

## 2015 Hot STEM Occupations in Utah<sup>†</sup>

Top 50 technical occupations related to science, technology, engineering, and mathematics ranked according to median wages\*, currently high in demand, and outlook.



Rank	SOC	Description	2014 Base Employment	Long-Term Projected Annual Growth Rate	2015 Q1 HWOL Job Orders*	2014 Median Wage**
1	29-1141	Registered Nurses	19,550	3.1%	3,084	\$ 59,720
2	13-2011	Accountants and Auditors	9,810	2.8%	1,184	\$ 62,320
3	15-1132	Software Developers, Applications	7,750	4.1%	1,115	\$ 87,190
4	15-1134	Web Developers	2,000	3.9%	1,197	\$ 53,370
5	15-1142	Network and Computer Systems Administrators	3,430	2.5%	1,060	\$ 70,220
6	15-1121	Computer Systems Analysts	3,640	3.8%	749	\$ 71,420
7	41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	4,390	2.4%	572	\$ 77,640
8	13-1199	Business Operations Specialists, All Other	6,930	1.1%	283	\$ 63,780
9	49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	4,550	1.8%	575	\$ 62,370
10	25-1071	Health Specialties Teachers, Postsecondary	2,470	6.5%	113	\$ 117,660
11	15-1131	Computer Programmers	4,060	2.1%	333	\$ 79,720
12	11-9199	Managers, All Other	2,720	2.5%	496	\$ 88,490
13	17-2112	Industrial Engineers	2,030	2.0%	640	\$ 76,300
14	17-2051	Civil Engineers	3,220	3.6%	204	\$ 74,820
15	15-1133	Software Developers, Systems Software	3,140	3.6%	132	\$ 92,180
16	11-3021	Computer and Information Systems Managers	2,850	3.1%	205	\$ 113,140
17	17-2141	Mechanical Engineers	3,500	2.2%	207	\$ 76,450
18	29-1071	Physician Assistants	900	5.0%	173	\$ 90,070
19	17-2031	Biomedical Engineers	530	6.7%	7	\$ 80,490
20	29-1123	Physical Therapists	1,510	4.0%	166	\$ 79,490
21	29-1051	Pharmacists	2,380	2.5%	195	\$ 123,060
22	13-1051	Cost Estimators	2,320	3.3%	99	\$ 59,340
23	11-9021	Construction Managers	2,040	2.9%	175	\$ 77,580
24	25-1072	Nursing Instructors and Teachers, Postsecondary	550	5.5%	49	\$ 70,680
25	29-1069	Physicians and Surgeons, All Other	1,600	2.9%	132	(1)
26	13-1041	Compliance Officers	2,290	2.0%	125	\$ 56,300
27	15-2031	Operations Research Analysts	680	4.1%	111	\$ 69,510
28	17-2071	Electrical Engineers	1,610	1.9%	220	\$ 86,320
29	13-1081	Logisticians	1,960	2.4%	77	\$ 71,530
30	15-1141	Database Administrators	890	3.0%	184	\$ 81,150
31	19-1042	Medical Scientists, Except Epidemiologists	480	3.5%	188	\$ 79,430
32	17-2011	Aerospace Engineers	910	2.9%	168	\$ 72,170
33	29-1062	Family and General Practitioners	1,170	2.7%	110	\$ 181,430
34	17-1011	Architects, Except Landscape and Naval	680	3.5%	54	\$ 71,560
35	17-3023	Electrical and Electronics Engineering Technicians	1,510	1.2%	202	\$ 58,320
36	25-1042	Biological Science Teachers, Postsecondary	620	3.8%	21	\$ 86,780
37	11-9041	Architectural and Engineering Managers	1,450	2.1%	81	\$ 115,100
38	29-1126	Respiratory Therapists	850	2.8%	89	\$ 56,960
39	15-2041	Statisticians	160	4.2%	19	\$ 73,960
40	25-1021	Computer Science Teachers, Postsecondary	660	3.2%	30	\$ 69,640
41	11-3051	Industrial Production Managers	1,760	1.2%	71	\$ 90,150
42	17-2041	Chemical Engineers	310	3.5%	26	\$ 78,990
43	19-2031	Chemists	690	2.4%	73	\$ 62,510
44	25-1052	Chemistry Teachers, Postsecondary	220	3.5%	9	\$ 88,120
45	25-1022	Mathematical Science Teachers, Postsecondary	510	3.1%	10	\$ 71,180
46	25-1032	Engineering Teachers, Postsecondary	430	2.9%	40	\$ 103,240
47	17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	220	2.4%	96	\$ 76,310
48	29-1131	Veterinarians	400	2.7%	17	\$ 82,660
49	17-2081	Environmental Engineers	480	2.3%	49	\$ 79,930
50	29-2033	Nuclear Medicine Technologists	130	3.0%	9	\$ 68,130

<sup>†</sup> Preliminary—List ranking subject to change.

\* Data from The Conference Board Help Wanted OnLine® (HWOL) Data Series

\*\* A threshold minimum of \$53,000 median wage for all occupations was used to reflect above average wages for ranking purposes.

(1) This wage is equal to or greater than \$90.00 per hour or \$187,199 per year.

Note: Occupational Employment Statistics data collected by The Bureau of Labor Statistics estimate Utah median annual wages to be \$33,690 and Utah mean annual wages to be \$43,550.

Source: UTC ranking based on data provided by the Utah Department of Workforce Services and The U.S. Bureau of Labor Statistics, September, 2015.

Index Variables <sup>^</sup>	Filter Criteria	Variable Weights
2014 Base Employment	>= 100	30%
Long-Term Projected Annual Growth Rate	>= 1%	20%
2015 Q1 HWOL Job Orders	>= 5	50%
Annual Median Wage (2014)	>= \$53,000	0%

<sup>^</sup>Variables indexed against the average for all STEM occupations in each category. Variable weights are then applied to the corresponding index value and summed to create a composite score. Occupations are then ranked from highest to lowest composite score.