

# 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 2020 to 2030 Projection period for Rhode Island, employment in STEM occupations is projected to grow 9.7 percent, slower than the 11.4 percent growth rate projected for all occupations in the state. During the projection period RI employers will seek to fill over 22,000 STEM openings resulting from both occupational growth and the need to replace workers who leave their occupation.

STEM occupations employ over 48,000 workers in Rhode Island

## Life, Physical & Social Science Jobs

2020 Employment: 3,956

2030 Employment: 4,359

Projected Increase: 403

**\$80,059**  
Median  
Annual Wage

## Computer & Math Jobs

2020 Employment: 16,244

2030 Employment: 18,864

Projected Increase: 2,620

**\$98,613**  
Median  
Annual Wage

## Architecture & Engineering Jobs

2020 Employment: 8,461

2028 Employment: 9,295

Projected Increase: 834

**\$95,576**  
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 2020-2030 projection period.	2030 Employment	Yearly Openings	Median Wage
Registered Nurses	13,344	741	\$41.33
Medical & Health Services Managers	2,331	208	\$61.86
Computer Systems Analysts	2,528	193	\$49.03
Computer User Support Specialists	2,126	172	\$29.01
Pharmacy Technicians	2,090	163	\$19.09
Computer & Information Systems Managers	1,521	123	\$75.00
Licensed Practical & Licensed Vocational Nurses	1,303	104	\$30.20
Sales Reps, Wholesale & Manufacturing, Technical & Scientific Products	992	101	\$30.17
Computer Network Support Specialists	1,212	96	\$38.61
Network & Computer Systems Administrators	1,380	93	\$50.58
Civil Engineers	1,101	87	\$49.73
Mechanical Engineers	1,311	81	\$48.81
Nurse Practitioners	1,248	80	\$58.32
Electronics Engineers, Except Computer	1,096	73	\$63.20
Industrial Engineers	1,008	72	\$49.82
Computer Programmers	1,117	71	\$40.67
Dental Hygienists	1,022	64	\$38.39
Physical Therapists	1,194	62	\$45.98
Radiologic Technologists & Technicians	827	60	\$36.95
Pharmacists	1,462	59	\$60.99
Information Security Analysts	538	47	\$50.10
Health Specialties Teachers, Postsecondary	466	47	\$105,340
Veterinary Technologists & Technicians	549	46	\$18.22
Computer Hardware Engineers	597	42	\$52.42
Physician Assistants	681	41	\$61.62
Electrical & Electronic Engineering Technologists & Technicians	429	41	\$35.55
Speech-Language Pathologists	572	41	\$44.79
Chemical Technicians	358	40	\$22.29
Electrical Engineers	544	40	\$49.52
Operations Research Analysts	494	39	\$30.13
Computer & Information Research Scientists	500	39	\$58.63

Occupational wages are from the May 2022 Occupational Employment Statistics Survey.

STEM Occupations are sourced from Onet Online, a product sponsored by the U.S. Department of Labor - <https://www.onetonline.org/find/stem?t=0> accessed 10/3/23

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

2030 Projections are a product of the RI DLT Labor Market Information Unit - <https://dlt.ri.gov/labor-market-information/data-center/2030-industry-occupational-projections>



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