

A CAREER IN STEM

Encompassing the fields of Science, Technology, Engineering, and Mathematics, STEM careers are often considered to be the jobs of the future. STEM workers use their knowledge of these subjects to try to understand how the world works and to solve its problems.

During the 2022 to 2032 Projection period for Rhode Island, employment in STEM occupations is projected to grow 11.9 percent compared to the 6.2 percent growth rate projected for all occupations in the state. During the projection period RI employers will seek to fill over 21,000 STEM openings resulting from both occupational growth and the need to replace workers who leave their occupation.

STEM occupations employ over 28,000 workers in Rhode Island

Life, Physical & Social Science Jobs

2022 Employment: 4,631

2032 Employment: 4,975

Projected Increase: 344

\$87,360
Median
Annual Wage

Computer & Math Jobs

2022 Employment: 16,149

2032 Employment: 18,637

Projected Increase: 2,488

\$103,376
Median
Annual Wage

Architecture & Engineering Jobs

2022 Employment: 7,561

2032 Employment: 8,096

Projected Increase: 535

\$88,421
Median
Annual Wage

Careers for Science Majors

Biologists, Postsecondary Science Teachers
Medical Scientists, Environmental Specialists
Chemists, Physicists, Zoologists

Careers for Technology Majors

Software & Web Developers
System & Security Analysts, Programmers
Network & Database Administrators

Careers for Engineering Majors

Mechanical, Civil & Industrial Engineers
Cost Estimators, Industrial Production Managers
Electrical & Electronics Engineers

Careers for Math Majors

Financial Analysts & Specialists
Actuaries, Statisticians & Survey Researchers
Mathematicians, Economists, Teachers



STEM JOBS IN RHODE ISLAND

Knowing which occupations are projected to have the most job openings may help you narrow your career options.

STEM occupations with the most total openings during the 2022-2032 projection period.	2032 Employment	Yearly Openings	Median Wage
Computer Systems Analysts	2,266	1,490	\$51.51
Computer User Support Specialists	2,169	1,482	\$29.87
Network and Computer Systems Administrators	1,441	827	\$51.75
Civil Engineers	1,279	810	\$47.78
Mechanical Engineers	1,230	744	\$48.17
Industrial Engineers	1,070	671	\$50.68
Computer Network Support Specialists	1,058	762	\$66.62
Electronics Engineers, Except Computer	830	448	\$63.54
Data Scientists	749	570	\$61.71
Web Developers	650	476	\$38.43
Information Security Analysts	635	467	\$51.04
Clinical and Counseling Psychologists	614	335	\$52.89
Medical Scientists, Except Epidemiologists	573	325	\$47.74
Electrical Engineers	525	299	\$50.55
Architects, Except Landscape and Naval	483	316	\$36.97
Computer and Information Research Scientists	451	321	\$58.67
Computer Programmers	380	197	\$42.59
Computer Hardware Engineers	364	200	\$53.50
Computer Network Architects	322	177	\$64.23
Database Administrators	298	186	\$53.14
Environmental Scientists and Specialists, Including Health	297	243	\$42.23
Civil Engineering Technologists and Technicians	271	249	\$29.37
Urban and Regional Planners	247	197	\$38.94
Chemical Technicians	241	279	\$25.09
Software Quality Assurance Analysts and Testers	217	157	\$45.26
Operations Research Analysts	217	156	\$28.55
Occupational Health and Safety Specialists	210	233	\$46.94
School Psychologists	203	132	\$42.72
Electrical and Electronics Engineering Technologists and Technicians	197	190	\$37.18
Architectural and Civil Drafters	182	169	\$29.30
Industrial Engineering Technologists and Technicians	180	171	\$29.41

Occupational wages are from the May 2024 Occupational Employment Statistics Survey.

STEM Occupations are Major Occupational Groups 15, 17, and 19.

Yearly Openings are a function of projected growth, turnover and exits (think retiring or leaving a profession altogether) in a particular occupation.

2032 Projections are a product of the RI DLT Labor Market Information Unit - <https://dlt.ri.gov/labor-market-information/data-center/2032-industry-occupational-projections>



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