

List of aligned programs and all high-paying and lower-paying occupations available to workers with those credentials

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
10201	Agricultural mechanization, general	High-paying	Blue-collar	493041	Farm equipment mechanics and service technicians
10201	Agricultural mechanization, general	Lower-paying	Education	251041	Agricultural sciences teachers, postsecondary
10204	Agricultural power machinery operation	High-paying	Blue-collar	493041	Farm equipment mechanics and service technicians
10204	Agricultural power machinery operation	Lower-paying	Blue-collar	452091	Agricultural equipment operators
10204	Agricultural power machinery operation	Lower-paying	Education	251041	Agricultural sciences teachers, postsecondary
10205	Agricultural mechanics and equipment/machine technology/technician	High-paying	Blue-collar	493041	Farm equipment mechanics and service technicians
10205	Agricultural mechanics and equipment/machine technology/technician	High-paying	Blue-collar	493042	Mobile heavy equipment mechanics, except engines
10205	Agricultural mechanics and equipment/machine technology/technician	Lower-paying	Blue-collar	493011	Aircraft mechanics and service technicians
10299	Agricultural mechanization, other	High-paying	Blue-collar	493041	Farm equipment mechanics and service technicians
10299	Agricultural mechanization, other	Lower-paying	Education	251041	Agricultural sciences teachers, postsecondary
18202	Veterinary office management/administration	High-paying	Managerial and professional office	111021	General and operations managers
18202	Veterinary office management/administration	Lower-paying	Managerial and professional office	113012	Administrative services managers
18202	Veterinary office management/administration	Lower-paying	Managerial and professional office	119111	Medical and health services managers
18202	Veterinary office management/administration	Lower-paying	Sales and office support	431011	First-line supervisors of office and administrative support workers
30104	Environmental science	High-paying	STEM	194042	Environmental science and protection

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					technicians, including health
30104	Environmental science	Lower-paying	Education	251053	Environmental science teachers, postsecondary
30104	Environmental science	Lower-paying	Managerial and professional office	131041	Compliance officers
30104	Environmental science	Lower-paying	STEM	192041	Environmental scientists and specialists, including health
30104	Environmental science	Lower-paying	STEM	194071	Forest and conservation technicians
30208	Environmental/natural resources law enforcement and protective services	High-paying	Food and personal services	331012	First-line supervisors of police and detectives
30208	Environmental/natural resources law enforcement and protective services	High-paying	Food and personal services	332011	Firefighters
30208	Environmental/natural resources law enforcement and protective services	High-paying	Food and personal services	333021	Detectives and criminal investigators
30208	Environmental/natural resources law enforcement and protective services	High-paying	Food and personal services	333051	Police and sheriff's patrol officers
30208	Environmental/natural resources law enforcement and protective services	Lower-paying	Education	251111	Criminal justice and law enforcement teachers, postsecondary
30208	Environmental/natural resources law enforcement and protective services	Lower-paying	Food and personal services	331021	First-line supervisors of firefighting and prevention workers
30208	Environmental/natural resources law enforcement and protective services	Lower-paying	Food and personal services	332022	Forest fire inspectors and prevention specialists
30208	Environmental/natural resources law enforcement and protective services	Lower-paying	Food and personal services	333031	Fish and game wardens
30208	Environmental/natural resources law enforcement and protective services	Lower-paying	Food and personal services	339092	Lifeguards, ski patrol, and other recreational protective service workers

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
30208	Environmental/natural resources law enforcement and protective services	Lower-paying	Managerial and professional office	131041	Compliance officers
40201	Architecture	High-paying	Managerial and professional office	119041	Architectural and engineering managers
40201	Architecture	Lower-paying	Education	251031	Architecture teachers, postsecondary
40201	Architecture	Lower-paying	STEM	171011	Architects, except landscape and naval
40301	City/urban, community, and regional planning	High-paying	Managerial and professional office	119041	Architectural and engineering managers
40301	City/urban, community, and regional planning	Lower-paying	Education	251031	Architecture teachers, postsecondary
40301	City/urban, community, and regional planning	Lower-paying	Education	251069	Social sciences teachers, postsecondary, all other
40301	City/urban, community, and regional planning	Lower-paying	STEM	193051	Urban and regional planners
40401	Environmental design/architecture	High-paying	Managerial and professional office	119041	Architectural and engineering managers
40401	Environmental design/architecture	Lower-paying	Education	251031	Architecture teachers, postsecondary
40401	Environmental design/architecture	Lower-paying	STEM	171011	Architects, except landscape and naval
40401	Environmental design/architecture	Lower-paying	STEM	171012	Landscape architects
40501	Interior architecture	High-paying	Managerial and professional office	119041	Architectural and engineering managers
40501	Interior architecture	Lower-paying	Community services and arts	271025	Interior designers
40501	Interior architecture	Lower-paying	Education	251031	Architecture teachers, postsecondary
40601	Landscape architecture	High-paying	Managerial and professional office	119041	Architectural and engineering managers
40601	Landscape architecture	Lower-paying	Education	251031	Architecture teachers, postsecondary
40601	Landscape architecture	Lower-paying	STEM	171012	Landscape architects
40902	Architectural and building sciences/technology	High-paying	Managerial and professional office	119041	Architectural and engineering managers
40902	Architectural and building sciences/technology	Lower-paying	Education	251031	Architecture teachers, postsecondary

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40902	Architectural and building sciences/technology	Lower-paying	STEM	173011	Architectural and civil drafters
110101	Computer and information sciences, general	High-paying	Managerial and professional office	113021	Computer and information systems managers
110101	Computer and information sciences, general	High-paying	STEM	151211	Computer systems analysts
110101	Computer and information sciences, general	High-paying	STEM	151241	Computer network architects
110101	Computer and information sciences, general	High-paying	STEM	151242	Database administrators
110101	Computer and information sciences, general	High-paying	STEM	151243	Database architects
110101	Computer and information sciences, general	High-paying	STEM	151244	Network and computer systems administrators
110101	Computer and information sciences, general	Lower-paying	Education	251021	Computer science teachers, postsecondary
110101	Computer and information sciences, general	Lower-paying	STEM	151221	Computer and information research scientists
110101	Computer and information sciences, general	Lower-paying	STEM	151253	Software quality assurance analysts and testers
110101	Computer and information sciences, general	Lower-paying	STEM	151255	Web and digital interface designers
110101	Computer and information sciences, general	Lower-paying	STEM	151299	Computer occupations, all other
110102	Artificial intelligence	High-paying	STEM	151252	Software developers
110102	Artificial intelligence	Lower-paying	Education	251021	Computer science teachers, postsecondary
110102	Artificial intelligence	Lower-paying	STEM	151221	Computer and information research scientists
110102	Artificial intelligence	Lower-paying	STEM	152051	Data scientists
110103	Information technology	High-paying	Managerial and professional office	113021	Computer and information systems managers
110103	Information technology	High-paying	STEM	151211	Computer systems analysts

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110103	Information technology	High-paying	STEM	151212	Information security analysts
110103	Information technology	High-paying	STEM	151241	Computer network architects
110103	Information technology	High-paying	STEM	151243	Database architects
110103	Information technology	High-paying	STEM	151252	Software developers
110103	Information technology	Lower-paying	STEM	151221	Computer and information research scientists
110103	Information technology	Lower-paying	STEM	151253	Software quality assurance analysts and testers
110103	Information technology	Lower-paying	STEM	152051	Data scientists
110104	Informatics	High-paying	STEM	151252	Software developers
110104	Informatics	Lower-paying	STEM	151221	Computer and information research scientists
110104	Informatics	Lower-paying	STEM	151253	Software quality assurance analysts and testers
110104	Informatics	Lower-paying	STEM	151255	Web and digital interface designers
110201	Computer programming/programmer, general	High-paying	STEM	151251	Computer programmers
110201	Computer programming/programmer, general	High-paying	STEM	151252	Software developers
110201	Computer programming/programmer, general	High-paying	STEM	151254	Web developers
110201	Computer programming/programmer, general	Lower-paying	Education	251021	Computer science teachers, postsecondary
110201	Computer programming/programmer, general	Lower-paying	STEM	151231	Computer network support specialists
110201	Computer programming/programmer, general	Lower-paying	STEM	151253	Software quality assurance analysts and testers
110201	Computer programming/programmer, general	Lower-paying	STEM	151255	Web and digital interface designers
110202	Computer programming, specific applications	High-paying	STEM	151251	Computer programmers
110202	Computer programming, specific applications	High-paying	STEM	151252	Software developers

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
110202	Computer programming, specific applications	Lower-paying	STEM	151253	Software quality assurance analysts and testers
110203	Computer programming, vendor/product certification	High-paying	STEM	151251	Computer programmers
110203	Computer programming, vendor/product certification	High-paying	STEM	151252	Software developers
110203	Computer programming, vendor/product certification	Lower-paying	STEM	151253	Software quality assurance analysts and testers
110204	Computer game programming	High-paying	STEM	151251	Computer programmers
110204	Computer game programming	High-paying	STEM	151252	Software developers
110204	Computer game programming	Lower-paying	STEM	151253	Software quality assurance analysts and testers
110205	Computer programming, specific platforms	High-paying	STEM	151251	Computer programmers
110205	Computer programming, specific platforms	High-paying	STEM	151252	Software developers
110205	Computer programming, specific platforms	Lower-paying	STEM	151253	Software quality assurance analysts and testers
110299	Computer programming, other	High-paying	STEM	151251	Computer programmers
110401	Information science/studies	High-paying	Managerial and professional office	113021	Computer and information systems managers
110401	Information science/studies	High-paying	STEM	151243	Database architects
110401	Information science/studies	High-paying	STEM	151252	Software developers
110401	Information science/studies	Lower-paying	Education	251021	Computer science teachers, postsecondary
110401	Information science/studies	Lower-paying	STEM	151221	Computer and information research scientists
110401	Information science/studies	Lower-paying	STEM	151255	Web and digital interface designers
110401	Information science/studies	Lower-paying	STEM	151299	Computer occupations, all other
110501	Computer systems analysis/analyst	High-paying	STEM	151211	Computer systems analysts
110501	Computer systems analysis/analyst	High-paying	STEM	151241	Computer network architects

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110501	Computer systems analysis/analyst	High-paying	STEM	151243	Database architects
110501	Computer systems analysis/analyst	Lower-paying	Education	251021	Computer science teachers, postsecondary
110501	Computer systems analysis/analyst	Lower-paying	STEM	151231	Computer network support specialists
110501	Computer systems analysis/analyst	Lower-paying	STEM	151253	Software quality assurance analysts and testers
110701	Computer science	High-paying	Managerial and professional office	113021	Computer and information systems managers
110701	Computer science	High-paying	STEM	151212	Information security analysts
110701	Computer science	High-paying	STEM	151243	Database architects
110701	Computer science	High-paying	STEM	151251	Computer programmers
110701	Computer science	High-paying	STEM	151252	Software developers
110701	Computer science	High-paying	STEM	151254	Web developers
110701	Computer science	Lower-paying	Education	251021	Computer science teachers, postsecondary
110701	Computer science	Lower-paying	STEM	151221	Computer and information research scientists
110701	Computer science	Lower-paying	STEM	151231	Computer network support specialists
110701	Computer science	Lower-paying	STEM	151253	Software quality assurance analysts and testers
110701	Computer science	Lower-paying	STEM	151255	Web and digital interface designers
110701	Computer science	Lower-paying	STEM	151299	Computer occupations, all other
110701	Computer science	Lower-paying	STEM	152051	Data scientists
110801	Web page, digital/multimedia and information resources design	High-paying	STEM	151254	Web developers
110801	Web page, digital/multimedia and information resources design	Lower-paying	Community services and arts	271014	Special effects artists and animators
110801	Web page, digital/multimedia and information resources design	Lower-paying	Community services and arts	271024	Graphic designers
110801	Web page, digital/multimedia and information resources design	Lower-paying	Education	251194	Career/technical education teachers, postsecondary

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	information resources design				
110801	Web page, digital/multimedia and information resources design	Lower-paying	STEM	151255	Web and digital interface designers
110802	Data modeling/warehousing and database administration	High-paying	Managerial and professional office	113021	Computer and information systems managers
110802	Data modeling/warehousing and database administration	High-paying	STEM	151242	Database administrators
110802	Data modeling/warehousing and database administration	High-paying	STEM	151243	Database architects
110802	Data modeling/warehousing and database administration	Lower-paying	Education	251194	Career/technical education teachers, postsecondary
110802	Data modeling/warehousing and database administration	Lower-paying	STEM	152051	Data scientists
110803	Computer graphics	High-paying	STEM	151251	Computer programmers
110803	Computer graphics	Lower-paying	Community services and arts	271024	Graphic designers
110803	Computer graphics	Lower-paying	Education	251194	Career/technical education teachers, postsecondary
110804	Modeling, virtual environments and simulation	High-paying	STEM	151251	Computer programmers
110804	Modeling, virtual environments and simulation	High-paying	STEM	151252	Software developers
110804	Modeling, virtual environments and simulation	Lower-paying	Community services and arts	271014	Special effects artists and animators
110804	Modeling, virtual environments and simulation	Lower-paying	Education	251021	Computer science teachers, postsecondary
110804	Modeling, virtual environments and simulation	Lower-paying	STEM	151221	Computer and information research scientists

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110804	Modeling, virtual environments and simulation	Lower-paying	STEM	152051	Data scientists
110901	Computer systems networking and telecommunications	High-paying	Managerial and professional office	113021	Computer and information systems managers
110901	Computer systems networking and telecommunications	High-paying	STEM	151211	Computer systems analysts
110901	Computer systems networking and telecommunications	High-paying	STEM	151212	Information security analysts
110901	Computer systems networking and telecommunications	High-paying	STEM	151241	Computer network architects
110901	Computer systems networking and telecommunications	Lower-paying	Education	251021	Computer science teachers, postsecondary
110901	Computer systems networking and telecommunications	Lower-paying	STEM	151231	Computer network support specialists
110902	Cloud computing	High-paying	STEM	151241	Computer network architects
110902	Cloud computing	High-paying	STEM	151243	Database architects
110902	Cloud computing	High-paying	STEM	151251	Computer programmers
110902	Cloud computing	High-paying	STEM	151252	Software developers
110902	Cloud computing	Lower-paying	Education	251021	Computer science teachers, postsecondary
110902	Cloud computing	Lower-paying	STEM	151221	Computer and information research scientists
110902	Cloud computing	Lower-paying	STEM	151231	Computer network support specialists
111001	Network and system administration/administrator	High-paying	Managerial and professional office	113021	Computer and information systems managers
111001	Network and system administration/administrator	High-paying	STEM	151212	Information security analysts
111001	Network and system administration/administrator	High-paying	STEM	151241	Computer network architects
111001	Network and system administration/administrator	High-paying	STEM	151244	Network and computer systems administrators
111001	Network and system administration/administrator	Lower-paying	STEM	151231	Computer network support specialists

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
111002	System, networking, and lan/wan management/manager	High-paying	Managerial and professional office	113021	Computer and information systems managers
111002	System, networking, and lan/wan management/manager	High-paying	STEM	151212	Information security analysts
111002	System, networking, and lan/wan management/manager	Lower-paying	STEM	151231	Computer network support specialists
111003	Computer and information systems security/auditing/information assurance	High-paying	Managerial and professional office	113021	Computer and information systems managers
111003	Computer and information systems security/auditing/information assurance	High-paying	STEM	151212	Information security analysts
111003	Computer and information systems security/auditing/information assurance	High-paying	STEM	151241	Computer network architects
111003	Computer and information systems security/auditing/information assurance	High-paying	STEM	151242	Database administrators
111003	Computer and information systems security/auditing/information assurance	High-paying	STEM	151243	Database architects
111003	Computer and information systems security/auditing/information assurance	High-paying	STEM	151244	Network and computer systems administrators
111003	Computer and information systems security/auditing/information assurance	Lower-paying	STEM	151231	Computer network support specialists
111004	Web/multimedia management and webmaster	High-paying	STEM	151254	Web developers
111004	Web/multimedia management and webmaster	Lower-paying	STEM	151255	Web and digital interface designers
111005	Information technology project management	High-paying	Managerial and professional office	113021	Computer and information systems managers
111005	Information technology project management	High-paying	Managerial and professional office	131082	Project management specialists

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111005	Information technology project management	High-paying	STEM	151212	Information security analysts
111005	Information technology project management	Lower-paying	Managerial and professional office	119199	Managers, all other
111005	Information technology project management	Lower-paying	STEM	151299	Computer occupations, all other
130601	Educational evaluation and research	High-paying	Managerial and professional office	131111	Management analysts
130601	Educational evaluation and research	Lower-paying	Education	251081	Education teachers, postsecondary
130601	Educational evaluation and research	Lower-paying	STEM	193099	Social scientists and related workers, all other
130699	Educational assessment, evaluation, and research, other	High-paying	Managerial and professional office	131111	Management analysts
130699	Educational assessment, evaluation, and research, other	Lower-paying	Education	251081	Education teachers, postsecondary
130699	Educational assessment, evaluation, and research, other	Lower-paying	STEM	152041	Statisticians
130699	Educational assessment, evaluation, and research, other	Lower-paying	STEM	193099	Social scientists and related workers, all other
140101	Engineering, general	High-paying	Managerial and professional office	119041	Architectural and engineering managers
140101	Engineering, general	High-paying	STEM	172199	Engineers, all other
140101	Engineering, general	Lower-paying	Education	251032	Engineering teachers, postsecondary
140103	Applied engineering	High-paying	STEM	172199	Engineers, all other
140201	Aerospace, aeronautical, and astronautical/space engineering, general	High-paying	Managerial and professional office	119041	Architectural and engineering managers
140201	Aerospace, aeronautical, and astronautical/space engineering, general	High-paying	STEM	172011	Aerospace engineers
140201	Aerospace, aeronautical, and astronautical/space engineering, general	Lower-paying	Education	251032	Engineering teachers, postsecondary
140301	Agricultural engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
140301	Agricultural engineering	High-paying	STEM	172021	Agricultural engineers
140301	Agricultural engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary

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140501	Bioengineering and biomedical engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
140501	Bioengineering and biomedical engineering	High-paying	STEM	172031	Bioengineers and biomedical engineers
140501	Bioengineering and biomedical engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
140601	Ceramic sciences and engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
140601	Ceramic sciences and engineering	High-paying	STEM	172041	Chemical engineers
140601	Ceramic sciences and engineering	High-paying	STEM	172131	Materials engineers
140601	Ceramic sciences and engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
140701	Chemical engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
140701	Chemical engineering	High-paying	STEM	172041	Chemical engineers
140701	Chemical engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
140702	Chemical and biomolecular engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
140702	Chemical and biomolecular engineering	High-paying	STEM	172031	Bioengineers and biomedical engineers
140702	Chemical and biomolecular engineering	High-paying	STEM	172041	Chemical engineers
140702	Chemical and biomolecular engineering	High-paying	STEM	172199	Engineers, all other
140702	Chemical and biomolecular engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
140801	Civil engineering, general	High-paying	Managerial and professional office	119041	Architectural and engineering managers
140801	Civil engineering, general	High-paying	STEM	172051	Civil engineers
140801	Civil engineering, general	Lower-paying	Education	251032	Engineering teachers, postsecondary
140802	Geotechnical and geoenvironmental engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
140802	Geotechnical and geoenvironmental engineering	High-paying	STEM	172051	Civil engineers
140802	Geotechnical and geoenvironmental engineering	High-paying	STEM	172081	Environmental engineers

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140802	Geotechnical and geoenvironmental engineering	High-paying	STEM	172151	Mining and geological engineers, including mining safety engineers
140802	Geotechnical and geoenvironmental engineering	High-paying	STEM	172171	Petroleum engineers
140802	Geotechnical and geoenvironmental engineering	High-paying	STEM	172199	Engineers, all other
140802	Geotechnical and geoenvironmental engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
140803	Structural engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
140803	Structural engineering	High-paying	STEM	172051	Civil engineers
140803	Structural engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
140804	Transportation and highway engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
140804	Transportation and highway engineering	High-paying	STEM	172051	Civil engineers
140804	Transportation and highway engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
140805	Water resources engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
140805	Water resources engineering	High-paying	STEM	172051	Civil engineers
140805	Water resources engineering	High-paying	STEM	172081	Environmental engineers
140805	Water resources engineering	High-paying	STEM	172199	Engineers, all other
140805	Water resources engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
140899	Civil engineering, other	High-paying	Managerial and professional office	119041	Architectural and engineering managers
140899	Civil engineering, other	High-paying	STEM	172051	Civil engineers
140899	Civil engineering, other	Lower-paying	Education	251032	Engineering teachers, postsecondary
140901	Computer engineering, general	High-paying	Managerial and professional office	119041	Architectural and engineering managers
140901	Computer engineering, general	High-paying	STEM	151241	Computer network architects

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140901	Computer engineering, general	High-paying	STEM	151243	Database architects
140901	Computer engineering, general	High-paying	STEM	151252	Software developers
140901	Computer engineering, general	High-paying	STEM	172061	Computer hardware engineers
140901	Computer engineering, general	Lower-paying	Education	251032	Engineering teachers, postsecondary
140901	Computer engineering, general	Lower-paying	STEM	151253	Software quality assurance analysts and testers
140902	Computer hardware engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
140902	Computer hardware engineering	High-paying	STEM	172061	Computer hardware engineers
140902	Computer hardware engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
140903	Computer software engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
140903	Computer software engineering	High-paying	STEM	151243	Database architects
140903	Computer software engineering	High-paying	STEM	151252	Software developers
140903	Computer software engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
140903	Computer software engineering	Lower-paying	STEM	151253	Software quality assurance analysts and testers
140999	Computer engineering, other	High-paying	Managerial and professional office	119041	Architectural and engineering managers
140999	Computer engineering, other	High-paying	STEM	151241	Computer network architects
140999	Computer engineering, other	Lower-paying	Education	251032	Engineering teachers, postsecondary
141001	Electrical and electronics engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
141001	Electrical and electronics engineering	High-paying	STEM	172011	Aerospace engineers
141001	Electrical and electronics engineering	High-paying	STEM	172061	Computer hardware engineers
141001	Electrical and electronics engineering	High-paying	STEM	172071	Electrical engineers
141001	Electrical and electronics engineering	High-paying	STEM	172072	Electronics engineers, except computer

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141001	Electrical and electronics engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
141004	Telecommunications engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
141004	Telecommunications engineering	High-paying	STEM	172072	Electronics engineers, except computer
141004	Telecommunications engineering	High-paying	STEM	172199	Engineers, all other
141004	Telecommunications engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
141099	Electrical, electronics, and communications engineering, other	High-paying	Managerial and professional office	119041	Architectural and engineering managers
141099	Electrical, electronics, and communications engineering, other	High-paying	STEM	172071	Electrical engineers
141099	Electrical, electronics, and communications engineering, other	High-paying	STEM	172072	Electronics engineers, except computer
141099	Electrical, electronics, and communications engineering, other	Lower-paying	Education	251032	Engineering teachers, postsecondary
141101	Engineering mechanics	High-paying	Managerial and professional office	119041	Architectural and engineering managers
141101	Engineering mechanics	High-paying	STEM	172141	Mechanical engineers
141101	Engineering mechanics	High-paying	STEM	172199	Engineers, all other
141101	Engineering mechanics	Lower-paying	Education	251032	Engineering teachers, postsecondary
141201	Engineering physics/applied physics	High-paying	Managerial and professional office	119041	Architectural and engineering managers
141201	Engineering physics/applied physics	High-paying	Managerial and professional office	119121	Natural sciences managers
141201	Engineering physics/applied physics	High-paying	STEM	172199	Engineers, all other
141201	Engineering physics/applied physics	Lower-paying	Education	251032	Engineering teachers, postsecondary
141201	Engineering physics/applied physics	Lower-paying	STEM	192012	Physicists
141301	Engineering science	High-paying	Managerial and professional office	119041	Architectural and engineering managers
141301	Engineering science	High-paying	STEM	172199	Engineers, all other
141301	Engineering science	Lower-paying	Education	251032	Engineering teachers, postsecondary

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
141401	Environmental/environmental health engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
141401	Environmental/environmental health engineering	High-paying	STEM	172081	Environmental engineers
141401	Environmental/environmental health engineering	High-paying	STEM	172111	Health and safety engineers, except mining safety engineers and inspectors
141401	Environmental/environmental health engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
141801	Materials engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
141801	Materials engineering	High-paying	Managerial and professional office	131051	Cost estimators
141801	Materials engineering	High-paying	STEM	172131	Materials engineers
141801	Materials engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
141901	Mechanical engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
141901	Mechanical engineering	High-paying	Managerial and professional office	131051	Cost estimators
141901	Mechanical engineering	High-paying	STEM	172011	Aerospace engineers
141901	Mechanical engineering	High-paying	STEM	172141	Mechanical engineers
141901	Mechanical engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
142101	Mining and mineral engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
142101	Mining and mineral engineering	High-paying	STEM	172151	Mining and geological engineers, including mining safety engineers
142101	Mining and mineral engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
142201	Naval architecture and marine engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
142201	Naval architecture and marine engineering	High-paying	STEM	172121	Marine engineers and naval architects
142201	Naval architecture and marine engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
142301	Nuclear engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
142301	Nuclear engineering	High-paying	STEM	172161	Nuclear engineers
142301	Nuclear engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
142501	Petroleum engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
142501	Petroleum engineering	High-paying	STEM	172171	Petroleum engineers
142501	Petroleum engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
142701	Systems engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
142701	Systems engineering	High-paying	STEM	151243	Database architects
142701	Systems engineering	High-paying	STEM	172112	Industrial engineers
142701	Systems engineering	High-paying	STEM	172199	Engineers, all other
142701	Systems engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
143201	Polymer/plastics engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
143201	Polymer/plastics engineering	High-paying	STEM	172041	Chemical engineers
143201	Polymer/plastics engineering	High-paying	STEM	172131	Materials engineers
143201	Polymer/plastics engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
143501	Industrial engineering	High-paying	Managerial and professional office	113051	Industrial production managers
143501	Industrial engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
143501	Industrial engineering	High-paying	STEM	172112	Industrial engineers
143501	Industrial engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
143601	Manufacturing engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
143601	Manufacturing engineering	High-paying	Managerial and professional office	131051	Cost estimators
143601	Manufacturing engineering	High-paying	STEM	172112	Industrial engineers
143601	Manufacturing engineering	High-paying	STEM	172199	Engineers, all other
143601	Manufacturing engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
143701	Operations research	High-paying	Managerial and professional office	119121	Natural sciences managers
143701	Operations research	High-paying	STEM	152031	Operations research analysts
143701	Operations research	Lower-paying	Education	251032	Engineering teachers, postsecondary
143801	Surveying engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
143801	Surveying engineering	High-paying	STEM	172199	Engineers, all other
143801	Surveying engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
143801	Surveying engineering	Lower-paying	STEM	171021	Cartographers and photogrammetrists
143801	Surveying engineering	Lower-paying	STEM	171022	Surveyors
143901	Geological/geophysical engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
143901	Geological/geophysical engineering	High-paying	STEM	172151	Mining and geological engineers, including mining safety engineers
143901	Geological/geophysical engineering	High-paying	STEM	172199	Engineers, all other
143901	Geological/geophysical engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
144101	Electromechanical engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
144101	Electromechanical engineering	High-paying	STEM	172071	Electrical engineers
144101	Electromechanical engineering	High-paying	STEM	172141	Mechanical engineers
144101	Electromechanical engineering	High-paying	STEM	172199	Engineers, all other
144101	Electromechanical engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
144201	Mechatronics, robotics, and automation engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
144201	Mechatronics, robotics, and automation engineering	High-paying	STEM	172199	Engineers, all other
144201	Mechatronics, robotics, and automation engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
144301	Biochemical engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
144301	Biochemical engineering	High-paying	STEM	172041	Chemical engineers
144301	Biochemical engineering	High-paying	STEM	172199	Engineers, all other
144301	Biochemical engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
144501	Biological/biosystems engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
144501	Biological/biosystems engineering	High-paying	STEM	172031	Bioengineers and biomedical engineers
144501	Biological/biosystems engineering	High-paying	STEM	172199	Engineers, all other
144501	Biological/biosystems engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
144801	Energy systems engineering, general	High-paying	Managerial and professional office	119041	Architectural and engineering managers
144801	Energy systems engineering, general	High-paying	STEM	172199	Engineers, all other
144801	Energy systems engineering, general	Lower-paying	Education	251032	Engineering teachers, postsecondary
144802	Power plant engineering	High-paying	Managerial and professional office	119041	Architectural and engineering managers
144802	Power plant engineering	High-paying	STEM	172199	Engineers, all other
144802	Power plant engineering	Lower-paying	Education	251032	Engineering teachers, postsecondary
149999	Engineering, other	High-paying	Managerial and professional office	119041	Architectural and engineering managers
149999	Engineering, other	High-paying	STEM	172111	Health and safety engineers, except mining safety engineers and inspectors
149999	Engineering, other	High-paying	STEM	172199	Engineers, all other
149999	Engineering, other	Lower-paying	Education	251032	Engineering teachers, postsecondary
150000	Engineering technologies/technicians, general	High-paying	STEM	173021	Aerospace engineering and operations technologists and technicians
150000	Engineering technologies/technicians, general	High-paying	STEM	173022	Civil engineering technologists and technicians

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
150000	Engineering technologies/technicians, general	High-paying	STEM	173023	Electrical and electronic engineering technologists and technicians
150000	Engineering technologies/technicians, general	High-paying	STEM	173024	Electro-mechanical and mechatronics technologists and technicians
150001	Applied engineering technologies/technicians	High-paying	STEM	173024	Electro-mechanical and mechatronics technologists and technicians
150001	Applied engineering technologies/technicians	High-paying	STEM	173026	Industrial engineering technologists and technicians
150001	Applied engineering technologies/technicians	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
150101	Architectural engineering technologies/technicians	High-paying	STEM	173022	Civil engineering technologists and technicians
150101	Architectural engineering technologies/technicians	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
150101	Architectural engineering technologies/technicians	Lower-paying	STEM	173011	Architectural and civil drafters
150201	Civil engineering technologies/technicians	High-paying	STEM	173022	Civil engineering technologists and technicians
150201	Civil engineering technologies/technicians	Lower-paying	Blue-collar	536041	Traffic technicians
150303	Electrical, electronic, and communications engineering technology/technician	High-paying	STEM	173021	Aerospace engineering and operations technologists and technicians
150303	Electrical, electronic, and communications engineering technology/technician	High-paying	STEM	173023	Electrical and electronic engineering technologists and technicians
150303	Electrical, electronic, and communications engineering technology/technician	High-paying	STEM	173024	Electro-mechanical and mechatronics technologists and technicians
150303	Electrical, electronic, and communications engineering technology/technician	High-paying	STEM	173028	Calibration technologists and technicians

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
150303	Electrical, electronic, and communications engineering technology/technician	Lower-paying	Blue-collar	492095	Electrical and electronics repairers, powerhouse, substation, and relay
150303	Electrical, electronic, and communications engineering technology/technician	Lower-paying	STEM	173012	Electrical and electronics drafters
150304	Laser and optical technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
150305	Telecommunications technology/technician	High-paying	STEM	173023	Electrical and electronic engineering technologists and technicians
150307	Audio engineering technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
150307	Audio engineering technology/technician	Lower-paying	Community services and arts	272091	Disc jockeys, except radio
150307	Audio engineering technology/technician	Lower-paying	Community services and arts	274014	Sound engineering technicians
150399	Electrical/electronic engineering technologies/technicians, other	High-paying	STEM	173023	Electrical and electronic engineering technologists and technicians
150401	Biomedical technology/technician	High-paying	STEM	173028	Calibration technologists and technicians
150401	Biomedical technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
150401	Biomedical technology/technician	Lower-paying	Blue-collar	499062	Medical equipment repairers
150403	Electromechanical/electro mechanical engineering technology/technician	High-paying	STEM	173024	Electro-mechanical and mechatronics technologists and technicians
150403	Electromechanical/electro mechanical engineering technology/technician	Lower-paying	STEM	173012	Electrical and electronics drafters
150404	Instrumentation technology/technician	High-paying	STEM	173024	Electro-mechanical and mechatronics technologists and technicians
150404	Instrumentation technology/technician	High-paying	STEM	173028	Calibration technologists and technicians

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
150404	Instrumentation technology/technician	Lower-paying	Blue-collar	499069	Precision instrument and equipment repairers, all other
150405	Robotics technology/technician	High-paying	STEM	173024	Electro-mechanical and mechatronics technologists and technicians
150406	Automation engineer technology/technician	High-paying	STEM	173023	Electrical and electronic engineering technologists and technicians
150406	Automation engineer technology/technician	High-paying	STEM	173024	Electro-mechanical and mechatronics technologists and technicians
150407	Mechatronics, robotics, and automation engineering technology/technician	High-paying	STEM	173024	Electro-mechanical and mechatronics technologists and technicians
150499	Electromechanical technologies/technicians, other	High-paying	STEM	173024	Electro-mechanical and mechatronics technologists and technicians
150501	Heating, ventilation, air conditioning and refrigeration engineering technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
150501	Heating, ventilation, air conditioning and refrigeration engineering technology/technician	Lower-paying	Blue-collar	499021	Heating, air conditioning, and refrigeration mechanics and installers
150506	Water quality and wastewater treatment management and recycling technology/technician	High-paying	STEM	173025	Environmental engineering technologists and technicians
150506	Water quality and wastewater treatment management and recycling technology/technician	High-paying	STEM	194042	Environmental science and protection technicians, including health
150506	Water quality and wastewater treatment management and recycling technology/technician	Lower-paying	Blue-collar	518031	Water and wastewater treatment plant and system operators
150507	Environmental/environmental engineering technology/technician	High-paying	STEM	173025	Environmental engineering technologists and technicians

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
150507	Environmental/environmental engineering technology/technician	High-paying	STEM	194042	Environmental science and protection technicians, including health
150508	Hazardous materials management and waste technology/technician	High-paying	STEM	173025	Environmental engineering technologists and technicians
150508	Hazardous materials management and waste technology/technician	High-paying	STEM	194042	Environmental science and protection technicians, including health
150508	Hazardous materials management and waste technology/technician	Lower-paying	Blue-collar	474041	Hazardous materials removal workers
150599	Environmental control technologies/technicians, other	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
150607	Plastics and polymer engineering technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
150611	Metallurgical technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
150612	Industrial technology/technician	High-paying	STEM	173026	Industrial engineering technologists and technicians
150613	Manufacturing engineering technology/technician	High-paying	STEM	173026	Industrial engineering technologists and technicians
150614	Welding engineering technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
150614	Welding engineering technology/technician	Lower-paying	Blue-collar	514121	Welders, cutters, solderers, and brazers
150615	Chemical engineering technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
150616	Semiconductor manufacturing technology/technician	High-paying	STEM	173023	Electrical and electronic engineering technologists and technicians
150616	Semiconductor manufacturing technology/technician	Lower-paying	Blue-collar	519141	Semiconductor processing technicians
150617	Composite materials technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
150699	Industrial production technologies/technicians, other	High-paying	STEM	173026	Industrial engineering technologists and technicians
150703	Industrial safety technology/technician	High-paying	STEM	173026	Industrial engineering technologists and technicians
150703	Industrial safety technology/technician	Lower-paying	STEM	195011	Occupational health and safety specialists
150704	Hazardous materials information systems technology/technician	High-paying	STEM	173025	Environmental engineering technologists and technicians
150801	Aeronautical/aerospace engineering technology/technician	High-paying	STEM	173021	Aerospace engineering and operations technologists and technicians
150801	Aeronautical/aerospace engineering technology/technician	Lower-paying	STEM	173013	Mechanical drafters
150803	Automotive engineering technology/technician	High-paying	STEM	173027	Mechanical engineering technologists and technicians
150803	Automotive engineering technology/technician	Lower-paying	Blue-collar	493023	Automotive service technicians and mechanics
150803	Automotive engineering technology/technician	Lower-paying	STEM	173013	Mechanical drafters
150805	Mechanical/mechanical engineering technology/technician	High-paying	STEM	173024	Electro-mechanical and mechatronics technologists and technicians
150805	Mechanical/mechanical engineering technology/technician	High-paying	STEM	173027	Mechanical engineering technologists and technicians
150805	Mechanical/mechanical engineering technology/technician	Lower-paying	STEM	173013	Mechanical drafters
150806	Marine engineering technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
150806	Marine engineering technology/technician	Lower-paying	Blue-collar	493051	Motorboat mechanics and service technicians
150899	Mechanical engineering related technologies/technicians, other	High-paying	STEM	173027	Mechanical engineering technologists and technicians
150901	Mining technology/technician	High-paying	Blue-collar	475013	Service unit operators, oil and gas

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
150901	Mining technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
150901	Mining technology/technician	High-paying	STEM	194043	Geological technicians, except hydrologic technicians
150903	Petroleum technology/technician	High-paying	Blue-collar	518092	Gas plant operators
150903	Petroleum technology/technician	High-paying	STEM	194043	Geological technicians, except hydrologic technicians
150999	Mining and petroleum technologies/technicians, other	High-paying	STEM	194043	Geological technicians, except hydrologic technicians
151001	Construction engineering technology/technician	High-paying	Managerial and professional office	119021	Construction managers
151001	Construction engineering technology/technician	High-paying	Managerial and professional office	131051	Cost estimators
151001	Construction engineering technology/technician	High-paying	STEM	173022	Civil engineering technologists and technicians
151103	Hydraulics and fluid power technology/technician	High-paying	STEM	173027	Mechanical engineering technologists and technicians
151103	Hydraulics and fluid power technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
151201	Computer engineering technology/technician	High-paying	STEM	173023	Electrical and electronic engineering technologists and technicians
151201	Computer engineering technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
151201	Computer engineering technology/technician	Lower-paying	STEM	151253	Software quality assurance analysts and testers
151202	Computer/computer systems technology/technician	High-paying	STEM	173023	Electrical and electronic engineering technologists and technicians
151202	Computer/computer systems technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
151202	Computer/computer systems technology/technician	Lower-paying	STEM	151253	Software quality assurance analysts and testers

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
151203	Computer hardware technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
151204	Computer software technology/technician	High-paying	STEM	151251	Computer programmers
151204	Computer software technology/technician	High-paying	STEM	151252	Software developers
151204	Computer software technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
151204	Computer software technology/technician	Lower-paying	STEM	151253	Software quality assurance analysts and testers
151299	Computer engineering technologies/technicians, other	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
151401	Nuclear engineering technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
151401	Nuclear engineering technology/technician	High-paying	STEM	194051	Nuclear technicians
151501	Engineering/industrial management	High-paying	Managerial and professional office	113013	Facilities managers
151501	Engineering/industrial management	High-paying	Managerial and professional office	113051	Industrial production managers
151501	Engineering/industrial management	High-paying	Managerial and professional office	119041	Architectural and engineering managers
151501	Engineering/industrial management	High-paying	STEM	172112	Industrial engineers
151501	Engineering/industrial management	High-paying	STEM	173026	Industrial engineering technologists and technicians
151601	Nanotechnology	High-paying	STEM	172199	Engineers, all other
151701	Energy systems technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
151701	Energy systems technology/technician	Lower-paying	Community services and arts	271021	Commercial and industrial designers
151702	Power plant technology/technician	High-paying	Blue-collar	518013	Power plant operators
151702	Power plant technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
151702	Power plant technology/technician	Lower-paying	Blue-collar	492095	Electrical and electronics repairers, powerhouse, substation, and relay
151703	Solar energy technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
151703	Solar energy technology/technician	Lower-paying	Blue-collar	472231	Solar photovoltaic installers
151704	Wind energy technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
151704	Wind energy technology/technician	Lower-paying	Blue-collar	499081	Wind turbine service technicians
151706	Geothermal energy technology/technician	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
190203	Consumer merchandising/retailing management	High-paying	Managerial and professional office	112021	Marketing managers
190203	Consumer merchandising/retailing management	High-paying	Managerial and professional office	112022	Sales managers
190203	Consumer merchandising/retailing management	Lower-paying	Education	259021	Farm and home management educators
190203	Consumer merchandising/retailing management	Lower-paying	Managerial and professional office	131161	Market research analysts and marketing specialists
190203	Consumer merchandising/retailing management	Lower-paying	Sales and office support	411011	First-line supervisors of retail sales workers
190604	Facilities planning and management	High-paying	Managerial and professional office	113013	Facilities managers
190604	Facilities planning and management	Lower-paying	Community services and arts	271025	Interior designers
190604	Facilities planning and management	Lower-paying	Managerial and professional office	131121	Meeting, convention, and event planners
190905	Apparel and textile marketing management	High-paying	Managerial and professional office	112021	Marketing managers
190905	Apparel and textile marketing management	Lower-paying	Managerial and professional office	131022	Wholesale and retail buyers, except farm products

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
190905	Apparel and textile marketing management	Lower-paying	Managerial and professional office	131161	Market research analysts and marketing specialists
260101	Biology/biological sciences, general	High-paying	Managerial and professional office	119121	Natural sciences managers
260101	Biology/biological sciences, general	Lower-paying	Education	251042	Biological science teachers, postsecondary
260101	Biology/biological sciences, general	Lower-paying	Education	252031	Secondary school teachers, except special and career/technical education
260101	Biology/biological sciences, general	Lower-paying	STEM	191029	Biological scientists, all other
260101	Biology/biological sciences, general	Lower-paying	STEM	191099	Life scientists, all other
260101	Biology/biological sciences, general	Lower-paying	STEM	194012	Agricultural technicians
260101	Biology/biological sciences, general	Lower-paying	STEM	194013	Food science technicians
260101	Biology/biological sciences, general	Lower-paying	STEM	194021	Biological technicians
260101	Biology/biological sciences, general	Lower-paying	STEM	194092	Forensic science technicians
260202	Biochemistry	High-paying	Managerial and professional office	119121	Natural sciences managers
260202	Biochemistry	Lower-paying	Education	251042	Biological science teachers, postsecondary
260202	Biochemistry	Lower-paying	STEM	191021	Biochemists and biophysicists
260202	Biochemistry	Lower-paying	STEM	191042	Medical scientists, except epidemiologists
260202	Biochemistry	Lower-paying	STEM	194013	Food science technicians
260202	Biochemistry	Lower-paying	STEM	194021	Biological technicians
260204	Molecular biology	High-paying	Managerial and professional office	119121	Natural sciences managers
260204	Molecular biology	Lower-paying	Education	251042	Biological science teachers, postsecondary
260204	Molecular biology	Lower-paying	STEM	191029	Biological scientists, all other
260204	Molecular biology	Lower-paying	STEM	191042	Medical scientists, except epidemiologists
260204	Molecular biology	Lower-paying	STEM	194021	Biological technicians
260210	Biochemistry and molecular biology	High-paying	Managerial and professional office	119121	Natural sciences managers

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
260210	Biochemistry and molecular biology	Lower-paying	Education	251042	Biological science teachers, postsecondary
260210	Biochemistry and molecular biology	Lower-paying	STEM	191021	Biochemists and biophysicists
260210	Biochemistry and molecular biology	Lower-paying	STEM	191029	Biological scientists, all other
260301	Botany/plant biology	High-paying	Managerial and professional office	119121	Natural sciences managers
260301	Botany/plant biology	Lower-paying	Education	251042	Biological science teachers, postsecondary
260301	Botany/plant biology	Lower-paying	STEM	191013	Soil and plant scientists
260301	Botany/plant biology	Lower-paying	STEM	191029	Biological scientists, all other
260403	Anatomy	High-paying	Managerial and professional office	119121	Natural sciences managers
260403	Anatomy	Lower-paying	Education	251042	Biological science teachers, postsecondary
260403	Anatomy	Lower-paying	Education	251071	Health specialties teachers, postsecondary
260403	Anatomy	Lower-paying	STEM	191029	Biological scientists, all other
260403	Anatomy	Lower-paying	STEM	191042	Medical scientists, except epidemiologists
260406	Cell/cellular and molecular biology	High-paying	Managerial and professional office	119121	Natural sciences managers
260406	Cell/cellular and molecular biology	Lower-paying	Education	251042	Biological science teachers, postsecondary
260406	Cell/cellular and molecular biology	Lower-paying	STEM	191029	Biological scientists, all other
260406	Cell/cellular and molecular biology	Lower-paying	STEM	191042	Medical scientists, except epidemiologists
260406	Cell/cellular and molecular biology	Lower-paying	STEM	194021	Biological technicians
260499	Cell/cellular biology and anatomical sciences, other	High-paying	Managerial and professional office	119121	Natural sciences managers
260499	Cell/cellular biology and anatomical sciences, other	Lower-paying	Education	251042	Biological science teachers, postsecondary
260499	Cell/cellular biology and anatomical sciences, other	Lower-paying	STEM	191021	Biochemists and biophysicists
260499	Cell/cellular biology and anatomical sciences, other	Lower-paying	STEM	191022	Microbiologists
260499	Cell/cellular biology and anatomical sciences, other	Lower-paying	STEM	191029	Biological scientists, all other

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
260502	Microbiology, general	High-paying	Managerial and professional office	119121	Natural sciences managers
260502	Microbiology, general	Lower-paying	Education	251042	Biological science teachers, postsecondary
260502	Microbiology, general	Lower-paying	STEM	191022	Microbiologists
260502	Microbiology, general	Lower-paying	STEM	194013	Food science technicians
260502	Microbiology, general	Lower-paying	STEM	194021	Biological technicians
260701	Zoology/animal biology	High-paying	Managerial and professional office	119121	Natural sciences managers
260701	Zoology/animal biology	Lower-paying	Education	251042	Biological science teachers, postsecondary
260701	Zoology/animal biology	Lower-paying	STEM	191023	Zoologists and wildlife biologists
260701	Zoology/animal biology	Lower-paying	STEM	194021	Biological technicians
260702	Entomology	High-paying	Managerial and professional office	119121	Natural sciences managers
260702	Entomology	Lower-paying	Education	251042	Biological science teachers, postsecondary
260702	Entomology	Lower-paying	STEM	191023	Zoologists and wildlife biologists
260702	Entomology	Lower-paying	STEM	191029	Biological scientists, all other
260799	Zoology/animal biology, other	High-paying	Managerial and professional office	119121	Natural sciences managers
260799	Zoology/animal biology, other	Lower-paying	Education	251042	Biological science teachers, postsecondary
260799	Zoology/animal biology, other	Lower-paying	STEM	191023	Zoologists and wildlife biologists
260807	Genome sciences/genomics	High-paying	Managerial and professional office	119121	Natural sciences managers
260807	Genome sciences/genomics	Lower-paying	Education	251042	Biological science teachers, postsecondary
260807	Genome sciences/genomics	Lower-paying	Health	299092	Genetic counselors
260807	Genome sciences/genomics	Lower-paying	STEM	191029	Biological scientists, all other
261001	Pharmacology	High-paying	Managerial and professional office	119121	Natural sciences managers
261001	Pharmacology	Lower-paying	Education	251042	Biological science teachers, postsecondary
261001	Pharmacology	Lower-paying	Education	251071	Health specialties teachers, postsecondary

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
261001	Pharmacology	Lower-paying	STEM	191029	Biological scientists, all other
261001	Pharmacology	Lower-paying	STEM	191042	Medical scientists, except epidemiologists
261101	Biometry/biometrics	High-paying	Managerial and professional office	119121	Natural sciences managers
261101	Biometry/biometrics	Lower-paying	Education	251042	Biological science teachers, postsecondary
261101	Biometry/biometrics	Lower-paying	STEM	152041	Statisticians
261101	Biometry/biometrics	Lower-paying	STEM	191029	Biological scientists, all other
261199	Biomathematics, bioinformatics, and computational biology, other	High-paying	Managerial and professional office	119121	Natural sciences managers
261199	Biomathematics, bioinformatics, and computational biology, other	Lower-paying	Education	251042	Biological science teachers, postsecondary
261199	Biomathematics, bioinformatics, and computational biology, other	Lower-paying	STEM	152021	Mathematicians
261199	Biomathematics, bioinformatics, and computational biology, other	Lower-paying	STEM	152051	Data scientists
261199	Biomathematics, bioinformatics, and computational biology, other	Lower-paying	STEM	152099	Mathematical science occupations, all other
261199	Biomathematics, bioinformatics, and computational biology, other	Lower-paying	STEM	191029	Biological scientists, all other
261201	Biotechnology	High-paying	Managerial and professional office	119121	Natural sciences managers
261201	Biotechnology	Lower-paying	Education	251042	Biological science teachers, postsecondary
261201	Biotechnology	Lower-paying	STEM	191029	Biological scientists, all other
261301	Ecology	High-paying	Managerial and professional office	119121	Natural sciences managers
261301	Ecology	Lower-paying	Education	251042	Biological science teachers, postsecondary

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
261301	Ecology	Lower-paying	Education	251043	Forestry and conservation science teachers, postsecondary
261301	Ecology	Lower-paying	STEM	191023	Zoologists and wildlife biologists
261301	Ecology	Lower-paying	STEM	191029	Biological scientists, all other
261301	Ecology	Lower-paying	STEM	191031	Conservation scientists
261301	Ecology	Lower-paying	STEM	191099	Life scientists, all other
261302	Marine biology and biological oceanography	High-paying	Managerial and professional office	119121	Natural sciences managers
261302	Marine biology and biological oceanography	Lower-paying	Education	251042	Biological science teachers, postsecondary
261302	Marine biology and biological oceanography	Lower-paying	STEM	191023	Zoologists and wildlife biologists
261302	Marine biology and biological oceanography	Lower-paying	STEM	191029	Biological scientists, all other
261302	Marine biology and biological oceanography	Lower-paying	STEM	194021	Biological technicians
261303	Evolutionary biology	High-paying	Managerial and professional office	119121	Natural sciences managers
261303	Evolutionary biology	Lower-paying	Education	251042	Biological science teachers, postsecondary
261303	Evolutionary biology	Lower-paying	STEM	191023	Zoologists and wildlife biologists
261303	Evolutionary biology	Lower-paying	STEM	191029	Biological scientists, all other
261501	Neuroscience	High-paying	Managerial and professional office	119121	Natural sciences managers
261501	Neuroscience	Lower-paying	Education	251042	Biological science teachers, postsecondary
261501	Neuroscience	Lower-paying	STEM	191029	Biological scientists, all other
261501	Neuroscience	Lower-paying	STEM	194021	Biological technicians
261503	Neurobiology and anatomy	High-paying	Managerial and professional office	119121	Natural sciences managers
261503	Neurobiology and anatomy	Lower-paying	Education	251042	Biological science teachers, postsecondary
261503	Neurobiology and anatomy	Lower-paying	STEM	191029	Biological scientists, all other
261503	Neurobiology and anatomy	Lower-paying	STEM	191042	Medical scientists, except epidemiologists

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
261504	Neurobiology and behavior	High-paying	Managerial and professional office	119121	Natural sciences managers
261504	Neurobiology and behavior	Lower-paying	Education	251042	Biological science teachers, postsecondary
261504	Neurobiology and behavior	Lower-paying	STEM	191029	Biological scientists, all other
261504	Neurobiology and behavior	Lower-paying	STEM	191042	Medical scientists, except epidemiologists
269999	Biological and biomedical sciences, other	High-paying	Managerial and professional office	119121	Natural sciences managers
269999	Biological and biomedical sciences, other	Lower-paying	Education	251042	Biological science teachers, postsecondary
269999	Biological and biomedical sciences, other	Lower-paying	STEM	191029	Biological scientists, all other
269999	Biological and biomedical sciences, other	Lower-paying	STEM	191099	Life scientists, all other
270101	Mathematics, general	High-paying	Managerial and professional office	119121	Natural sciences managers
270101	Mathematics, general	Lower-paying	Education	251022	Mathematical science teachers, postsecondary
270101	Mathematics, general	Lower-paying	Education	252031	Secondary school teachers, except special and career/technical education
270101	Mathematics, general	Lower-paying	STEM	152021	Mathematicians
270101	Mathematics, general	Lower-paying	STEM	152041	Statisticians
270101	Mathematics, general	Lower-paying	STEM	152051	Data scientists
270101	Mathematics, general	Lower-paying	STEM	152099	Mathematical science occupations, all other
270199	Mathematics, other	High-paying	Managerial and professional office	119121	Natural sciences managers
270199	Mathematics, other	Lower-paying	Education	251022	Mathematical science teachers, postsecondary
270199	Mathematics, other	Lower-paying	STEM	152021	Mathematicians
270301	Applied mathematics, general	High-paying	Managerial and professional office	119121	Natural sciences managers
270301	Applied mathematics, general	Lower-paying	Education	251022	Mathematical science teachers, postsecondary
270301	Applied mathematics, general	Lower-paying	STEM	152011	Actuaries
270301	Applied mathematics, general	Lower-paying	STEM	152021	Mathematicians

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
270301	Applied mathematics, general	Lower-paying	STEM	152041	Statisticians
270301	Applied mathematics, general	Lower-paying	STEM	152051	Data scientists
270301	Applied mathematics, general	Lower-paying	STEM	152099	Mathematical science occupations, all other
270303	Computational mathematics	High-paying	Managerial and professional office	119121	Natural sciences managers
270303	Computational mathematics	Lower-paying	STEM	152021	Mathematicians
270303	Computational mathematics	Lower-paying	STEM	152051	Data scientists
270303	Computational mathematics	Lower-paying	STEM	152099	Mathematical science occupations, all other
270304	Computational and applied mathematics	High-paying	Managerial and professional office	119121	Natural sciences managers
270304	Computational and applied mathematics	Lower-paying	Education	251022	Mathematical science teachers, postsecondary
270304	Computational and applied mathematics	Lower-paying	STEM	152011	Actuaries
270304	Computational and applied mathematics	Lower-paying	STEM	152021	Mathematicians
270304	Computational and applied mathematics	Lower-paying	STEM	152041	Statisticians
270304	Computational and applied mathematics	Lower-paying	STEM	152051	Data scientists
270304	Computational and applied mathematics	Lower-paying	STEM	152099	Mathematical science occupations, all other
270305	Financial mathematics	High-paying	Managerial and professional office	119121	Natural sciences managers
270305	Financial mathematics	Lower-paying	Education	251022	Mathematical science teachers, postsecondary
270305	Financial mathematics	Lower-paying	Managerial and professional office	132051	Financial and investment analysts
270305	Financial mathematics	Lower-paying	Managerial and professional office	132054	Financial risk specialists
270305	Financial mathematics	Lower-paying	Managerial and professional office	132099	Financial specialists, all other
270305	Financial mathematics	Lower-paying	STEM	152021	Mathematicians
270305	Financial mathematics	Lower-paying	STEM	152051	Data scientists
270305	Financial mathematics	Lower-paying	STEM	152099	Mathematical science occupations, all other

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
270305	Financial mathematics	Lower-paying	STEM	193011	Economists
270501	Statistics, general	High-paying	Managerial and professional office	119121	Natural sciences managers
270501	Statistics, general	Lower-paying	Education	251022	Mathematical science teachers, postsecondary
270501	Statistics, general	Lower-paying	STEM	152011	Actuaries
270501	Statistics, general	Lower-paying	STEM	152041	Statisticians
270501	Statistics, general	Lower-paying	STEM	152051	Data scientists
270501	Statistics, general	Lower-paying	STEM	193022	Survey researchers
270503	Mathematics and statistics	High-paying	Managerial and professional office	119121	Natural sciences managers
270503	Mathematics and statistics	Lower-paying	Education	251022	Mathematical science teachers, postsecondary
270503	Mathematics and statistics	Lower-paying	STEM	152011	Actuaries
270503	Mathematics and statistics	Lower-paying	STEM	152021	Mathematicians
270503	Mathematics and statistics	Lower-paying	STEM	152041	Statisticians
270503	Mathematics and statistics	Lower-paying	STEM	152051	Data scientists
270599	Statistics, other	High-paying	Managerial and professional office	119121	Natural sciences managers
270599	Statistics, other	Lower-paying	Education	251022	Mathematical science teachers, postsecondary
270599	Statistics, other	Lower-paying	STEM	152011	Actuaries
270599	Statistics, other	Lower-paying	STEM	152041	Statisticians
279999	Mathematics and statistics, other	High-paying	Managerial and professional office	119121	Natural sciences managers
279999	Mathematics and statistics, other	Lower-paying	Education	251022	Mathematical science teachers, postsecondary
279999	Mathematics and statistics, other	Lower-paying	STEM	152021	Mathematicians
279999	Mathematics and statistics, other	Lower-paying	STEM	152051	Data scientists
279999	Mathematics and statistics, other	Lower-paying	STEM	152099	Mathematical science occupations, all other
290203	Signal/geospatial intelligence	High-paying	Food and personal services	331012	First-line supervisors of police and detectives
290203	Signal/geospatial intelligence	High-paying	Food and personal services	333021	Detectives and criminal investigators
290203	Signal/geospatial intelligence	Lower-paying	STEM	171021	Cartographers and photogrammetrists

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
290306	Operational oceanography	High-paying	STEM	173029	Engineering technologists and technicians, except drafters, all other
290402	Air and space operations technology	High-paying	STEM	173021	Aerospace engineering and operations technologists and technicians
300101	Biological and physical sciences	High-paying	Managerial and professional office	119121	Natural sciences managers
300101	Biological and physical sciences	Lower-paying	Education	251199	Postsecondary teachers, all other
300101	Biological and physical sciences	Lower-paying	Education	252031	Secondary school teachers, except special and career/technical education
300801	Mathematics and computer science	High-paying	Managerial and professional office	113021	Computer and information systems managers
300801	Mathematics and computer science	High-paying	Managerial and professional office	119121	Natural sciences managers
300801	Mathematics and computer science	High-paying	STEM	151252	Software developers
300801	Mathematics and computer science	Lower-paying	Education	251021	Computer science teachers, postsecondary
300801	Mathematics and computer science	Lower-paying	Education	251022	Mathematical science teachers, postsecondary
300801	Mathematics and computer science	Lower-paying	STEM	151299	Computer occupations, all other
300801	Mathematics and computer science	Lower-paying	STEM	152021	Mathematicians
300801	Mathematics and computer science	Lower-paying	STEM	152051	Data scientists
300801	Mathematics and computer science	Lower-paying	STEM	152099	Mathematical science occupations, all other
301201	Historic preservation and conservation, general	High-paying	Managerial and professional office	113013	Facilities managers
301201	Historic preservation and conservation, general	Lower-paying	Education	251199	Postsecondary teachers, all other
301201	Historic preservation and conservation, general	Lower-paying	Education	254011	Archivists
301201	Historic preservation and conservation, general	Lower-paying	STEM	193093	Historians
301299	Historic preservation and conservation, other	High-paying	Managerial and professional office	113013	Facilities managers

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
301299	Historic preservation and conservation, other	Lower-paying	Education	251199	Postsecondary teachers, all other
301299	Historic preservation and conservation, other	Lower-paying	Education	254011	Archivists
301299	Historic preservation and conservation, other	Lower-paying	STEM	193093	Historians
301501	Science, technology and society	High-paying	Managerial and professional office	119121	Natural sciences managers
301501	Science, technology and society	Lower-paying	Education	251199	Postsecondary teachers, all other
301601	Accounting and computer science	High-paying	Managerial and professional office	113021	Computer and information systems managers
301601	Accounting and computer science	High-paying	STEM	151252	Software developers
301601	Accounting and computer science	Lower-paying	Education	251011	Business teachers, postsecondary
301601	Accounting and computer science	Lower-paying	Education	251021	Computer science teachers, postsecondary
301601	Accounting and computer science	Lower-paying	Managerial and professional office	113031	Financial managers
301601	Accounting and computer science	Lower-paying	Managerial and professional office	132011	Accountants and auditors
301601	Accounting and computer science	Lower-paying	STEM	151299	Computer occupations, all other
301801	Natural sciences	High-paying	Managerial and professional office	119121	Natural sciences managers
301801	Natural sciences	Lower-paying	Education	251199	Postsecondary teachers, all other
301801	Natural sciences	Lower-paying	STEM	191099	Life scientists, all other
301801	Natural sciences	Lower-paying	STEM	192099	Physical scientists, all other
301901	Nutrition sciences	High-paying	Managerial and professional office	119121	Natural sciences managers
301901	Nutrition sciences	Lower-paying	Education	251042	Biological science teachers, postsecondary
301901	Nutrition sciences	Lower-paying	Education	251071	Health specialties teachers, postsecondary
301901	Nutrition sciences	Lower-paying	Education	251192	Family and consumer sciences teachers, postsecondary
301901	Nutrition sciences	Lower-paying	Education	259021	Farm and home management educators

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
301901	Nutrition sciences	Lower-paying	Health	291031	Dietitians and nutritionists
301901	Nutrition sciences	Lower-paying	Health	292051	Dietetic technicians
301901	Nutrition sciences	Lower-paying	STEM	191029	Biological scientists, all other
301901	Nutrition sciences	Lower-paying	STEM	191099	Life scientists, all other
302501	Cognitive science, general	High-paying	Managerial and professional office	119121	Natural sciences managers
302501	Cognitive science, general	Lower-paying	Education	251199	Postsecondary teachers, all other
302701	Human biology	High-paying	Managerial and professional office	119121	Natural sciences managers
302701	Human biology	Lower-paying	Education	251042	Biological science teachers, postsecondary
302701	Human biology	Lower-paying	Education	251069	Social sciences teachers, postsecondary, all other
302701	Human biology	Lower-paying	STEM	191029	Biological scientists, all other
302701	Human biology	Lower-paying	STEM	193091	Anthropologists and archeologists
302701	Human biology	Lower-paying	STEM	193099	Social scientists and related workers, all other
303001	Computational science	High-paying	Managerial and professional office	119121	Natural sciences managers
303001	Computational science	High-paying	STEM	151251	Computer programmers
303001	Computational science	Lower-paying	Education	251021	Computer science teachers, postsecondary
303001	Computational science	Lower-paying	Education	251199	Postsecondary teachers, all other
303001	Computational science	Lower-paying	STEM	151299	Computer occupations, all other
303001	Computational science	Lower-paying	STEM	152051	Data scientists
303001	Computational science	Lower-paying	STEM	152099	Mathematical science occupations, all other
303101	Human computer interaction	High-paying	Managerial and professional office	113021	Computer and information systems managers
303101	Human computer interaction	Lower-paying	Education	251021	Computer science teachers, postsecondary
303101	Human computer interaction	Lower-paying	STEM	151221	Computer and information research scientists
303101	Human computer interaction	Lower-paying	STEM	151255	Web and digital interface designers
303101	Human computer interaction	Lower-paying	STEM	151299	Computer occupations, all other

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
303201	Marine sciences	High-paying	Managerial and professional office	119121	Natural sciences managers
303201	Marine sciences	Lower-paying	Education	251199	Postsecondary teachers, all other
303201	Marine sciences	Lower-paying	STEM	191023	Zoologists and wildlife biologists
303201	Marine sciences	Lower-paying	STEM	191029	Biological scientists, all other
303201	Marine sciences	Lower-paying	STEM	192041	Environmental scientists and specialists, including health
303201	Marine sciences	Lower-paying	STEM	192042	Geoscientists, except hydrologists and geographers
303201	Marine sciences	Lower-paying	STEM	192099	Physical scientists, all other
303301	Sustainability studies	High-paying	Managerial and professional office	119121	Natural sciences managers
303301	Sustainability studies	High-paying	STEM	194042	Environmental science and protection technicians, including health
303301	Sustainability studies	Lower-paying	Education	251053	Environmental science teachers, postsecondary
303301	Sustainability studies	Lower-paying	Education	251199	Postsecondary teachers, all other
303301	Sustainability studies	Lower-paying	STEM	191031	Conservation scientists
303301	Sustainability studies	Lower-paying	STEM	192041	Environmental scientists and specialists, including health
303301	Sustainability studies	Lower-paying	STEM	193051	Urban and regional planners
303301	Sustainability studies	Lower-paying	STEM	193099	Social scientists and related workers, all other
304401	Geography and environmental studies	High-paying	Managerial and professional office	119121	Natural sciences managers
304401	Geography and environmental studies	High-paying	STEM	194042	Environmental science and protection technicians, including health
304401	Geography and environmental studies	Lower-paying	Education	251053	Environmental science teachers, postsecondary
304401	Geography and environmental studies	Lower-paying	Education	251064	Geography teachers, postsecondary

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
304401	Geography and environmental studies	Lower-paying	STEM	191031	Conservation scientists
304401	Geography and environmental studies	Lower-paying	STEM	192041	Environmental scientists and specialists, including health
304401	Geography and environmental studies	Lower-paying	STEM	193092	Geographers
304401	Geography and environmental studies	Lower-paying	STEM	193099	Social scientists and related workers, all other
307001	Data science, general	High-paying	Managerial and professional office	113021	Computer and information systems managers
307001	Data science, general	High-paying	Managerial and professional office	119121	Natural sciences managers
307001	Data science, general	High-paying	STEM	151243	Database architects
307001	Data science, general	High-paying	STEM	151252	Software developers
307001	Data science, general	Lower-paying	Education	251199	Postsecondary teachers, all other
307001	Data science, general	Lower-paying	STEM	151221	Computer and information research scientists
307001	Data science, general	Lower-paying	STEM	152041	Statisticians
307001	Data science, general	Lower-paying	STEM	152051	Data scientists
307101	Data analytics, general	High-paying	Managerial and professional office	131111	Management analysts
307101	Data analytics, general	High-paying	STEM	151251	Computer programmers
307101	Data analytics, general	Lower-paying	Education	251199	Postsecondary teachers, all other
307101	Data analytics, general	Lower-paying	STEM	152041	Statisticians
307101	Data analytics, general	Lower-paying	STEM	152051	Data scientists
307102	Business analytics	High-paying	Managerial and professional office	131111	Management analysts
307102	Business analytics	Lower-paying	Managerial and professional office	131161	Market research analysts and marketing specialists
307102	Business analytics	Lower-paying	STEM	152041	Statisticians
307102	Business analytics	Lower-paying	STEM	152051	Data scientists
307104	Financial analytics	High-paying	Managerial and professional office	131111	Management analysts
307104	Financial analytics	Lower-paying	Education	251011	Business teachers, postsecondary

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
307104	Financial analytics	Lower-paying	Managerial and professional office	113031	Financial managers
307104	Financial analytics	Lower-paying	Managerial and professional office	132051	Financial and investment analysts
307104	Financial analytics	Lower-paying	STEM	152051	Data scientists
310301	Parks, recreation, and leisure facilities management, general	High-paying	Managerial and professional office	111021	General and operations managers
310301	Parks, recreation, and leisure facilities management, general	High-paying	Managerial and professional office	113013	Facilities managers
310301	Parks, recreation, and leisure facilities management, general	Lower-paying	Managerial and professional office	119072	Entertainment and recreation managers, except gambling
380102	Logic	High-paying	Managerial and professional office	119121	Natural sciences managers
380102	Logic	Lower-paying	Education	251022	Mathematical science teachers, postsecondary
380102	Logic	Lower-paying	STEM	152021	Mathematicians
400101	Physical sciences, general	High-paying	Managerial and professional office	119121	Natural sciences managers
400101	Physical sciences, general	Lower-paying	Education	252031	Secondary school teachers, except special and career/technical education
400201	Astronomy	High-paying	Managerial and professional office	119121	Natural sciences managers
400201	Astronomy	Lower-paying	Education	251051	Atmospheric, earth, marine, and space sciences teachers, postsecondary
400201	Astronomy	Lower-paying	STEM	192011	Astronomers
400203	Planetary astronomy and science	High-paying	Managerial and professional office	119121	Natural sciences managers
400203	Planetary astronomy and science	Lower-paying	Education	251051	Atmospheric, earth, marine, and space sciences teachers, postsecondary
400203	Planetary astronomy and science	Lower-paying	STEM	192011	Astronomers

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
400299	Astronomy and astrophysics, other	High-paying	Managerial and professional office	119121	Natural sciences managers
400299	Astronomy and astrophysics, other	Lower-paying	Education	251051	Atmospheric, earth, marine, and space sciences teachers, postsecondary
400299	Astronomy and astrophysics, other	Lower-paying	Education	251054	Physics teachers, postsecondary
400299	Astronomy and astrophysics, other	Lower-paying	STEM	192011	Astronomers
400401	Atmospheric sciences and meteorology, general	High-paying	Managerial and professional office	119121	Natural sciences managers
400401	Atmospheric sciences and meteorology, general	Lower-paying	Education	251051	Atmospheric, earth, marine, and space sciences teachers, postsecondary
400401	Atmospheric sciences and meteorology, general	Lower-paying	STEM	192021	Atmospheric and space scientists
400401	Atmospheric sciences and meteorology, general	Lower-paying	STEM	194099	Life, physical, and social science technicians, all other
400404	Meteorology	High-paying	Managerial and professional office	119121	Natural sciences managers
400404	Meteorology	Lower-paying	Education	251051	Atmospheric, earth, marine, and space sciences teachers, postsecondary
400404	Meteorology	Lower-paying	STEM	192021	Atmospheric and space scientists
400501	Chemistry, general	High-paying	Managerial and professional office	119121	Natural sciences managers
400501	Chemistry, general	Lower-paying	Education	251052	Chemistry teachers, postsecondary
400501	Chemistry, general	Lower-paying	Education	252031	Secondary school teachers, except special and career/technical education
400501	Chemistry, general	Lower-paying	STEM	192031	Chemists
400501	Chemistry, general	Lower-paying	STEM	194013	Food science technicians
400501	Chemistry, general	Lower-paying	STEM	194031	Chemical technicians
400501	Chemistry, general	Lower-paying	STEM	194092	Forensic science technicians

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
400510	Forensic chemistry	High-paying	Managerial and professional office	119121	Natural sciences managers
400510	Forensic chemistry	Lower-paying	Education	251052	Chemistry teachers, postsecondary
400510	Forensic chemistry	Lower-paying	STEM	192031	Chemists
400510	Forensic chemistry	Lower-paying	STEM	194092	Forensic science technicians
400599	Chemistry, other	High-paying	Managerial and professional office	119121	Natural sciences managers
400599	Chemistry, other	Lower-paying	Education	251052	Chemistry teachers, postsecondary
400599	Chemistry, other	Lower-paying	STEM	192031	Chemists
400601	Geology/earth science, general	High-paying	Managerial and professional office	119121	Natural sciences managers
400601	Geology/earth science, general	High-paying	STEM	194043	Geological technicians, except hydrologic technicians
400601	Geology/earth science, general	Lower-paying	Education	251051	Atmospheric, earth, marine, and space sciences teachers, postsecondary
400601	Geology/earth science, general	Lower-paying	STEM	192042	Geoscientists, except hydrologists and geographers
400601	Geology/earth science, general	Lower-paying	STEM	192043	Hydrologists
400604	Paleontology	High-paying	Managerial and professional office	119121	Natural sciences managers
400604	Paleontology	Lower-paying	Education	251051	Atmospheric, earth, marine, and space sciences teachers, postsecondary
400604	Paleontology	Lower-paying	STEM	192042	Geoscientists, except hydrologists and geographers
400605	Hydrology and water resources science	High-paying	Managerial and professional office	119121	Natural sciences managers
400605	Hydrology and water resources science	High-paying	STEM	194044	Hydrologic technicians
400605	Hydrology and water resources science	Lower-paying	Education	251051	Atmospheric, earth, marine, and space sciences teachers, postsecondary

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
400605	Hydrology and water resources science	Lower-paying	STEM	192043	Hydrologists
400607	Oceanography, chemical and physical	High-paying	Managerial and professional office	119121	Natural sciences managers
400607	Oceanography, chemical and physical	Lower-paying	Education	251051	Atmospheric, earth, marine, and space sciences teachers, postsecondary
400607	Oceanography, chemical and physical	Lower-paying	STEM	192042	Geoscientists, except hydrologists and geographers
400607	Oceanography, chemical and physical	Lower-paying	STEM	192043	Hydrologists
400699	Geological and earth sciences/geosciences, other	High-paying	Managerial and professional office	119121	Natural sciences managers
400699	Geological and earth sciences/geosciences, other	Lower-paying	Education	251051	Atmospheric, earth, marine, and space sciences teachers, postsecondary
400699	Geological and earth sciences/geosciences, other	Lower-paying	STEM	192042	Geoscientists, except hydrologists and geographers
400801	Physics, general	High-paying	Managerial and professional office	119121	Natural sciences managers
400801	Physics, general	Lower-paying	Education	251054	Physics teachers, postsecondary
400801	Physics, general	Lower-paying	Education	252031	Secondary school teachers, except special and career/technical education
400801	Physics, general	Lower-paying	STEM	192012	Physicists
400807	Optics/optical sciences	High-paying	Managerial and professional office	119121	Natural sciences managers
400807	Optics/optical sciences	Lower-paying	Education	251054	Physics teachers, postsecondary
400807	Optics/optical sciences	Lower-paying	STEM	192012	Physicists
401001	Materials science	High-paying	Managerial and professional office	119041	Architectural and engineering managers
401001	Materials science	Lower-paying	Education	251032	Engineering teachers, postsecondary
401001	Materials science	Lower-paying	STEM	192032	Materials scientists

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
401001	Materials science	Lower-paying	STEM	194099	Life, physical, and social science technicians, all other
409999	Physical sciences, other	High-paying	Managerial and professional office	119121	Natural sciences managers
409999	Physical sciences, other	Lower-paying	Education	251199	Postsecondary teachers, all other
409999	Physical sciences, other	Lower-paying	STEM	192099	Physical scientists, all other
410000	Science technologies/technicians, general	High-paying	STEM	194043	Geological technicians, except hydrologic technicians
410000	Science technologies/technicians, general	High-paying	STEM	194044	Hydrologic technicians
410000	Science technologies/technicians, general	Lower-paying	STEM	194099	Life, physical, and social science technicians, all other
410204	Industrial radiologic technology/technician	High-paying	STEM	194051	Nuclear technicians
410205	Nuclear/nuclear power technology/technician	High-paying	Blue-collar	518011	Nuclear power reactor operators
410205	Nuclear/nuclear power technology/technician	High-paying	STEM	194051	Nuclear technicians
410299	Nuclear and industrial radiologic technologies/technicians, other	High-paying	STEM	194051	Nuclear technicians
410301	Chemical technology/technician	High-paying	Blue-collar	518091	Chemical plant and system operators
410301	Chemical technology/technician	Lower-paying	Blue-collar	519011	Chemical equipment operators and tenders
410301	Chemical technology/technician	Lower-paying	STEM	194031	Chemical technicians
410303	Chemical process technology	High-paying	Blue-collar	518091	Chemical plant and system operators
410303	Chemical process technology	High-paying	STEM	194043	Geological technicians, except hydrologic technicians
410303	Chemical process technology	Lower-paying	Blue-collar	519011	Chemical equipment operators and tenders
410303	Chemical process technology	Lower-paying	STEM	194031	Chemical technicians
410303	Chemical process technology	Lower-paying	STEM	194099	Life, physical, and social science technicians, all other

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
410399	Physical science technologies/technicians, other	High-paying	STEM	194042	Environmental science and protection technicians, including health
410399	Physical science technologies/technicians, other	High-paying	STEM	194043	Geological technicians, except hydrologic technicians
410399	Physical science technologies/technicians, other	High-paying	STEM	194044	Hydrologic technicians
410399	Physical science technologies/technicians, other	Lower-paying	STEM	194099	Life, physical, and social science technicians, all other
419999	Science technologies/technicians, other	High-paying	STEM	194042	Environmental science and protection technicians, including health
419999	Science technologies/technicians, other	High-paying	STEM	194043	Geological technicians, except hydrologic technicians
419999	Science technologies/technicians, other	High-paying	STEM	194044	Hydrologic technicians
419999	Science technologies/technicians, other	Lower-paying	STEM	194099	Life, physical, and social science technicians, all other
422804	Industrial and organizational psychology	High-paying	Managerial and professional office	131111	Management analysts
422804	Industrial and organizational psychology	Lower-paying	Education	251066	Psychology teachers, postsecondary
422804	Industrial and organizational psychology	Lower-paying	Managerial and professional office	113121	Human resources managers
422804	Industrial and organizational psychology	Lower-paying	Managerial and professional office	113131	Training and development managers
422804	Industrial and organizational psychology	Lower-paying	Managerial and professional office	119199	Managers, all other
422804	Industrial and organizational psychology	Lower-paying	Managerial and professional office	131071	Human resources specialists
422804	Industrial and organizational psychology	Lower-paying	Managerial and professional office	131151	Training and development specialists
422804	Industrial and organizational psychology	Lower-paying	STEM	193032	Industrial-organizational psychologists

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
430100	Criminal justice and corrections, general	High-paying	Food and personal services	331012	First-line supervisors of police and detectives
430100	Criminal justice and corrections, general	High-paying	Food and personal services	333021	Detectives and criminal investigators
430100	Criminal justice and corrections, general	High-paying	Food and personal services	333051	Police and sheriff's patrol officers
430100	Criminal justice and corrections, general	Lower-paying	Education	251111	Criminal justice and law enforcement teachers, postsecondary
430100	Criminal justice and corrections, general	Lower-paying	Food and personal services	331011	First-line supervisors of correctional officers
430100	Criminal justice and corrections, general	Lower-paying	Food and personal services	333012	Correctional officers and jailers
430100	Criminal justice and corrections, general	Lower-paying	Managerial and professional office	119199	Managers, all other
430100	Criminal justice and corrections, general	Lower-paying	STEM	194092	Forensic science technicians
430100	Criminal justice and corrections, general	Lower-paying	STEM	194099	Life, physical, and social science technicians, all other
430102	Corrections	High-paying	Food and personal services	331012	First-line supervisors of police and detectives
430102	Corrections	Lower-paying	Education	251111	Criminal justice and law enforcement teachers, postsecondary
430102	Corrections	Lower-paying	Food and personal services	331011	First-line supervisors of correctional officers
430102	Corrections	Lower-paying	Food and personal services	333012	Correctional officers and jailers
430103	Criminal justice/law enforcement administration	High-paying	Food and personal services	331012	First-line supervisors of police and detectives
430103	Criminal justice/law enforcement administration	Lower-paying	Education	251111	Criminal justice and law enforcement teachers, postsecondary
430103	Criminal justice/law enforcement administration	Lower-paying	Managerial and professional office	119199	Managers, all other

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
430104	Criminal justice/safety studies	High-paying	Food and personal services	331012	First-line supervisors of police and detectives
430104	Criminal justice/safety studies	Lower-paying	Education	251111	Criminal justice and law enforcement teachers, postsecondary
430104	Criminal justice/safety studies	Lower-paying	Food and personal services	331011	First-line supervisors of correctional officers
430104	Criminal justice/safety studies	Lower-paying	STEM	194099	Life, physical, and social science technicians, all other
430107	Criminal justice/police science	High-paying	Food and personal services	333021	Detectives and criminal investigators
430107	Criminal justice/police science	High-paying	Food and personal services	333051	Police and sheriff's patrol officers
430107	Criminal justice/police science	Lower-paying	Education	251111	Criminal justice and law enforcement teachers, postsecondary
430107	Criminal justice/police science	Lower-paying	Food and personal services	333011	Bailiffs
430107	Criminal justice/police science	Lower-paying	Food and personal services	339021	Private detectives and investigators
430109	Security and loss prevention services	High-paying	Food and personal services	333052	Transit and railroad police
430109	Security and loss prevention services	Lower-paying	Education	251111	Criminal justice and law enforcement teachers, postsecondary
430109	Security and loss prevention services	Lower-paying	Food and personal services	331091	First-line supervisors of security workers
430109	Security and loss prevention services	Lower-paying	Food and personal services	339031	Gambling surveillance officers and gambling investigators
430109	Security and loss prevention services	Lower-paying	Food and personal services	339032	Security guards
430114	Law enforcement investigation and interviewing	High-paying	Food and personal services	333021	Detectives and criminal investigators
430114	Law enforcement investigation and interviewing	High-paying	Food and personal services	333051	Police and sheriff's patrol officers

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
430114	Law enforcement investigation and interviewing	Lower-paying	Education	251111	Criminal justice and law enforcement teachers, postsecondary
430115	Law enforcement record-keeping and evidence management	High-paying	Food and personal services	331012	First-line supervisors of police and detectives
430115	Law enforcement record-keeping and evidence management	High-paying	Food and personal services	333021	Detectives and criminal investigators
430115	Law enforcement record-keeping and evidence management	High-paying	Food and personal services	333051	Police and sheriff's patrol officers
430115	Law enforcement record-keeping and evidence management	Lower-paying	Education	251111	Criminal justice and law enforcement teachers, postsecondary
430115	Law enforcement record-keeping and evidence management	Lower-paying	Food and personal services	339021	Private detectives and investigators
430115	Law enforcement record-keeping and evidence management	Lower-paying	Managerial and professional office	119199	Managers, all other
430120	Protective services operations	High-paying	Food and personal services	331012	First-line supervisors of police and detectives
430120	Protective services operations	High-paying	Food and personal services	333051	Police and sheriff's patrol officers
430120	Protective services operations	High-paying	Managerial and professional office	119161	Emergency management directors
430120	Protective services operations	Lower-paying	Education	251111	Criminal justice and law enforcement teachers, postsecondary
430120	Protective services operations	Lower-paying	Food and personal services	339021	Private detectives and investigators
430201	Fire prevention and safety technology/technician	High-paying	Food and personal services	332011	Firefighters
430201	Fire prevention and safety technology/technician	Lower-paying	Food and personal services	331021	First-line supervisors of firefighting and prevention workers
430201	Fire prevention and safety technology/technician	Lower-paying	Food and personal services	332021	Fire inspectors and investigators
430203	Fire science/fire-fighting	High-paying	Food and personal services	332011	Firefighters

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
430203	Fire science/fire-fighting	Lower-paying	Food and personal services	331021	First-line supervisors of firefighting and prevention workers
430203	Fire science/fire-fighting	Lower-paying	Food and personal services	332021	Fire inspectors and investigators
430203	Fire science/fire-fighting	Lower-paying	Food and personal services	332022	Forest fire inspectors and prevention specialists
430206	Wildland/forest firefighting and investigation	High-paying	Food and personal services	332011	Firefighters
430206	Wildland/forest firefighting and investigation	Lower-paying	Food and personal services	332022	Forest fire inspectors and prevention specialists
430299	Fire protection, other	High-paying	Food and personal services	332011	Firefighters
430299	Fire protection, other	Lower-paying	Food and personal services	331021	First-line supervisors of firefighting and prevention workers
430301	Homeland security	High-paying	Food and personal services	331012	First-line supervisors of police and detectives
430301	Homeland security	High-paying	Managerial and professional office	119161	Emergency management directors
430301	Homeland security	Lower-paying	Managerial and professional office	119199	Managers, all other
430302	Crisis/emergency/disaster management	High-paying	Food and personal services	331012	First-line supervisors of police and detectives
430302	Crisis/emergency/disaster management	High-paying	Managerial and professional office	119161	Emergency management directors
430302	Crisis/emergency/disaster management	Lower-paying	Managerial and professional office	119199	Managers, all other
430303	Critical infrastructure protection	High-paying	Food and personal services	331012	First-line supervisors of police and detectives
430303	Critical infrastructure protection	High-paying	Managerial and professional office	119161	Emergency management directors
430303	Critical infrastructure protection	Lower-paying	Managerial and professional office	119199	Managers, all other

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
430304	Terrorism and counterterrorism operations	High-paying	Food and personal services	331012	First-line supervisors of police and detectives
430304	Terrorism and counterterrorism operations	High-paying	Managerial and professional office	119161	Emergency management directors
430304	Terrorism and counterterrorism operations	Lower-paying	Education	251111	Criminal justice and law enforcement teachers, postsecondary
430304	Terrorism and counterterrorism operations	Lower-paying	Education	251199	Postsecondary teachers, all other
430304	Terrorism and counterterrorism operations	Lower-paying	Managerial and professional office	119199	Managers, all other
430402	Criminalistics and criminal science	High-paying	Food and personal services	333021	Detectives and criminal investigators
430402	Criminalistics and criminal science	High-paying	Food and personal services	333051	Police and sheriff's patrol officers
430402	Criminalistics and criminal science	Lower-paying	Education	251111	Criminal justice and law enforcement teachers, postsecondary
430402	Criminalistics and criminal science	Lower-paying	STEM	194092	Forensic science technicians
430402	Criminalistics and criminal science	Lower-paying	STEM	194099	Life, physical, and social science technicians, all other
430403	Cyber/computer forensics and counterterrorism	High-paying	Food and personal services	333021	Detectives and criminal investigators
430403	Cyber/computer forensics and counterterrorism	High-paying	STEM	151212	Information security analysts
430403	Cyber/computer forensics and counterterrorism	Lower-paying	Education	251111	Criminal justice and law enforcement teachers, postsecondary
430403	Cyber/computer forensics and counterterrorism	Lower-paying	Food and personal services	339021	Private detectives and investigators
430403	Cyber/computer forensics and counterterrorism	Lower-paying	STEM	151299	Computer occupations, all other
430404	Cybersecurity defense strategy/policy	High-paying	Food and personal services	331012	First-line supervisors of police and detectives
430404	Cybersecurity defense strategy/policy	Lower-paying	Education	251111	Criminal justice and law enforcement teachers, postsecondary

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
430404	Cybersecurity defense strategy/policy	Lower-paying	Food and personal services	331099	First-line supervisors of protective service workers, all other
430404	Cybersecurity defense strategy/policy	Lower-paying	Managerial and professional office	119199	Managers, all other
430405	Financial forensics and fraud investigation	High-paying	Food and personal services	333021	Detectives and criminal investigators
430405	Financial forensics and fraud investigation	Lower-paying	Education	251111	Criminal justice and law enforcement teachers, postsecondary
430405	Financial forensics and fraud investigation	Lower-paying	Food and personal services	339021	Private detectives and investigators
430405	Financial forensics and fraud investigation	Lower-paying	Managerial and professional office	132011	Accountants and auditors
430405	Financial forensics and fraud investigation	Lower-paying	Managerial and professional office	132061	Financial examiners
430407	Geospatial intelligence	High-paying	Food and personal services	331012	First-line supervisors of police and detectives
430407	Geospatial intelligence	High-paying	Food and personal services	333021	Detectives and criminal investigators
430407	Geospatial intelligence	Lower-paying	Education	251064	Geography teachers, postsecondary
430407	Geospatial intelligence	Lower-paying	Education	251111	Criminal justice and law enforcement teachers, postsecondary
430407	Geospatial intelligence	Lower-paying	STEM	171021	Cartographers and photogrammetrists
430407	Geospatial intelligence	Lower-paying	STEM	193092	Geographers
430408	Law enforcement intelligence analysis	High-paying	Food and personal services	333021	Detectives and criminal investigators
430408	Law enforcement intelligence analysis	Lower-paying	Education	251111	Criminal justice and law enforcement teachers, postsecondary
440401	Public administration	High-paying	Managerial and professional office	111011	Chief executives
440401	Public administration	High-paying	Managerial and professional office	111021	General and operations managers

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
440401	Public administration	High-paying	Managerial and professional office	111031	Legislators
440401	Public administration	Lower-paying	Managerial and professional office	113071	Transportation, storage, and distribution managers
440401	Public administration	Lower-paying	Managerial and professional office	119131	Postmasters and mail superintendents
440401	Public administration	Lower-paying	Managerial and professional office	119151	Social and community service managers
440401	Public administration	Lower-paying	Managerial and professional office	119199	Managers, all other
440501	Public policy analysis, general	High-paying	Managerial and professional office	111031	Legislators
440501	Public policy analysis, general	Lower-paying	Education	251065	Political science teachers, postsecondary
440501	Public policy analysis, general	Lower-paying	STEM	193094	Political scientists
440501	Public policy analysis, general	Lower-paying	STEM	194061	Social science research assistants
460000	Construction trades, general	High-paying	Blue-collar	471011	First-line supervisors of construction trades and extraction workers
460101	Mason/masonry	High-paying	Blue-collar	471011	First-line supervisors of construction trades and extraction workers
460101	Mason/masonry	Lower-paying	Blue-collar	472021	Brickmasons and blockmasons
460101	Mason/masonry	Lower-paying	Blue-collar	472022	Stonemasons
460101	Mason/masonry	Lower-paying	Blue-collar	472044	Tile and stone setters
460201	Carpentry/carpenter	High-paying	Blue-collar	471011	First-line supervisors of construction trades and extraction workers
460201	Carpentry/carpenter	Lower-paying	Blue-collar	472031	Carpenters
460301	Electrical and power transmission installation/installer, general	High-paying	Blue-collar	491011	First-line supervisors of mechanics, installers, and repairers
460301	Electrical and power transmission installation/installer, general	High-paying	Blue-collar	499051	Electrical power-line installers and repairers

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
460301	Electrical and power transmission installation/installer, general	Lower-paying	Blue-collar	492095	Electrical and electronics repairers, powerhouse, substation, and relay
460302	Electrician	High-paying	Blue-collar	471011	First-line supervisors of construction trades and extraction workers
460302	Electrician	Lower-paying	Blue-collar	472111	Electricians
460302	Electrician	Lower-paying	Blue-collar	492098	Security and fire alarm systems installers
460302	Electrician	Lower-paying	Blue-collar	499097	Signal and track switch repairers
460303	Lineworker	High-paying	Blue-collar	491011	First-line supervisors of mechanics, installers, and repairers
460303	Lineworker	High-paying	Blue-collar	499051	Electrical power-line installers and repairers
460399	Electrical and power transmission installers, other	High-paying	Blue-collar	499051	Electrical power-line installers and repairers
460401	Building/property maintenance	High-paying	Blue-collar	471011	First-line supervisors of construction trades and extraction workers
460401	Building/property maintenance	High-paying	Managerial and professional office	113013	Facilities managers
460401	Building/property maintenance	Lower-paying	Blue-collar	499071	Maintenance and repair workers, general
460401	Building/property maintenance	Lower-paying	Food and personal services	371011	First-line supervisors of housekeeping and janitorial workers
460402	Concrete finishing/concrete finisher	High-paying	Blue-collar	471011	First-line supervisors of construction trades and extraction workers
460402	Concrete finishing/concrete finisher	Lower-paying	Blue-collar	472051	Cement masons and concrete finishers
460403	Building/home/construction inspection/inspector	High-paying	Blue-collar	471011	First-line supervisors of construction trades and extraction workers
460403	Building/home/construction inspection/inspector	Lower-paying	Blue-collar	474011	Construction and building inspectors
460404	Drywall installation/drywaller	High-paying	Blue-collar	471011	First-line supervisors of construction trades and extraction workers
460404	Drywall installation/drywaller	Lower-paying	Blue-collar	472081	Drywall and ceiling tile installers

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
460406	Glazier	High-paying	Blue-collar	471011	First-line supervisors of construction trades and extraction workers
460406	Glazier	Lower-paying	Blue-collar	472121	Glaziers
460408	Painting/painter and wall coverer	High-paying	Blue-collar	471011	First-line supervisors of construction trades and extraction workers
460408	Painting/painter and wall coverer	Lower-paying	Blue-collar	472141	Painters, construction and maintenance
460408	Painting/painter and wall coverer	Lower-paying	Blue-collar	472142	Paperhangers
460410	Rofer	High-paying	Blue-collar	471011	First-line supervisors of construction trades and extraction workers
460410	Rofer	Lower-paying	Blue-collar	472181	Roofers
460410	Rofer	Lower-paying	Blue-collar	472231	Solar photovoltaic installers
460412	Building/construction site management/manager	High-paying	Blue-collar	471011	First-line supervisors of construction trades and extraction workers
460412	Building/construction site management/manager	High-paying	Managerial and professional office	113013	Facilities managers
460412	Building/construction site management/manager	Lower-paying	Blue-collar	499095	Manufactured building and mobile home installers
460413	Carpet, floor, and tile worker	High-paying	Blue-collar	471011	First-line supervisors of construction trades and extraction workers
460413	Carpet, floor, and tile worker	Lower-paying	Blue-collar	472041	Carpet installers
460413	Carpet, floor, and tile worker	Lower-paying	Blue-collar	472042	Floor layers, except carpet, wood, and hard tiles
460413	Carpet, floor, and tile worker	Lower-paying	Blue-collar	472043	Floor sanders and finishers
460413	Carpet, floor, and tile worker	Lower-paying	Blue-collar	472044	Tile and stone setters
460413	Carpet, floor, and tile worker	Lower-paying	Blue-collar	472053	Terrazzo workers and finishers
460414	Insulator	High-paying	Blue-collar	471011	First-line supervisors of construction trades and extraction workers
460414	Insulator	Lower-paying	Blue-collar	472131	Insulation workers, floor, ceiling, and wall
460414	Insulator	Lower-paying	Blue-collar	472132	Insulation workers, mechanical

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
460415	Building construction technology/technician	High-paying	Blue-collar	471011	First-line supervisors of construction trades and extraction workers
460415	Building construction technology/technician	High-paying	STEM	173022	Civil engineering technologists and technicians
460502	Pipefitting/pipefitter and sprinkler fitter	High-paying	Blue-collar	471011	First-line supervisors of construction trades and extraction workers
460502	Pipefitting/pipefitter and sprinkler fitter	Lower-paying	Blue-collar	472152	Plumbers, pipefitters, and steamfitters
460503	Plumbing technology/plumber	High-paying	Blue-collar	471011	First-line supervisors of construction trades and extraction workers
460503	Plumbing technology/plumber	Lower-paying	Blue-collar	472152	Plumbers, pipefitters, and steamfitters
460503	Plumbing technology/plumber	Lower-paying	Blue-collar	474071	Septic tank servicers and sewer pipe cleaners
460504	Well drilling/driller	High-paying	Blue-collar	471011	First-line supervisors of construction trades and extraction workers
460504	Well drilling/driller	High-paying	Blue-collar	475011	Derrick operators, oil and gas
460504	Well drilling/driller	High-paying	Blue-collar	475012	Rotary drill operators, oil and gas
460504	Well drilling/driller	High-paying	Blue-collar	475023	Earth drillers, except oil and gas
460504	Well drilling/driller	Lower-paying	Blue-collar	475032	Explosives workers, ordnance handling experts, and blasters
470000	Mechanics and repairers, general	High-paying	Blue-collar	491011	First-line supervisors of mechanics, installers, and repairers
470000	Mechanics and repairers, general	Lower-paying	Blue-collar	499099	Installation, maintenance, and repair workers, all other
470302	Heavy equipment maintenance technology/technician	High-paying	Blue-collar	493042	Mobile heavy equipment mechanics, except engines
470302	Heavy equipment maintenance technology/technician	High-paying	Blue-collar	493043	Rail car repairers
470302	Heavy equipment maintenance technology/technician	High-paying	Blue-collar	499012	Control and valve installers and repairers, except mechanical door
470303	Industrial mechanics and maintenance technology/technician	High-paying	Blue-collar	474021	Elevator and escalator installers and repairers

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
470303	Industrial mechanics and maintenance technology/technician	High-paying	Blue-collar	499012	Control and valve installers and repairers, except mechanical door
470303	Industrial mechanics and maintenance technology/technician	High-paying	Blue-collar	499041	Industrial machinery mechanics
470303	Industrial mechanics and maintenance technology/technician	High-paying	Blue-collar	499044	Millwrights
470303	Industrial mechanics and maintenance technology/technician	High-paying	Blue-collar	499045	Refractory materials repairers, except brickmasons
470303	Industrial mechanics and maintenance technology/technician	Lower-paying	Blue-collar	499043	Maintenance workers, machinery
470303	Industrial mechanics and maintenance technology/technician	Lower-paying	Blue-collar	499081	Wind turbine service technicians
470600	Vehicle maintenance and repair technology/technician, general	High-paying	Blue-collar	491011	First-line supervisors of mechanics, installers, and repairers
470600	Vehicle maintenance and repair technology/technician, general	Lower-paying	Blue-collar	493023	Automotive service technicians and mechanics
470609	Avionics maintenance technology/technician	High-paying	STEM	173021	Aerospace engineering and operations technologists and technicians
470609	Avionics maintenance technology/technician	Lower-paying	Blue-collar	492091	Avionics technicians
470609	Avionics maintenance technology/technician	Lower-paying	Blue-collar	512011	Aircraft structure, surfaces, rigging, and systems assemblers
470617	High performance and custom engine technician/mechanic	High-paying	Blue-collar	491011	First-line supervisors of mechanics, installers, and repairers
470617	High performance and custom engine technician/mechanic	Lower-paying	Blue-collar	493023	Automotive service technicians and mechanics
470701	Energy systems installation and repair technology/technician	High-paying	Blue-collar	491011	First-line supervisors of mechanics, installers, and repairers
470701	Energy systems installation and repair technology/technician	High-paying	Blue-collar	499041	Industrial machinery mechanics

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
470701	Energy systems installation and repair technology/technician	Lower-paying	Blue-collar	499081	Wind turbine service technicians
470701	Energy systems installation and repair technology/technician	Lower-paying	Blue-collar	499099	Installation, maintenance, and repair workers, all other
470703	Solar energy system installation and repair technology/technician	High-paying	Blue-collar	491011	First-line supervisors of mechanics, installers, and repairers
470703	Solar energy system installation and repair technology/technician	Lower-paying	Blue-collar	472231	Solar photovoltaic installers
470703	Solar energy system installation and repair technology/technician	Lower-paying	Blue-collar	499099	Installation, maintenance, and repair workers, all other
470704	Wind energy system installation and repair technology/technician	High-paying	Blue-collar	491011	First-line supervisors of mechanics, installers, and repairers
470704	Wind energy system installation and repair technology/technician	Lower-paying	Blue-collar	499081	Wind turbine service technicians
480507	Tool and die technology/technician	High-paying	Blue-collar	514111	Tool and die makers
490102	Airline/commercial/professional pilot and flight crew	High-paying	Blue-collar	532011	Airline pilots, copilots, and flight engineers
490102	Airline/commercial/professional pilot and flight crew	High-paying	Blue-collar	532012	Commercial pilots
490105	Air traffic controller	High-paying	Blue-collar	532021	Air traffic controllers
490105	Air traffic controller	High-paying	Blue-collar	532022	Airfield operations specialists
490108	Flight instructor	High-paying	Blue-collar	532011	Airline pilots, copilots, and flight engineers
490108	Flight instructor	High-paying	Blue-collar	532012	Commercial pilots
490202	Construction/heavy equipment/earthmoving equipment operation	High-paying	Blue-collar	472071	Paving, surfacing, and tamping equipment operators
490202	Construction/heavy equipment/earthmoving equipment operation	High-paying	Blue-collar	472072	Pile driver operators
490202	Construction/heavy equipment/earthmoving equipment operation	High-paying	Blue-collar	472073	Operating engineers and other construction equipment operators
490202	Construction/heavy equipment/earthmoving equipment operation	High-paying	Blue-collar	475022	Excavating and loading machine and dragline operators, surface mining
490202	Construction/heavy equipment/earthmoving equipment operation	High-paying	Blue-collar	475023	Earth drillers, except oil and gas

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
490202	Construction/heavy equipment/earthmoving equipment operation	High-paying	Blue-collar	475041	Continuous mining machine operators
490202	Construction/heavy equipment/earthmoving equipment operation	High-paying	Blue-collar	475049	Underground mining machine operators, all other
490202	Construction/heavy equipment/earthmoving equipment operation	High-paying	Blue-collar	475099	Extraction workers, all other
490202	Construction/heavy equipment/earthmoving equipment operation	High-paying	Blue-collar	537021	Crane and tower operators
490202	Construction/heavy equipment/earthmoving equipment operation	Lower-paying	Blue-collar	454022	Logging equipment operators
490202	Construction/heavy equipment/earthmoving equipment operation	Lower-paying	Blue-collar	474051	Highway maintenance workers
490202	Construction/heavy equipment/earthmoving equipment operation	Lower-paying	Blue-collar	474061	Rail-track laying and maintenance equipment operators
490202	Construction/heavy equipment/earthmoving equipment operation	Lower-paying	Blue-collar	475032	Explosives workers, ordnance handling experts, and blasters
490202	Construction/heavy equipment/earthmoving equipment operation	Lower-paying	Blue-collar	537031	Dredge operators
490202	Construction/heavy equipment/earthmoving equipment operation	Lower-paying	Blue-collar	537041	Hoist and winch operators
490202	Construction/heavy equipment/earthmoving equipment operation	Lower-paying	Blue-collar	537199	Material moving workers, all other
490208	Railroad and railway transportation	High-paying	Blue-collar	534011	Locomotive engineers
490208	Railroad and railway transportation	High-paying	Blue-collar	534013	Rail yard engineers, dinkey operators, and hostlers
490208	Railroad and railway transportation	High-paying	Blue-collar	534031	Railroad conductors and yardmasters
490208	Railroad and railway transportation	Lower-paying	Blue-collar	531043	First-line supervisors of material-moving machine and vehicle operators
490208	Railroad and railway transportation	Lower-paying	Blue-collar	531049	First-line supervisors of transportation workers, all other

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
490208	Railroad and railway transportation	Lower-paying	Blue-collar	534022	Railroad brake, signal, and switch operators and locomotive firers
490208	Railroad and railway transportation	Lower-paying	Blue-collar	534041	Subway and streetcar operators
490208	Railroad and railway transportation	Lower-paying	Blue-collar	534099	Rail transportation workers, all other
510702	Hospital and health care facilities administration/management	High-paying	Managerial and professional office	113013	Facilities managers
510702	Hospital and health care facilities administration/management	Lower-paying	Education	251011	Business teachers, postsecondary
510702	Hospital and health care facilities administration/management	Lower-paying	Managerial and professional office	119111	Medical and health services managers
510709	Medical office computer specialist/assistant	High-paying	STEM	151251	Computer programmers
510709	Medical office computer specialist/assistant	Lower-paying	STEM	151232	Computer user support specialists
510901	Cardiovascular technology/technologist	High-paying	Health	292031	Cardiovascular technologists and technicians
510901	Cardiovascular technology/technologist	Lower-paying	Education	251071	Health specialties teachers, postsecondary
510902	Electrocardiograph technology/technician	High-paying	Health	292031	Cardiovascular technologists and technicians
510902	Electrocardiograph technology/technician	Lower-paying	Education	251071	Health specialties teachers, postsecondary
510904	Emergency medical technology/technician (emt paramedic)	High-paying	Health	292043	Paramedics
510904	Emergency medical technology/technician (emt paramedic)	Lower-paying	Education	251071	Health specialties teachers, postsecondary
510904	Emergency medical technology/technician (emt paramedic)	Lower-paying	Health	292042	Emergency medical technicians
510905	Nuclear medical technology/technologist	High-paying	Health	292033	Nuclear medicine technologists
510905	Nuclear medical technology/technologist	Lower-paying	Education	251071	Health specialties teachers, postsecondary

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
510907	Medical radiologic technology/science - radiation therapist	High-paying	Health	292034	Radiologic technologists and technicians
510907	Medical radiologic technology/science - radiation therapist	High-paying	Health	292036	Medical dosimetrists
510907	Medical radiologic technology/science - radiation therapist	Lower-paying	Education	251071	Health specialties teachers, postsecondary
510907	Medical radiologic technology/science - radiation therapist	Lower-paying	Health	291124	Radiation therapists
510907	Medical radiologic technology/science - radiation therapist	Lower-paying	Health	292099	Health technologists and technicians, all other
510908	Respiratory care therapy/therapist	High-paying	Health	291126	Respiratory therapists
510908	Respiratory care therapy/therapist	Lower-paying	Education	251071	Health specialties teachers, postsecondary
510908	Respiratory care therapy/therapist	Lower-paying	Health	292099	Health technologists and technicians, all other
510910	Diagnostic medical sonography/sonographer and ultrasound technician	High-paying	Health	292032	Diagnostic medical sonographers
510910	Diagnostic medical sonography/sonographer and ultrasound technician	Lower-paying	Education	251071	Health specialties teachers, postsecondary
510911	Radiologic technology/science - radiographer	High-paying	Health	292034	Radiologic technologists and technicians
510911	Radiologic technology/science - radiographer	Lower-paying	Education	251071	Health specialties teachers, postsecondary
510915	Cardiopulmonary technology/technologist	High-paying	Health	292031	Cardiovascular technologists and technicians
510915	Cardiopulmonary technology/technologist	Lower-paying	Education	251071	Health specialties teachers, postsecondary
510915	Cardiopulmonary technology/technologist	Lower-paying	Health	292099	Health technologists and technicians, all other
510916	Radiation protection/health physics technician	High-paying	STEM	194051	Nuclear technicians
510916	Radiation protection/health physics technician	Lower-paying	Education	251071	Health specialties teachers, postsecondary

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
510916	Radiation protection/health physics technician	Lower-paying	Health	292099	Health technologists and technicians, all other
510916	Radiation protection/health physics technician	Lower-paying	STEM	195012	Occupational health and safety technicians
510919	Mammography technology/technician	High-paying	Health	292034	Radiologic technologists and technicians
510919	Mammography technology/technician	Lower-paying	Education	251071	Health specialties teachers, postsecondary
510920	Magnetic resonance imaging (mri) technology/technician	High-paying	Health	292035	Magnetic resonance imaging technologists
510920	Magnetic resonance imaging (mri) technology/technician	Lower-paying	Education	251071	Health specialties teachers, postsecondary
512006	Clinical and industrial drug development	High-paying	Managerial and professional office	113051	Industrial production managers
512006	Clinical and industrial drug development	High-paying	Managerial and professional office	119121	Natural sciences managers
512006	Clinical and industrial drug development	Lower-paying	Education	251071	Health specialties teachers, postsecondary
512011	Pharmaceutical marketing and management	High-paying	Managerial and professional office	112021	Marketing managers
512011	Pharmaceutical marketing and management	High-paying	Managerial and professional office	112022	Sales managers
512011	Pharmaceutical marketing and management	Lower-paying	Education	251071	Health specialties teachers, postsecondary
512011	Pharmaceutical marketing and management	Lower-paying	Managerial and professional office	119111	Medical and health services managers
512312	Assistive/augmentative technology and rehabilitation engineering	High-paying	STEM	172199	Engineers, all other
512312	Assistive/augmentative technology and rehabilitation engineering	Lower-paying	Blue-collar	519082	Medical appliance technicians
512312	Assistive/augmentative technology and rehabilitation engineering	Lower-paying	Community services and arts	211015	Rehabilitation counselors
512312	Assistive/augmentative technology and rehabilitation engineering	Lower-paying	Health	292091	Orthotists and prosthetists

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
513801	Registered nursing/registered nurse	High-paying	Health	291141	Registered nurses
513801	Registered nursing/registered nurse	Lower-paying	Education	251072	Nursing instructors and teachers, postsecondary
513802	Nursing administration	High-paying	Health	291141	Registered nurses
513802	Nursing administration	Lower-paying	Health	291171	Nurse practitioners
513802	Nursing administration	Lower-paying	Managerial and professional office	119111	Medical and health services managers
513803	Adult health nurse/nursing	High-paying	Health	291141	Registered nurses
513803	Adult health nurse/nursing	Lower-paying	Education	251072	Nursing instructors and teachers, postsecondary
513803	Adult health nurse/nursing	Lower-paying	Health	291171	Nurse practitioners
513805	Family practice nurse/nursing	High-paying	Health	291141	Registered nurses
513805	Family practice nurse/nursing	Lower-paying	Education	251072	Nursing instructors and teachers, postsecondary
513805	Family practice nurse/nursing	Lower-paying	Health	291171	Nurse practitioners
513808	Nursing science	High-paying	Health	291141	Registered nurses
513808	Nursing science	Lower-paying	Education	251072	Nursing instructors and teachers, postsecondary
513808	Nursing science	Lower-paying	Health	291171	Nurse practitioners
513811	Public health/community nurse/nursing	High-paying	Health	291141	Registered nurses
513811	Public health/community nurse/nursing	Lower-paying	Education	251072	Nursing instructors and teachers, postsecondary
513811	Public health/community nurse/nursing	Lower-paying	Health	291171	Nurse practitioners
513812	Perioperative/operating room and surgical nurse/nursing	High-paying	Health	291141	Registered nurses
513812	Perioperative/operating room and surgical nurse/nursing	Lower-paying	Education	251072	Nursing instructors and teachers, postsecondary
513812	Perioperative/operating room and surgical nurse/nursing	Lower-paying	Health	291171	Nurse practitioners
513815	Occupational and environmental health nursing	High-paying	Health	291141	Registered nurses
513815	Occupational and environmental health nursing	Lower-paying	Education	251072	Nursing instructors and teachers, postsecondary

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
513815	Occupational and environmental health nursing	Lower-paying	Health	291171	Nurse practitioners
513818	Nursing practice	High-paying	Health	291141	Registered nurses
513818	Nursing practice	Lower-paying	Education	251072	Nursing instructors and teachers, postsecondary
513818	Nursing practice	Lower-paying	Health	291171	Nurse practitioners
513818	Nursing practice	Lower-paying	Managerial and professional office	119111	Medical and health services managers
513819	Palliative care nursing	High-paying	Health	291141	Registered nurses
513819	Palliative care nursing	Lower-paying	Education	251072	Nursing instructors and teachers, postsecondary
513819	Palliative care nursing	Lower-paying	Health	291171	Nurse practitioners
513821	Geriatric nurse/nursing	High-paying	Health	291141	Registered nurses
513821	Geriatric nurse/nursing	Lower-paying	Education	251072	Nursing instructors and teachers, postsecondary
513821	Geriatric nurse/nursing	Lower-paying	Health	291171	Nurse practitioners
513899	Registered nursing, nursing administration, nursing research and clinical nursing, other	High-paying	Health	291141	Registered nurses
513899	Registered nursing, nursing administration, nursing research and clinical nursing, other	Lower-paying	Education	251072	Nursing instructors and teachers, postsecondary
513899	Registered nursing, nursing administration, nursing research and clinical nursing, other	Lower-paying	Health	291171	Nurse practitioners
520101	Business/commerce, general	High-paying	Managerial and professional office	111011	Chief executives
520101	Business/commerce, general	High-paying	Managerial and professional office	111021	General and operations managers
520101	Business/commerce, general	High-paying	Managerial and professional office	112022	Sales managers
520101	Business/commerce, general	High-paying	Managerial and professional office	113013	Facilities managers
520101	Business/commerce, general	High-paying	Managerial and professional office	113051	Industrial production managers
520101	Business/commerce, general	High-paying	Managerial and professional office	119021	Construction managers

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
520101	Business/commerce, general	High-paying	Managerial and professional office	131051	Cost estimators
520101	Business/commerce, general	High-paying	Managerial and professional office	131082	Project management specialists
520101	Business/commerce, general	High-paying	Managerial and professional office	131111	Management analysts
520101	Business/commerce, general	Lower-paying	Education	251011	Business teachers, postsecondary
520101	Business/commerce, general	Lower-paying	Managerial and professional office	113012	Administrative services managers
520101	Business/commerce, general	Lower-paying	Managerial and professional office	113071	Transportation, storage, and distribution managers
520101	Business/commerce, general	Lower-paying	Managerial and professional office	119072	Entertainment and recreation managers, except gambling
520101	Business/commerce, general	Lower-paying	Managerial and professional office	119151	Social and community service managers
520101	Business/commerce, general	Lower-paying	Managerial and professional office	119179	Personal service managers, all other
520101	Business/commerce, general	Lower-paying	Managerial and professional office	119199	Managers, all other
520101	Business/commerce, general	Lower-paying	Managerial and professional office	132022	Appraisers of personal and business property
520201	Business administration and management, general	High-paying	Managerial and professional office	111011	Chief executives
520201	Business administration and management, general	High-paying	Managerial and professional office	111021	General and operations managers
520201	Business administration and management, general	High-paying	Managerial and professional office	112022	Sales managers
520201	Business administration and management, general	High-paying	Managerial and professional office	113013	Facilities managers
520201	Business administration and management, general	High-paying	Managerial and professional office	113051	Industrial production managers

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
520201	Business administration and management, general	High-paying	Managerial and professional office	119021	Construction managers
520201	Business administration and management, general	High-paying	Managerial and professional office	131051	Cost estimators
520201	Business administration and management, general	High-paying	Managerial and professional office	131082	Project management specialists
520201	Business administration and management, general	High-paying	Managerial and professional office	131111	Management analysts
520201	Business administration and management, general	Lower-paying	Education	251011	Business teachers, postsecondary
520201	Business administration and management, general	Lower-paying	Managerial and professional office	113012	Administrative services managers
520201	Business administration and management, general	Lower-paying	Managerial and professional office	113071	Transportation, storage, and distribution managers
520201	Business administration and management, general	Lower-paying	Managerial and professional office	113111	Compensation and benefits managers
520201	Business administration and management, general	Lower-paying	Managerial and professional office	113121	Human resources managers
520201	Business administration and management, general	Lower-paying	Managerial and professional office	113131	Training and development managers
520201	Business administration and management, general	Lower-paying	Managerial and professional office	119072	Entertainment and recreation managers, except gambling
520201	Business administration and management, general	Lower-paying	Managerial and professional office	119151	Social and community service managers
520201	Business administration and management, general	Lower-paying	Managerial and professional office	119179	Personal service managers, all other
520201	Business administration and management, general	Lower-paying	Managerial and professional office	119199	Managers, all other
520201	Business administration and management, general	Lower-paying	Managerial and professional office	131071	Human resources specialists
520201	Business administration and management, general	Lower-paying	Managerial and professional office	131081	Logisticians

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
520201	Business administration and management, general	Lower-paying	Managerial and professional office	131141	Compensation, benefits, and job analysis specialists
520201	Business administration and management, general	Lower-paying	Managerial and professional office	131199	Business operations specialists, all other
520202	Purchasing, procurement/acquisitions and contracts management	High-paying	Managerial and professional office	113013	Facilities managers
520202	Purchasing, procurement/acquisitions and contracts management	High-paying	Managerial and professional office	113061	Purchasing managers
520202	Purchasing, procurement/acquisitions and contracts management	Lower-paying	Education	251011	Business teachers, postsecondary
520202	Purchasing, procurement/acquisitions and contracts management	Lower-paying	Managerial and professional office	113012	Administrative services managers
520202	Purchasing, procurement/acquisitions and contracts management	Lower-paying	Managerial and professional office	131011	Agents and business managers of artists, performers, and athletes
520202	Purchasing, procurement/acquisitions and contracts management	Lower-paying	Managerial and professional office	131023	Purchasing agents, except wholesale, retail, and farm products
520203	Logistics, materials, and supply chain management	High-paying	Managerial and professional office	113051	Industrial production managers
520203	Logistics, materials, and supply chain management	Lower-paying	Education	251011	Business teachers, postsecondary
520203	Logistics, materials, and supply chain management	Lower-paying	Managerial and professional office	113071	Transportation, storage, and distribution managers
520203	Logistics, materials, and supply chain management	Lower-paying	Managerial and professional office	131081	Logisticians
520205	Operations management and supervision	High-paying	Blue-collar	491011	First-line supervisors of mechanics, installers, and repairers
520205	Operations management and supervision	High-paying	Blue-collar	511011	First-line supervisors of production and operating workers

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
520205	Operations management and supervision	High-paying	Managerial and professional office	113013	Facilities managers
520205	Operations management and supervision	High-paying	Managerial and professional office	113021	Computer and information systems managers
520205	Operations management and supervision	High-paying	Managerial and professional office	113051	Industrial production managers
520205	Operations management and supervision	High-paying	Managerial and professional office	119021	Construction managers
520205	Operations management and supervision	Lower-paying	Education	251011	Business teachers, postsecondary
520205	Operations management and supervision	Lower-paying	Managerial and professional office	131081	Logisticians
520206	Non-profit/public/organizational management	High-paying	Managerial and professional office	111011	Chief executives
520206	Non-profit/public/organizational management	High-paying	Managerial and professional office	111021	General and operations managers
520206	Non-profit/public/organizational management	Lower-paying	Education	251011	Business teachers, postsecondary
520206	Non-profit/public/organizational management	Lower-paying	Managerial and professional office	112033	Fundraising managers
520206	Non-profit/public/organizational management	Lower-paying	Managerial and professional office	119039	Education administrators, all other
520206	Non-profit/public/organizational management	Lower-paying	Managerial and professional office	119111	Medical and health services managers
520206	Non-profit/public/organizational management	Lower-paying	Managerial and professional office	119151	Social and community service managers
520206	Non-profit/public/organizational management	Lower-paying	Managerial and professional office	119199	Managers, all other
520206	Non-profit/public/organizational management	Lower-paying	Managerial and professional office	132099	Financial specialists, all other
520210	Research and development management	High-paying	Managerial and professional office	119121	Natural sciences managers

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
520210	Research and development management	Lower-paying	Education	251011	Business teachers, postsecondary
520210	Research and development management	Lower-paying	Managerial and professional office	119111	Medical and health services managers
520210	Research and development management	Lower-paying	Managerial and professional office	119199	Managers, all other
520211	Project management	High-paying	Managerial and professional office	131082	Project management specialists
520211	Project management	Lower-paying	Education	251011	Business teachers, postsecondary
520211	Project management	Lower-paying	Managerial and professional office	119199	Managers, all other
520212	Retail management	High-paying	Managerial and professional office	111021	General and operations managers
520212	Retail management	Lower-paying	Education	251011	Business teachers, postsecondary
520212	Retail management	Lower-paying	Managerial and professional office	119179	Personal service managers, all other
520212	Retail management	Lower-paying	Sales and office support	411011	First-line supervisors of retail sales workers
520213	Organizational leadership	High-paying	Managerial and professional office	131111	Management analysts
520213	Organizational leadership	Lower-paying	Education	251011	Business teachers, postsecondary
520213	Organizational leadership	Lower-paying	Managerial and professional office	112033	Fundraising managers
520213	Organizational leadership	Lower-paying	Managerial and professional office	113121	Human resources managers
520213	Organizational leadership	Lower-paying	Managerial and professional office	113131	Training and development managers
520213	Organizational leadership	Lower-paying	Managerial and professional office	119199	Managers, all other
520215	Risk management	High-paying	Managerial and professional office	111021	General and operations managers

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
520215	Risk management	Lower-paying	Managerial and professional office	113031	Financial managers
520215	Risk management	Lower-paying	Managerial and professional office	132053	Insurance underwriters
520215	Risk management	Lower-paying	Managerial and professional office	132054	Financial risk specialists
520215	Risk management	Lower-paying	STEM	152011	Actuaries
520216	Science/technology management	High-paying	Managerial and professional office	113051	Industrial production managers
520216	Science/technology management	High-paying	Managerial and professional office	119041	Architectural and engineering managers
520216	Science/technology management	High-paying	Managerial and professional office	119121	Natural sciences managers
520216	Science/technology management	High-paying	Managerial and professional office	131082	Project management specialists
520216	Science/technology management	Lower-paying	Managerial and professional office	119111	Medical and health services managers
520216	Science/technology management	Lower-paying	Managerial and professional office	119199	Managers, all other
520601	Business/managerial economics	High-paying	Managerial and professional office	131111	Management analysts
520601	Business/managerial economics	Lower-paying	Education	251063	Economics teachers, postsecondary
520601	Business/managerial economics	Lower-paying	Managerial and professional office	132054	Financial risk specialists
520601	Business/managerial economics	Lower-paying	STEM	193011	Economists
520601	Business/managerial economics	Lower-paying	STEM	193022	Survey researchers
520701	Entrepreneurship/entrepreneurial studies	High-paying	Managerial and professional office	111011	Chief executives
520701	Entrepreneurship/entrepreneurial studies	High-paying	Managerial and professional office	111021	General and operations managers
520701	Entrepreneurship/entrepreneurial studies	Lower-paying	Education	251011	Business teachers, postsecondary

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
520701	Entrepreneurship/entrepreneurial studies	Lower-paying	Managerial and professional office	119199	Managers, all other
520801	Finance, general	High-paying	Managerial and professional office	111011	Chief executives
520801	Finance, general	High-paying	Managerial and professional office	111021	General and operations managers
520801	Finance, general	Lower-paying	Education	251011	Business teachers, postsecondary
520801	Finance, general	Lower-paying	Managerial and professional office	113031	Financial managers
520801	Finance, general	Lower-paying	Managerial and professional office	131141	Compensation, benefits, and job analysis specialists
520801	Finance, general	Lower-paying	Managerial and professional office	132022	Appraisers of personal and business property
520801	Finance, general	Lower-paying	Managerial and professional office	132031	Budget analysts
520801	Finance, general	Lower-paying	Managerial and professional office	132041	Credit analysts
520801	Finance, general	Lower-paying	Managerial and professional office	132051	Financial and investment analysts
520801	Finance, general	Lower-paying	Managerial and professional office	132052	Personal financial advisors
520801	Finance, general	Lower-paying	Managerial and professional office	132054	Financial risk specialists
520801	Finance, general	Lower-paying	Managerial and professional office	132072	Loan officers
520801	Finance, general	Lower-paying	Managerial and professional office	132099	Financial specialists, all other
520904	Hotel/motel administration/management	High-paying	Managerial and professional office	113013	Facilities managers
520904	Hotel/motel administration/management	Lower-paying	Managerial and professional office	119051	Food service managers

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
520904	Hotel/motel administration/management	Lower-paying	Managerial and professional office	119081	Lodging managers
520904	Hotel/motel administration/management	Lower-paying	Managerial and professional office	131199	Business operations specialists, all other
521101	International business/trade/commerce	High-paying	Managerial and professional office	111011	Chief executives
521101	International business/trade/commerce	High-paying	Managerial and professional office	111021	General and operations managers
521101	International business/trade/commerce	Lower-paying	Education	251011	Business teachers, postsecondary
521101	International business/trade/commerce	Lower-paying	Managerial and professional office	131199	Business operations specialists, all other
521201	Management information systems, general	High-paying	Managerial and professional office	113021	Computer and information systems managers
521201	Management information systems, general	High-paying	STEM	151243	Database architects
521201	Management information systems, general	High-paying	STEM	151251	Computer programmers
521201	Management information systems, general	Lower-paying	Education	251021	Computer science teachers, postsecondary
521206	Information resources management	High-paying	Managerial and professional office	113021	Computer and information systems managers
521206	Information resources management	Lower-paying	Education	251021	Computer science teachers, postsecondary
521207	Knowledge management	High-paying	Managerial and professional office	113021	Computer and information systems managers
521207	Knowledge management	Lower-paying	Education	251021	Computer science teachers, postsecondary
521299	Management information systems and services, other	High-paying	Managerial and professional office	113021	Computer and information systems managers
521299	Management information systems and services, other	Lower-paying	Education	251021	Computer science teachers, postsecondary
521301	Management science	High-paying	Managerial and professional office	111011	Chief executives
521301	Management science	High-paying	Managerial and professional office	111021	General and operations managers

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
521301	Management science	High-paying	Managerial and professional office	131111	Management analysts
521301	Management science	High-paying	STEM	152031	Operations research analysts
521301	Management science	Lower-paying	Education	251011	Business teachers, postsecondary
521301	Management science	Lower-paying	STEM	152051	Data scientists
521401	Marketing/marketing management, general	High-paying	Managerial and professional office	112021	Marketing managers
521401	Marketing/marketing management, general	High-paying	Managerial and professional office	112022	Sales managers
521401	Marketing/marketing management, general	Lower-paying	Education	251011	Business teachers, postsecondary
521401	Marketing/marketing management, general	Lower-paying	Managerial and professional office	112011	Advertising and promotions managers
521401	Marketing/marketing management, general	Lower-paying	Managerial and professional office	112033	Fundraising managers
521401	Marketing/marketing management, general	Lower-paying	Managerial and professional office	131131	Fundraisers
521401	Marketing/marketing management, general	Lower-paying	Managerial and professional office	131161	Market research analysts and marketing specialists
521402	Marketing research	High-paying	Managerial and professional office	112021	Marketing managers
521402	Marketing research	Lower-paying	Education	251011	Business teachers, postsecondary
521402	Marketing research	Lower-paying	Managerial and professional office	131161	Market research analysts and marketing specialists
521402	Marketing research	Lower-paying	STEM	193022	Survey researchers
521403	International marketing	High-paying	Managerial and professional office	112021	Marketing managers
521403	International marketing	Lower-paying	Education	251011	Business teachers, postsecondary
521403	International marketing	Lower-paying	Managerial and professional office	131161	Market research analysts and marketing specialists
521404	Digital marketing	High-paying	Managerial and professional office	112021	Marketing managers

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
521404	Digital marketing	Lower-paying	Education	251011	Business teachers, postsecondary
521404	Digital marketing	Lower-paying	Managerial and professional office	131161	Market research analysts and marketing specialists
521404	Digital marketing	Lower-paying	STEM	151255	Web and digital interface designers
521499	Marketing, other	High-paying	Managerial and professional office	112021	Marketing managers
521499	Marketing, other	Lower-paying	Education	251011	Business teachers, postsecondary
521499	Marketing, other	Lower-paying	Managerial and professional office	131161	Market research analysts and marketing specialists
521910	Hospitality and recreation marketing operations	High-paying	Managerial and professional office	112021	Marketing managers
521910	Hospitality and recreation marketing operations	Lower-paying	Managerial and professional office	131161	Market research analysts and marketing specialists
522001	Construction management, general	High-paying	Managerial and professional office	119021	Construction managers
522002	Construction project management	High-paying	Managerial and professional office	119021	Construction managers
522002	Construction project management	High-paying	Managerial and professional office	131082	Project management specialists
522002	Construction project management	Lower-paying	Education	251011	Business teachers, postsecondary
522101	Telecommunications management	High-paying	Managerial and professional office	113021	Computer and information systems managers
522101	Telecommunications management	Lower-paying	Education	251011	Business teachers, postsecondary
522101	Telecommunications management	Lower-paying	Managerial and professional office	119199	Managers, all other
540104	History and philosophy of science and technology	High-paying	Managerial and professional office	119121	Natural sciences managers
540104	History and philosophy of science and technology	Lower-paying	Education	251125	History teachers, postsecondary
540104	History and philosophy of science and technology	Lower-paying	Managerial and professional office	119199	Managers, all other

Program code	Program title	Occupation type	Occupational group	Occupation code	Occupation title
540104	History and philosophy of science and technology	Lower-paying	STEM	193093	Historians