

ACT-Defined STEM Majors and Occupations by Area

Science Majors/Occupations

Agronomy and Crop Science
 Animal Sciences
 Astronomy
 Atmospheric Sciences and Meteorology
 Biochemistry and Biophysics
 Biology, General
 Cell/Cellular Biology
 Chemistry
 Ecology
 Environmental Science
 Food Sciences and Technology
 Forestry
 Genetics
 Geological and Earth Sciences
 Horticulture Science
 Marine/Aquatic Biology
 Microbiology and Immunology
 Natural Resources Conservation, General
 Natural Resources Management
 Physical Sciences, General
 Physics
 Science Education
 Wildlife and Wildlands Management
 Zoology

Computer Science and Mathematics Majors/Occupations

Actuarial Science
 Applied Mathematics
 Business/Management Quantitative Methods, General
 Computer and Information Sciences, General
 Computer Network/Telecommunications
 Computer Science and Programming
 Computer Software and Media Application
 Computer System Administration
 Data Management Technology
 Information Science
 Management Information Systems
 Mathematics Education
 Mathematics, General
 Statistics
 Webpage Design

Medical and Health Majors/Occupations

Athletic Training
 Chiropractic (Pre-Chiropractic)
 Dentistry (Pre-Dentistry)
 Emergency Medical Technology
 Food and Nutrition
 Health/Medical Technology, General

Medical Laboratory Technology
 Medical Radiologic Technology
 Medicine (Pre-Medicine)
 Nuclear Medicine Technology
 Nursing, Practical/Vocational (LPN)
 Nursing, Registered (BS/RN)
 Optometry (Pre-Optometry)
 Osteopathic Medicine
 Pharmacy (Pre-Pharmacy)
 Physical Therapy (Pre-Physical Therapy)
 Physician Assisting
 Respiratory Therapy Technology
 Surgical Technology
 Veterinarian Assisting/Technology
 Veterinary Medicine (Pre-Vet)

Engineering and Technology Majors/Occupations

Aeronautical/Aerospace Engineering Technology
 Aerospace/Aeronautical Engineering
 Agricultural/Bioengineering
 Architectural Drafting/CAD Technology
 Architectural Engineering
 Architectural Engineering Technology
 Architecture, General
 Automotive Engineering Technology
 Biomedical Engineering
 Chemical Engineering
 Civil Engineering
 Civil Engineering Technology
 Computer Engineering
 Computer Engineering Technology
 Construction Engineering/Management
 Construction/Building Technology
 Drafting/CAD Technology, General
 Electrical, Electronic, and Communication Engineering
 Electrical/Electronics Engineering Technology
 Electromechanical/Biomedical Engineering Technology
 Engineering (Pre-Engineering), General
 Engineering Technology, General
 Environmental Control Technologies
 Environmental Health Engineering
 Industrial Engineering
 Industrial Production Technologies
 Mechanical Drafting/CAD Technology
 Mechanical Engineering
 Mechanical Engineering Technology
 Military Technologies
 Nuclear Engineering
 Quality Control and Safety Technologies
 Surveying Technology