative, and physiological psychology	1958	1964	Psychology	Research and experimental psychology
627	Neuropsychology/ physiological psychology	1964	2020	Psychology	Research and experimental psychology
624	Personality psychology	1960	2020	Psychology	Research and experimental psychology
630	Psychometrics	1958	2004	Psychology	Research and experimental psychology
633	Psychometrics and quantitative psychology	1983	2020	Psychology	Research and experimental psychology

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Historical SED-FOS code	Historical SED field of study	First year	Last year	Trend broad field	Trend major field
639	Social psychology	1958	2020	Psychology	Research and experimental psychology
613	Human development and family studies	1994	2020	Psychology	Psychology, other
619	Human engineering	1958	1963	Psychology	Psychology, other
648	Psychology, general	1958	2020	Psychology	Psychology, other
649	Psychology, other	1958	2020	Psychology	Psychology, other
655	Anthropology, cultural	2014	2020	Social sciences	Anthropology
650	Anthropology, general	1958	2020	Social sciences	Anthropology
656	Anthropology, physical and biological	2014	2020	Social sciences	Anthropology
668	Econometrics	1958	2020	Social sciences	Economics
665	Natural resources/ environmental economics (social sciences)	2012	2020	Social sciences	Economics
667	Other economics	1958	2020	Social sciences	Economics
678	Political science and government	1976	2020	Social sciences	Political science and government
679	Political science, public administration	1958	1976	Social sciences	Political science and government
217	Health policy analysis	2012	2020	Social sciences	Public policy analysis
682	Public policy analysis	1983	2020	Social sciences	Public policy analysis
662	Demography/ population studies	1983	2020	Social sciences	Sociology, demography, and population studies
686	Sociology	1958	2020	Social sciences	Sociology, demography, and population studies
770	American/ U.S. studies	1975	2020	Social sciences	Social sciences, other
675	Applied linguistics	2016	2020	Social sciences	Social sciences, other
654	Archaeology (social sciences)	2018	2020	Social sciences	Social sciences, other
652	Area/ ethnic/ cultural studies	1958	2020	Social sciences	Social sciences, other
657	Criminal justice and corrections	2007	2020	Social sciences	Social sciences, other
658	Criminology	1980	2020	Social sciences	Social sciences, other
651	Gender and women's studies	2014	2020	Social sciences	Social sciences, other
670	Geography	1958	2020	Social sciences	Social sciences, other
684	Gerontology (social sciences)	2010	2020	Social sciences	Social sciences, other
710	History, science and technology and society	1971	2020	Social sciences	Social sciences, other
674	International relations/ affairs	1958	2020	Social sciences	Social sciences, other
676	Linguistics	2007	2020	Social sciences	Social sciences, other
729	Linguistics	1958	2007	Social sciences	Social sciences, other
698	Social sciences, general	1958	2020	Social sciences	Social sciences, other
699	Social sciences, other	1958	2020	Social sciences	Social sciences, other
690	Statistics (social sciences)	1967	2020	Social sciences	Social sciences, other
694	Urban studies/ affairs	1971	2020	Social sciences	Social sciences, other
695	Urban, city, community and regional planning	2007	2020	Social sciences	Social sciences, other
900	Accounting	1983	2020	Business	Business
905	Banking/financial services	1983	2012	Business	Business
910	Business administration and management	1983	2020	Business	Business
938	Business management/ administration, general	1983	2020	Business	Business
939	Business management/ administration, other	1958	2020	Business	Business
925	Business statistics	1983	1991	Business	Business
915	Business/ managerial economics	1983	2020	Business	Business
901	Finance	2007	2020	Business	Business
912	Hospitality, food service and tourism management	2010	2020	Business	Business

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921	Human resources development	2004	2020	Business	Business
916	International business/ trade/ commerce	1994	2020	Business	Business
917	Management information systems/ business statistics	1991	2020	Business	Business
920	Marketing management and research	1983	2020	Business	Business
930	Operations research (business)	1983	2020	Business	Business
935	Organizational behavior	1983	2020	Business	Business
805	Educational administration and supervision	1960	2020	Education	Education leadership and administration
804	Educational and human resource studies/ development	2012	2020	Education	Education leadership and administration
807	Educational leadership	1991	2020	Education	Education leadership and administration
806	Urban education and leadership	2010	2020	Education	Education leadership and administration
840	Counseling education/ counseling and guidance	1963	2020	Education	Education research
800	Curriculum and instruction	1973	2020	Education	Education research
820	Educational assessment/ testing/ measurement	1983	2020	Education	Education research
814	Educational measurement and statistics	1963	1983	Education	Education research
808	Educational policy analysis	2010	2020	Education	Education research
822	Educational psychology (education)	1963	2020	Education	Education research
815	Educational statistics/ research methods	1983	2020	Education	Education research
810	Educational/ instructional media design	1963	2020	Education	Education research
812	Educational/ instructional technology	2012	2020	Education	Education research
845	Higher education evaluation and research	1973	2020	Education	Education research
833	International education	2010	2020	Education	Education research
801	Learning sciences	2018	2020	Education	Education research
825	School psychology (education)	1983	2020	Education	Education research
830	Social/ philosophical foundations of education	1963	2020	Education	Education research
835	Special education	1963	2020	Education	Education research
858	Adult and continuing teacher education	1973	2020	Education	Teacher education and teaching fields
860	Agricultural education	1960	2020	Education	Teacher education and teaching fields
861	Art education	1963	2020	Education	Teacher education and teaching fields
865	Bilingual and multilingual education	2012	2020	Education	Teacher education and teaching fields
862	Business education	1963	2010	Education	Teacher education and teaching fields
852	Elementary teacher education	1960	2020	Education	Teacher education and teaching fields
863	English as a second or foreign language	2014	2020	Education	Teacher education and teaching fields
864	English education	1963	2020	Education	Teacher education and teaching fields
870	Family and consumer/ human science education	1963	2020	Education	Teacher education and teaching fields
866	Foreign languages education	1963	2020	Education	Teacher education and teaching fields
868	Health education	1983	2020	Education	Teacher education and teaching fields

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Historical SED-FOS code	Historical SED field of study	First year	Last year	Trend broad field	Trend major field
854	Junior high education	1983	1988	Education	Teacher education and teaching fields
882	Literacy and reading education	1976	2020	Education	Teacher education and teaching fields
874	Mathematics education	1963	2020	Education	Teacher education and teaching fields
876	Music education	1963	2020	Education	Teacher education and teaching fields
878	Nursing education	1980	2020	Education	Teacher education and teaching fields
880	Physical education and coaching	1983	2020	Education	Teacher education and teaching fields
867	Physical education, health and recreation	1960	1983	Education	Teacher education and teaching fields
850	Pre-elementary/ early childhood teacher education	1980	2020	Education	Teacher education and teaching fields
884	Science education	1960	2020	Education	Teacher education and teaching fields
856	Secondary teacher education	1960	2020	Education	Teacher education and teaching fields
885	Social science education	1963	2020	Education	Teacher education and teaching fields
886	Speech education	1975	1991	Education	Teacher education and teaching fields
889	Teacher education and professional development, other	1963	2020	Education	Teacher education and teaching fields
872	Technical and industrial arts education	1963	2004	Education	Teacher education and teaching fields
887	Technical education	1988	2007	Education	Teacher education and teaching fields
888	Trade and industrial education	1963	2020	Education	Teacher education and teaching fields
898	Education, general	1958	2020	Education	Education, other
899	Education, other	1963	2020	Education	Education, other
895	Workforce education and development	2014	2020	Education	Education, other
768	Arabic language and literature	1983	2020	Humanities and arts	Foreign languages and literature
758	Chinese language and literature	1983	2020	Humanities and arts	Foreign languages and literature
769	Foreign languages and literatures, other	1958	2020	Humanities and arts	Foreign languages and literature
740	French language and literature	1967	2020	Humanities and arts	Foreign languages and literature
743	Germanic language and literature	1967	2020	Humanities and arts	Foreign languages and literature
765	Hebrew	1983	2004	Humanities and arts	Foreign languages and literature
746	Italian language and literature	1967	2020	Humanities and arts	Foreign languages and literature
762	Japanese language and literature	1983	2020	Humanities and arts	Foreign languages and literature
750	Latin American languages and literature	2012	2020	Humanities and arts	Foreign languages and literature
752	Russian language and literature	1967	2020	Humanities and arts	Foreign languages and literature
755	Slavic (other than Russian)	1983	2010	Humanities and arts	Foreign languages and literature
749	Spanish language and literature	1967	2020	Humanities and arts	Foreign languages and literature
706	African history	2004	2020	Humanities and arts	History
700	American history (U.S. and Canada)	1969	2020	Humanities and arts	History
703	Asian history	1995	2020	Humanities and arts	History
705	European history	1969	2020	Humanities and arts	History
718	History, general	1958	2020	Humanities and arts	History
719	History, other	1969	2020	Humanities and arts	History
707	Latin American history	2004	2020	Humanities and arts	History
708	Middle/ Near East history	2007	2020	Humanities and arts	History

Table A-6. Historical SED-FOS code crosswalk to trend broad and major fields for data collected prior to SED 2021: 2025

(Field)

Historical SED-FOS code	Historical SED field of study	First year	Last year	Trend broad field	Trend major field
732	American literature (U.S. and Canada)	1969	2020	Humanities and arts	Letters
720	Classics	1958	2020	Humanities and arts	Letters
723	Comparative literature	1976	2020	Humanities and arts	Letters
735	Creative writing	2007	2020	Humanities and arts	Letters
725	English and American literature	1958	1969	Humanities and arts	Letters
734	English language	1985	2020	Humanities and arts	Letters
726	English language and literature	1969	1985	Humanities and arts	Letters
733	English literature (British and commonwealth)	1983	2020	Humanities and arts	Letters
724	Folklore	2004	2016	Humanities and arts	Letters
738	Letters, general	1983	2020	Humanities and arts	Letters
739	Letters, other	1983	2020	Humanities and arts	Letters
737	Rhetoric and composition	2012	2020	Humanities and arts	Letters
736	Speech and rhetorical studies	1958	2020	Humanities and arts	Letters
796	Dance	2016	2020	Humanities and arts	Music and performing arts
795	Drama/ theater arts/ performance studies	1977	2020	Humanities and arts	Music and performing arts
780	Music	1958	2020	Humanities and arts	Music and performing arts
787	Music performance	2007	2020	Humanities and arts	Music and performing arts
786	Music theory and composition	2007	2020	Humanities and arts	Music and performing arts
789	Music, other	2007	2020	Humanities and arts	Music and performing arts
788	Musicology/ ethnomusicology	2007	2020	Humanities and arts	Music and performing arts
777	Jewish/ Judaic studies	2012	2020	Humanities and arts	Philosophy and religious studies
785	Philosophy	1958	2020	Humanities and arts	Philosophy and religious studies
790	Religion/ religious studies	1973	2020	Humanities and arts	Philosophy and religious studies
731	African American studies/ literature/ history	2018	2020	Humanities and arts	Humanities and arts, other
773	Archaeology (humanities)	1958	2020	Humanities and arts	Humanities and arts, other
776	Art history/ criticism/ conservation	1969	2020	Humanities and arts	Humanities and arts, other
774	Art, applied	1969	1977	Humanities and arts	Humanities and arts, other
775	Art, fine and applied	1958	1969	Humanities and arts	Humanities and arts, other
792	Bible/ biblical studies	2007	2020	Humanities and arts	Humanities and arts, other
784	Ethics	2012	2020	Humanities and arts	Humanities and arts, other
778	Film/ cinema/ media studies	2012	2020	Humanities and arts	Humanities and arts, other
798	Humanities, general	1958	2020	Humanities and arts	Humanities and arts, other
799	Humanities, other	1958	2020	Humanities and arts	Humanities and arts, other
791	Religion and theology	1958	1973	Humanities and arts	Humanities and arts, other
984	Theology/ religious education	1973	2020	Humanities and arts	Humanities and arts, other
940	Communication research	1983	2020	Other non-science and engineering	Communication
957	Communication theory	1991	2020	Other non-science and engineering	Communication
958	Communication, general	1983	2020	Other non-science and engineering	Communication
959	Communication, other	1972	2020	Other non-science and engineering	Communication
950	Film, radio, TV and digital communication	1983	2020	Other non-science and engineering	Communication
945	Journalism	1958	1991	Other non-science and engineering	Communication
947	Mass communication/ media studies	1991	2020	Other non-science and engineering	Communication
976	Public administration	1976	2020	Other non-science and engineering	Public administration and social services

Table A-6. Historical SED-FOS code crosswalk to trend broad and major fields for data collected prior to SED 2021: 2025

(Field)

Historical SED-FOS code	Historical SED field of study	First year	Last year	Trend broad field	Trend major field
980	Social work	1960	2020	Other non-science and engineering	Public administration and social services
960	Architecture/ environmental design	1958	2020	Other non-science and engineering	Non-science and engineering, other
964	Family/ consumer sciences/ human sciences	1958	2020	Other non-science and engineering	Non-science and engineering, other
968	Law	1958	2020	Other non-science and engineering	Non-science and engineering, other
972	Library science	1958	2020	Other non-science and engineering	Non-science and engineering, other
974	Parks/ sports/ recreation/ leisure/ fitness	1993	2020	Other non-science and engineering	Non-science and engineering, other
988	Professional fields, general	1983	2004	Other non-science and engineering	Non-science and engineering, other
989	Other fields nec	1970	2020	Other non-science and engineering	Non-science and engineering, other
999	Unknown field	1958	2008	Other non-science and engineering	Non-science and engineering, other

FOS= field of study; nec = not elsewhere classified; SED = Survey of Earned Doctorates.

Note(s):

The survey data collection for the field of study changed in 2021, which may affect the data comparison across years. This table provides a crosswalk between the historical (pre-2021) SED-FOS code to the trend field taxonomy used in the current tables for trend comparisons with prior years (see table A-7). For more information about the field taxonomy changes, see the "Technical Notes."

Source(s):

National Center for Science and Engineering Statistics, Survey of Earned Doctorates.