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 2014 to 2024 Projection Period for Rhode Island, employment in STEM occupations is projected to grow at about 13 percent, much faster than the 7.8 percent growth rate projected for all occupations in the state. During the projection period RI employers will seek to fill over 9,000 openings resulting from both occupational growth and the need to replace workers who leave their occupation.

STEM occupations employ about 30,000 workers in Rhode Island

Life, Physical & Social Science Jobs

2014 Employment: 3,254

2024 Employment: 3,560

Projected Increase: 306

$75,150
Average Annual Wage

Computer & Math Jobs

2014 Employment: 13,892

2024 Employment: 16,131

Projected Increase: 2,239

$85,197
Average Annual Wage

Architecture & Engineering Jobs

2014 Employment: 7,708

2024 Employment: 8,304

Projected Increase: 596

$87,568
Average 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 and fastest growth may help you narrow your career options.

STEM occupations with the most total openings during the 2014-2024 projection period.	2014 Employment	2024 Employment	Total Openings	Median Hourly Wage
Software Developers, Systems Software	1,865	2,324	726	$50.71
Software Developers, Applications	1,599	2,022	652	$44.61
Computer Systems Analysts	1,759	2,175	642	$45.23
Financial Analysts	1,365	1,568	484	$35.54
Computer User Support Specialists	1,668	1,864	411	$25.31
Mechanical Engineers	1,032	1,097	392	$41.92
Computer & Information Systems Managers	1,093	1,349	385	$66.28
Network & Computer Systems Administrators	1,699	1,814	334	$41.52
Civil Engineers	726	814	302	$39.78
Computer Programmers	1,223	1,172	301	$37.98
Electronics Engineers (Except Computer)	1,128	1,167	288	$57.78
Postsecondary Teachers**	839	929	238	$38.61
Cost Estimators	464	541	209	$30.79
Industrial Engineers	543	582	198	$43.75
Computer Network Support Specialists	854	922	178	$23.39
Database Administrators	439	507	163	$44.52
Web Developers	414	515	154	$31.79*
Architectural & Engineering Managers	358	391	143	$63.47
Environmental Engineers	296	355	143	$42.36
Industrial Production Managers	449	461	139	$49.13
Medical Scientists (Except Epidemiologists)	305	338	127	$45.68
Water & Wastewater Treatment Plant & System Operators	354	383	119	$24.26
Environmental Scientists & Specialists (Including Health)	268	298	112	$40.69
Actuaries	183	241	112	$39.95
Electrical Engineers	359	385	105	$52.39
Computer Network Architects	309	367	98	$54.78
Commercial & Industrial Designers	395	398	97	$30.82
Information Security Analysts	186	245	83	$48.14
Computer Hardware Engineers	235	255	68	$45.94
Computer & Information Research Scientists	391	401	60	$55.24
Chemists	180	196	55	$37.85

Occupational wages are from the May 2016 Occupational Employment Statistics Survey.
*National Wage Provided from May 2016 Occupational Employment Statistics Survey.
**Includes Physics, Chemistry, Computer Science, Biological Science & Mathematical Science
Minimum wage was $9.60/hr from January 1, 2016 to December 31, 2016.