Agriculture, Food, and Natural Resource Systems

Programs Requiring Less than Two Years of Study or Training after High School:

- Agricultural and Extension Education Services
- Agricultural Production Operations
- Agricultural Technologies
- Agriculture, General
- Agronomy and Crop Science
- Animal Grooming
- Animal Sciences, General
- Animal Training
- Automotive Technology
- Commercial Fishing
- Diesel Technology
- Floral Design
- Food Services
- Forest Technology
- Heavy Equipment Operations
- Horticultural Science
- Horticulture Operations
- Industrial Mechanics
- Landscaping and Groundskeeping
- Machine Shop Technology
- Ornamental Horticulture
- Pest Management
- Private Pilot
- Small Engine Repair
- Taxidermy
- Tool and Die Technology
- Water and Wastewater Treatment Technology
- Wood Science and Paper Technology

Programs Requiring Two to Three Years of Study or Training after High School:

- Agricultural Business and Management
- Agricultural Economics
- Agricultural Production Operations
- Agricultural Technologies
- Agriculture, General
- Agronomy and Crop Science
- Animal Husbandry and Production
- Animal Sciences, General
- Automotive Technology
- Cartography
- Chemical Technology
- Commercial Fishing
- Dairy Science
- Diesel Technology
- Energy Management and Systems Technology
- Engineering, General
- Environmental Engineering Technology
- Equestrian Studies
- Farm and Ranch Management
- Fisheries Sciences and Management
- Floral Design
- Food, Nutrition, and Wellness Studies
- Forest Technology
- Horticultural Science
- Horticulture Operations
- Landscaping and Groundskeeping
- Machine Shop Technology
- Marketing
- Metallurgical Technology
- Microbiology
- Mining Technology
- Music History
- Ornamental Horticulture
- Pest Management
- Petroleum Technology
- Recreation and Parks Management
- Recreation, Fitness, and Leisure Studies
- Small Engine Repair
- Tool and Die Technology
- Turf and Turfgrass Management
- Veterinary Technology
- Water and Wastewater Treatment Technology

Programs Requiring Formal Apprenticeship Training

- Apprenticeship Programs
- Automotive Technology
- Industrial Mechanics
- Plumbing and Water Supply
- Taxidermy
- Tool and Die Technology
Agriculture, Food, and Natural Resource Systems (continued)

Programs Requiring Four or More Years of Study after High School:

- Advertising
- Agricultural and Extension Education Services
- Agricultural Business and Management
- Agricultural Economics
- Agricultural Engineering
- Agricultural Production Operations
- Agriculture, General
- Anatomy
- Animal Husbandry and Production
- Animal Physiology
- Animal Sciences, General
- Anthropology
- Applied Mathematics
- Aquaculture
- Arabic Language and Literature
- Archeology
- Art History
- Arts Administration
- Behavioral Sciences
- Biblical Language and Literature
- Biblical Studies
- Biochemistry
- Biological Sciences, General
- Biomedical Engineering
- Biometrics and Biostatistics
- Biophysics
- Biotechnology
- Botany
- Business Management and Administration
- Cartography
- Cell Biology
- Central and Eastern Asian Languages and Literature
- Central and Eastern European Language and Literature
- Chemistry
- Chinese Language and Literature
- Christian Studies
- Classical Languages and Literature
- Comparative Literature
- Conservation Biology
- Dairy Science
- Dietetics
- Ecology
- Engineering Mechanics
- Engineering, General
- Entomology
- Environmental Biology
- Environmental Design
- Environmental Engineering
- Environmental Health
- Environmental Science
- Environmental Studies
- Epidemiology
- Equestrian Studies
- Evolutionary Biology
- Farm and Ranch Management
- Fisheries Sciences and Management
- Food Science
- Food, Nutrition, and Wellness Studies
- Forestry
- French Language and Literature
- Genetics
- Geochemistry
- Geography
- Geological and Earth Sciences
- Geological and Geophysical Engineering
- Geophysics and Seismology
- Geotechnical Engineering
- German Language and Literature
- Hebrew Language and Literature
- Historic Preservation
- History
- Holocaust and Genocide Studies
- Horticulture Operations
- Hydrology and Water Resources Science
- Islamic Studies
- Italian Language and Literature
- Japanese Language and Literature
- Jewish Studies
- Language Interpretation and Translation
- Linguistics
- Marine Biology
- Marketing
- Mechanical Engineering
- Medieval and Renaissance Studies
- Metallurgical Engineering
- Microbiology
- Mining and Mineral Engineering
- Ministry
- Missions and Missionary Studies
- Modern Greek Language and Literature
- Museum Studies
- Music History
- Musicology and Ethnomusicology
- Native American Language and Literature
- Natural Resources Conservation
- Natural Resources Policy and Management
- Natural Sciences
- Oceanography
Agriculture, Food, and Natural Resource Systems (continued)

Ornamental Horticulture
Pastoral Studies and Counseling
Pest Management
Petroleum Engineering
Physical Sciences, General
Physiology
Plant Biology
Plant Pathology
Plant Physiology
Plant Science
Portuguese Language and Literature
Poultry Science
Pre-Veterinary Medicine
Public History
Public Policy Studies
Public Relations
Rabbinical and Talmudic Studies
Range Science and Management
Recreation and Parks Management
Recreation, Fitness, and Leisure Studies
Religious Education
Religious Studies
Romance Language and Literature
Russian Language and Literature
Scandinavian Language and Literature
Second Language, General
Soil Science
South and Southeast Asian Language and Literature
Spanish Language and Literature
Theology and Pre-Theology
Veterinary Medicine
Veterinary Sciences
Veterinary Technology
Virology
Water Resources Engineering
Water, Wetlands, and Marine Resources Management
Wildlife Biology
Wildlife Sciences and Management
Youth Ministry
Zoology and Animal Biology
Programs Requiring Less than Two Years of Study or Training after High School:

- Animation, Video Graphics, and Special Effects
- Art and Fine Arts, General
- Communications Operations Technology
- Computer Programming
- Computer Science
- Crafts
- Data Entry and Processing
- Database Administration
- Desktop Publishing and Digital Imaging
- Floral Design
- Metal and Jewelry Arts
- Modeling
- Multimedia and Intermedia
- Music Business and Management
- Music, General
- Painting and Drawing
- Photographic, Film, and Video Technology
- Printing Technologies
- Printmaking
- Radio and Television Broadcasting Technology
- Recording Arts Technology

Programs Requiring Two to Three Years of Study or Training after High School:

- American Sign Language
- Animation, Video Graphics, and Special Effects
- Apparel and Textiles
- Art and Fine Arts, General
- Arts Administration
- Ceramic Art and Design
- Cinematography and Film/Video Production
- Commercial and Advertising Art
- Communications Operations Technology
- Computer Engineering Technology
- Computer Graphics
- Computer Programming
- Computer Systems Technology
- Crafts
- Dance
- Desktop Publishing and Digital Imaging
- Dramatic Arts
- Fiber, Textile, and Weaving Arts
- Graphic Design
- Jazz Studies
- Journalism
- Marketing
- Mass Communication Studies
- Metal and Jewelry Arts
- Multimedia and Intermedia
- Music Business and Management
- Music, General
- Musical Instrument Repair
- Photographic, Film, and Video Technology
- Photography
- Piano and Organ
- Printing Technologies
- Printmaking
- Radio and Television Broadcasting Technology
- Recording Arts Technology
- Theatre Design and Technology
- Web Page and Multimedia Design
- Webmaster and Web Management

Programs Requiring Formal Apprenticeship Training

- Apprenticeship Programs
- Musical Instrument Repair

Programs Requiring Four or More Years of Study after High School:

- Agricultural and Extension Education Services
- American Sign Language
- Animation, Video Graphics, and Special Effects
- Apparel and Textiles
- Architecture
- Art and Fine Arts, General
- Art History
- Art Therapy
- Artificial Intelligence and Robotics
- Broadcast Journalism
- Ceramic Art and Design
- Cinematography and Film/Video Production
- Classical Languages and Literature
- Commercial and Advertising Art
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<td>Playwriting and Screenwriting</td>
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<td>Printing Technologies</td>
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<td>Webmaster and Web Management</td>
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<td>Women’s Studies</td>
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</table>
## Business and Management

### Programs Requiring Less than Two Years of Study or Training after High School:

- Administrative Assistant and Secretarial Science
- Agricultural Technologies
- Agriculture, General
- Animal Grooming
- Animal Training
- Bartending
- Bookkeeping and Accounting Technology
- Commercial and Advertising Art
- Computer Installation and Repair
- Construction Inspection
- Court Reporting
- Culinary Arts
- Custodial Services
- Data Entry and Processing
- Desktop Publishing and Digital Imaging
- Entrepreneurial and Small Business Operations
- Executive Secretarial Studies
- Floral Design
- Food Services
- Food Services
- Health Unit Coordination
- Heavy Equipment Operations
- Horticulture Operations
- Hospitality Management
- Legal Secretarial Studies
- Library Assistant
- Medical Assisting
- Medical Coding and Billing
- Medical Office Support
- Medical Secretarial Studies
- Modeling
- Music Business and Management
- Office Management
- Office Support
- Paralegal Studies
- Private Pilot
- Real Estate
- Restaurant and Food Services Management
- Retail Management
- Taxation
- Travel Services Management
- Truck and Bus Driving
- Web Page and Multimedia Design

### Programs Requiring Two to Three Years of Study or Training after High School:

- Agricultural Business and Management
- Agricultural Production Operations
- Agricultural Technologies
- Agriculture, General
- Arts Administration
- Bookkeeping and Accounting Technology
- Business Management and Administration
- Business, General
- Buying and Merchandising
- Child Care Services Management
- Commercial and Advertising Art
- Computer Engineering Technology
- Computer Installation and Repair
- Computer Systems Technology
- Construction Inspection
- Court Reporting
- Desktop Publishing and Digital Imaging
- Dramatic Arts
- Electronic Commerce
- Entrepreneurial and Small Business Operations
- Equestrian Studies
- Executive Secretarial Studies
- Farm and Ranch Management
- Fashion Merchandising
- Finance
- Floral Design
- Food Services
- Food Services
- Heavy Equipment Operations
- Horticulture Operations
- Hospitality Management
- Insurance
- Liberal Studies
- Logistics and Materials Management
- Management Information Systems
- Marketing
- Medical Assisting
- Medical Office Management
- Music Business and Management
Office Management  
Paralegal Studies  
Real Estate  
Recreation and Parks Management  
Recreation, Fitness, and Leisure Studies  
Retail Management  
Taxation  
Telecommunications Technology  
Turf and Turfgrass Management  
Web Page and Multimedia Design  
Webmaster and Web Management  

Programs Requiring Formal Apprenticeship Training  
Apprenticeship Programs  

Programs Requiring Four or More Years of Study after High School:  
Accounting  
Actuarial Science  
Advertising  
Agricultural Business and Management  
Agricultural Production Operations  
American Sign Language  
Applied Mathematics  
Arabic Language and Literature  
Arts Administration  
Biometrics and Biostatistics  
Business Economics  
Business Management and Administration  
Business, General  
Buying and Merchandising  
Central and Eastern Asian Languages and Literature  
Central and Eastern European Language and Literature  
Chinese Language and Literature  
Commercial and Advertising Art  
Communication and Speech Studies  
Community Services  
Computational Mathematics  
Computer Engineering  
Computer Science  
Computer Systems Analysis  
Computer Systems Networking and Administration  
Construction Inspection  
Consumer Economics  
Database Administration  
Demography and Population Studies  
Desktop Publishing and Digital Imaging  

Directing, Theater Production, and Arts Management  
Dramatic Arts  
Economics  
Education Administration  
Electronic Commerce  
Entrepreneurial and Small Business Operations  
Equestrian Studies  
Farm and Ranch Management  
Fashion Merchandising  
Finance  
French Language and Literature  
Funeral Service and Mortuary Science  
General Studies  
Geography  
German Language and Literature  
Graphic Design  
Health Records Administration  
Health Services Administration  
Hebrew Language and Literature  
Higher Education Administration  
Historic Preservation  
Human Resources Management  
Humanities  
Industrial Management  
Information Science  
Information Technology  
Insurance  
International Business, Trade, and Finance  
Italian Language and Literature  
Japanese Language and Literature  
Labor and Industrial Relations  
Language Interpretation and Translation  
Liberal Studies  
Logistics and Materials Management  
Management Information Systems  
Management Sciences  
Marketing  
Marketing Research  
Mass Communication Studies  
Mathematics  
Medical Informatics  
Medieval and Renaissance Studies  
Modern Greek Language and Literature  
Museum Studies  
Music Business and Management  
Nonprofit Management  
Nursing Administration  
Operations Management  
Operations Research  
Organizational Behavior  

Paralegal Studies
Pharmacy Administration
Portuguese Language and Literature
Public Administration
Public and Community Health
Public History
Public Relations
Purchasing and Contracts Management
Real Estate
Recreation and Parks Management
Recreation Therapy
Recreation, Fitness, and Leisure Studies
Retail Management
Romance Language and Literature
Russian Language and Literature
Scandinavian Language and Literature
Second Language, General
South and Southeast Asian Language and Literature
Spanish Language and Literature
Sport and Fitness Management
Statistics
Taxation
Transportation Management
Urban Education
Women’s Studies
### Health Services

#### Programs Requiring Less than Two Years of Study or Training after High School:

- Biotechnology Laboratory Technology
- Bookkeeping and Accounting Technology
- Cardiovascular and Cardiopulmonary Technology
- Chiropractic Assisting
- Custodial Services
- Cytotechnology
- Dental Assisting
- Dialysis Technology
- Dietetic Technology
- Dietitian Assisting
- Dietitian Assisting
- Fitness Instructing
- Food, Nutrition, and Wellness Studies
- Health Aide
- Health Records Technology
- Library Assistant
- Medical Assisting
- Medical Coding and Billing
- Medical Imaging Technology
- Medical Office Support
- Medical Reception
- Medical Secretarial Studies
- Medical Transcription
- Midwifery
- Nuclear Medical Technology
- Nursing Assisting
- Occupational Therapy Assisting
- Office Management
- Office Support
- Ophthalmic Laboratory Technology
- Ophthalmic Technology
- Opticianry
- Optometric Technology
- Pharmacy Technology
- Phlebotomy
- Physical Therapy Assisting
- Radiation Therapy
- Respiratory Therapy Assisting
- Surgical Technology
- Teacher Assisting
- Ultrasound and Sonography Technology

#### Programs Requiring Two to Three Years of Study or Training after High School:

- Addiction Counseling
- Biotechnology Laboratory Technology
- Bookkeeping and Accounting Technology
- Cardiovascular and Cardiopulmonary Technology
- Chiropractic Assisting
- Dental Assisting
- Dental Hygiene
- Dental Laboratory Technology
- Dialysis Technology
- Dietetic Technology
- Dietitian Assisting
- Dietitian Assisting
- Electroneurodiagnostic Technology
- Emergency Medical Care
- Fitness Instructing
- Food, Nutrition, and Wellness Studies
- Health Records Technology
- Health Unit Coordination
- Library Assistant
- Licensed Practical Nursing
- Massage Therapy
- Medical Assisting
- Medical Coding and Billing
- Medical Imaging Technology
- Medical Laboratory Assisting
- Medical Office Management
- Midwifery
- Nuclear Medical Technology
- Occupational Therapy Assisting
- Office Management
- Ophthalmic Laboratory Technology
- Ophthalmic Technology
- Opticianry
- Optometric Technology
- Pharmacy Technology
- Physical Therapy Assisting
- Pre-Nursing
- Radiation Therapy
- Recreation, Fitness, and Leisure Studies
- Rehabilitation Counseling
- Respiratory Therapy
- Respiratory Therapy Assisting
Health Services (continued)

Sport and Fitness Management  
Surgical Technology  
Teacher Assisting  
Ultrasound and Sonography Technology  
Veterinary Technology

Programs Requiring Four or More Years of Study after High School:

- Acupuncture and Traditional Chinese Medicine
- Addiction Counseling
- Advanced Dentistry and Oral Surgery
- American Sign Language
- Anatomy
- Applied Mathematics
- Art Therapy
- Athletic Training
- Biochemistry
- Biological Sciences, General
- Biomedical Sciences, General
- Biomedical Technology
- Biometrics and Biostatistics
- Biophysics
- Biopsychology
- Biotechnology
- Cancer and Oncology Biology
- Cell Biology
- Chemistry
- Chiropractic
- Clinical Psychology
- Community Services
- Counseling Psychology
- Cytotechnology
- Dentistry
- Dietetics
- Electroneurodiagnostic Technology
- Environmental Biology
- Environmental Health
- Epidemiology
- Evolutionary Biology
- Exercise Physiology
- Exercise Science and Kinesiotherapy
- Food, Nutrition, and Wellness Studies
- Forensic Science
- Genetic Counseling
- Health and Medical Physics
- Health Records Administration
- Health Services Administration
- Human Services
- Immunology
- Library Science
- Mathematics
- Medical Illustration
- Medical Imaging Technology
- Medical Informatics
- Medical Laboratory Science
- Medical Microbiology and Bacteriology
- Medicine
- Mental Health Counseling
- Microbiology
- Midwifery
- Molecular Biology
- Music Therapy
- Naturopathic Medicine
- Neuroscience
- Nuclear Medical Technology
- Nurse Anesthetist
- Nurse Midwifery
- Nurse Practitioner
- Nursing Administration
- Occupational Therapy
- Ophthalmic Technology
- Optometry
- Orthotic and Prosthetic Therapies
- Osteopathic Medicine
- Pathology and Experimental Pathology
- Pharmaceutical Sciences
- Pharmacology
- Pharmacy
- Pharmacy Administration
- Physical Therapy
- Physician Assisting
- Physiology
- Podiatric Medicine
- Pre-Dentistry
- Pre-Medicine
- Pre-Pharmacy
- Pre-Veterinary Medicine
- Psychiatric Technology
- Psychology, General
- Public and Community Health
- Public Relations
- Recreation Therapy
- Recreation, Fitness, and Leisure Studies
- Registered Nursing
- Rehabilitation Counseling
- Respiratory Therapy
- School Psychology
- Social Work
- Speech-Language Pathology and Audiology
- Sport and Fitness Management
- Statistics
Health Services (continued)

Veterinary Medicine
Veterinary Sciences
Veterinary Technology
Virology
Vision Science
### Programs Requiring Less than Two Years of Study or Training after High School:

- Administrative Assistant and Secretarial Science
- Agriculture, General
- Animal Grooming
- Barbering
- Bookkeeping and Accounting Technology
- Child Care Assisting
- Child Care Services Management
- Corrections
- Cosmetology and Hair Design
- Criminal Justice
- Culinary Arts
- Custodial Services
- Emergency Medical Care
- Executive Secretarial Studies
- Exercise Science and Kinesiotherapy
- Fire Protection Technology
- Fire Science and Firefighting
- Fitness Instructing
- Flight Instructor Training
- Food, Nutrition, and Wellness Studies
- Forensic Science
- Heavy Equipment Operations
- Law Enforcement and Police Science
- Legal Secretarial Studies
- Library Assistant
- Private Pilot
- Psychiatric Technology
- Security Studies
- Taxidermy
- Travel Services Management

### Programs Requiring Two to Three Years of Study or Training after High School:

- Addiction Counseling
- Administrative Assistant and Secretarial Science
- Agriculture, General
- American Sign Language
- Aviation Operations and Services
- Bookkeeping and Accounting Technology
- Cartography
- Chemistry
- Child Care Services Management
- Child Development
- Communications Operations Technology
- Construction Inspection
- Corrections
- Court Reporting
- Criminal Justice
- Emergency Medical Care
- Executive Secretarial Studies
- Exercise Science and Kinesiotherapy
- Family and Consumer Sciences, General
- Fire Protection Technology
- Fire Science and Firefighting
- Fire Services Administration
- Fitness Instructing
- Food, Nutrition, and Wellness Studies
- Forensic Science
- Law Enforcement and Police Science
- Massage Therapy
- Paralegal Studies
- Pre-Law
- Psychiatric Technology
- Public Relations
- Real Estate
- Recreation and Parks Management
- Rehabilitation Counseling
- Security Studies
- Sport and Fitness Management

### Programs Requiring Formal Apprentice-ship Training:

- Corrections
- Law Enforcement and Police Science
- Vehicle and Equipment Operations

### Programs Requiring Formal Apprentice-ship Training

- Apprenticeship Programs
- Corrections
- Heavy Equipment Operations
- Law Enforcement and Police Science
Programs Requiring Four or More Years of Study after High School:

- Accounting
- Acupuncture and Traditional Chinese Medicine
- Addiction Counseling
- Adult and Continuing Education Teaching
- African Studies
- African-American and Black Studies
- Agricultural and Extension Education Services
- Agriculture, General
- American Sign Language
- American Studies
- Arabic Language and Literature
- Asian Studies
- Asian-American Studies
- Aviation Operations and Services
- Biblical Language and Literature
- Biblical Studies
- Business Management and Administration
- Cartography
- Central and Eastern Asian Languages and Literature
- Central and Eastern European Language and Literature
- Central and Eastern European Studies
- Chemistry
- Child Development
- Chinese Language and Literature
- Christian Studies
- Clinical Psychology
- Cognitive Science
- Communication and Speech Studies
- Communications Operations Technology
- Community and Regional Planning
- Community Services
- Construction Inspection
- Consumer Economics
- Corrections
- Counseling Psychology
- Court Reporting
- Criminal Justice
- Criminology
- Curriculum and Instruction
- Demography and Population Studies
- Early Childhood Education and Teaching
- East Asian Studies
- Economics
- Education Administration
- Education Measurement and Testing
- Education of the Gifted
- Education, General
- Educational Media Design
- Educational Psychology
- Elementary Education and Teaching
- Environmental Design
- Environmental Engineering
- Environmental Health
- Ethics
- Exercise Physiology
- Exercise Science and Kinesiotherapy
- Family Resource Management
- Family Studies and Human Development
- Finance
- Fire Services Administration
- Forensic Science
- French Language and Literature
- Funeral Service and Mortuary Science
- General Studies
- Genetic Counseling
- Geography
- German Language and Literature
- Gerontology
- Health Services Administration
- Hebrew Language and Literature
- Higher Education Administration
- Historic Preservation
- Holocaust and Genocide Studies
- Housing and Human Environments
- Human Resources Management
- Human Services
- Humanities
- International and Comparative Education
- International Business, Trade, and Finance
- International Relations
- International Studies
- Islamic Studies
- Italian Language and Literature
- Japanese Language and Literature
- Jewish Studies
- Labor and Industrial Relations
- Language Interpretation and Translation
- Latin American Studies
- Latino Studies
- Law
- Liberal Studies
- Library Science
- Linguistics
- Marketing
- Marriage and Family Counseling
- Mathematics
- Medicine
- Mental Health Counseling
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<td>Recreation, Fitness, and Leisure Studies</td>
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<tr>
<td>Rehabilitation Counseling</td>
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<tr>
<td>Religious Education</td>
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<td>Religious Studies</td>
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<tr>
<td>Romance Language and Literature</td>
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<tr>
<td>Russian Language and Literature</td>
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<td>Russian Studies</td>
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<tr>
<td>Sacred Music</td>
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<tr>
<td>Scandinavian Language and Literature</td>
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<td>School Counseling</td>
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<td>School Psychology</td>
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<tr>
<td>Science, Technology, and Society</td>
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<tr>
<td>Second Language, General</td>
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<td>Secondary Education and Teaching</td>
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<tr>
<td>Social and Philosophical Foundations of Education</td>
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<td>Social Sciences, General</td>
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<td>Social Work</td>
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<tr>
<td>Sociology</td>
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<tr>
<td>South and Southeast Asian Language and Literature</td>
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<tr>
<td>South and Southeast Asian Studies</td>
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<tr>
<td>Spanish Language and Literature</td>
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<td>Special Education</td>
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<tr>
<td>Sport and Fitness Management</td>
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<tr>
<td>Statistics</td>
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<tr>
<td>Taxation</td>
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<tr>
<td>Teacher Assisting</td>
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<tr>
<td>Teaching English as a Second Language</td>
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<tr>
<td>Theology and Pre-Theology</td>
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<tr>
<td>Urban Education</td>
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<tr>
<td>Urban Studies</td>
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<tr>
<td>Western European Studies</td>
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<tr>
<td>Women’s Studies</td>
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<tr>
<td>Youth Ministry</td>
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</tbody>
</table>
### Industrial and Engineering Systems

#### Programs Requiring Less than Two Years of Study or Training after High School:
- Agricultural Technologies
- Air Traffic Control
- Auto Body Repair
- Automotive Technology
- Aviation Maintenance Technology
- Bicycle Mechanics and Repair
- Biotechnology Laboratory Technology
- Boat Maintenance and Repair
- Building Maintenance
- Business Machine Technologies
- Communications Operations Technology
- Computer Installation and Repair
- Computer Programming
- Computer Systems Networking and Administration
- Construction Inspection
- Custodial Services
- Electrical and Electronics Equipment Installation and Repair
- Emergency Medical Care
- Flight Instructor Training
- Heating, Air Conditioning, and Refrigeration Technology
- Heavy Equipment Operations
- Industrial Mechanics
- Interior Design
- Landscaping and Groundskeeping
- Machine Shop Technology
- Metal and Jewelry Arts
- Motorcycle Repair
- Musical Instrument Repair
- Nondestructive Testing
- Ophthalmic Laboratory Technology
- Photography
- Precision Crafting and Repair
- Private Pilot
- Sheet Metal Technology
- Small Engine Repair
- Tool and Die Technology
- Truck and Bus Driving
- Turf and Turfgrass Management
- Water and Wastewater Treatment Technology
- Welding Technology
- **Woodworking and Cabinetmaking**

#### Programs Requiring Two to Three Years of Study or Training after High School:
- Agricultural Technologies
- Air Traffic Control
- Apparel and Textiles
- Architectural Engineering Technology
- Artificial Intelligence and Robotics
- Auto Body Repair
- Automotive Engineering Technology
- Aviation Maintenance Technology
- Aviation Operations and Services
- Biochemistry
- Biomedical Technology
- Boat Maintenance and Repair
- Building Maintenance
- Cartography
- Chemical Technology
- Chemistry
- Civil Engineering Technology
- Commercial Pilot and Flight Crew Training
- Communications Operations Technology
- Computer Engineering Technology
- Computer Installation and Repair
- Computer Networking and Administration
- Computer Systems Technology
- Construction Engineering Technology
- Construction Inspection
- Construction Management
- Crafts
- Dental Laboratory Technology
- Drafting and Design Technology
- Electrical and Electronics Engineering Technology
- Electrical and Electronics Equipment Installation and Repair
- Electromechanical Engineering Technology
- Emergency Medical Care
- Energy Management and Systems Technology
- Engineering Technology, General
- Environmental Engineering Technology
- Environmental Science
Carpentry
Construction Trades
Electrical and Electronics Equipment Installation and Repair
Electrical and Power Transmission
Heating, Air Conditioning, and Refrigeration Technology
Heavy Equipment Operations
Industrial Mechanics
Machine Shop Technology
Plumbing and Water Supply
Precision Crafting and Repair
Sheet Metal Technology
Tool and Die Technology
Welding Technology
Woodworking and Cabinetmaking

Programs Requiring Four or More Years of Study after High School:
Aeronautical and Aerospace Engineering Technology
Aerospace, Aeronautical, and Astronautical Engineering
Agricultural Engineering
Agricultural Technologies
Anatomy
Apparel and Textiles
Applied Mathematics
Architectural Engineering
Architecture
Artificial Intelligence and Robotics
Astronomy
Astrophysics
Atmospheric Sciences and Meteorology
Aviation Operations and Services
Behavioral Sciences
Biochemistry
Biological Sciences, General
Biomedical Engineering
Biomedical Sciences, General
Biomedical Technology
Biometrics and Biostatistics
Biophysics
Biopsychology
Biotechnology
Business Management and Administration
Cancer and Oncology Biology
Cartography
Cell Biology
Ceramic Art and Design
Ceramic Sciences and Engineering
Chemical Engineering
Chemical Technology
Environmental Studies
Flight Instructor Training
Geological and Earth Sciences
Heating, Air Conditioning, and Refrigeration Technology
Industrial Mechanics
Industrial Technology
Instrumentation Technology
Interior Design
International Business, Trade, and Finance
Landscaping and Groundskeeping
Laser and Optical Technology
Logistics and Materials Management
Manufacturing Technology
Maritime Sciences
Marketing
Mechanical Engineering Technology
Medical Laboratory Assisting
Metal and Jewelry Arts
Metallurgical Technology
Mining Technology
Motorcycle Repair
Natural Sciences
Nondestructive Testing
Nuclear Technology
Occupational Safety and Health
Occupational Safety and Health Technology
Ophthalmic Laboratory Technology
Petroleum Technology
Photography
Physical Sciences, General
Physics
Plastics Technology
Precision Crafting and Repair
Quality Control Technology
Robotics Technology
Small Engine Repair
Solar Energy Technology
Surveying Technology
Telecommunications Technology
Turf and Turfgrass Management
Water and Wastewater Treatment Technology
Webmaster and Web Management
Welding Technology

Programs Requiring Formal Apprenticeship Training:
Apprenticeship Programs
Auto Body Repair
Automotive Technology
Aviation Maintenance Technology
Industrial and Engineering Systems (continued)

Chemistry
Civil Engineering
Civil Engineering Technology
Cognitive Science
Community and Regional Planning
Computational Mathematics
Computer Engineering
Computer Engineering Technology
Computer Programming
Computer Science
Computer Systems Analysis
Computer Systems Networking and Administration
Construction Engineering
Construction Engineering Technology
Construction Inspection
Construction Management
Crafts
Electrical and Electronics Engineering Technology
Electrical, Electronics, and Communications Engineering
Electromechanical Engineering Technology
Emergency Medical Care
Engineering Mechanics
Engineering Physics
Engineering Technology, General
Engineering, General
Environmental Design
Environmental Engineering
Environmental Engineering Technology
Environmental Health
Environmental Science
Environmental Studies
Epidemiology
Evolutionary Biology
Genetics
Geochemistry
Geography
Geological and Earth Sciences
Geological and Geophysical Engineering
Geophysics and Seismology
Geotechnical Engineering
Health and Medical Physics
Historic Preservation
Hydrology and Water Resources Science
Immunology
Industrial and Systems Engineering
Industrial Design
Industrial Management
Industrial Mechanics
Industrial Technology
Information Science
Information Technology
Interior Design
International Business, Trade, and Finance
Landscape Architecture
Lanscaping and Groundskeeping
Logistics and Materials Management
Management Information Systems
Management Sciences
Manufacturing Engineering
Maritime Sciences
Marketing
Materials Engineering
Materials Science
Mathematics
Mechanical Engineering
Mechanical Engineering Technology
Medical Laboratory Assisting
Medical Laboratory Science
Medical Microbiology and Bacteriology
Medicine
Metal and Jewelry Arts
Metallurgical Engineering
Microbiology
Military Studies
Mining and Mineral Engineering
Molecular Biology
Natural Sciences
Naval Architecture and Marine Engineering
Neuroscience
Nondestructive Testing
Nuclear Engineering
Occupational Safety and Health
Occupational Safety and Health Technology
Ocean Engineering
Operations Management
Operations Research
Orthotic and Prosthetic Therapies
Pathology and Experimental Pathology
Petroleum Engineering
Pharmaceutical Sciences
Pharmacology
Photography
Physical Sciences, General
Physics
Physiology
Polymer and Plastics Engineering
Precision Crafting and Repair
Purchasing and Contracts Management
Quality Control Technology
Robotics Technology
Structural Engineering
Industrial and Engineering Systems (continued)

Surveying Technology
Textile Sciences and Engineering
Transportation and Highway Engineering
Transportation Management
Turf and Turfgrass Management
Urban Studies
Virology
Vision Science
Water Resources Engineering