

Southwestern STEM Occupations, 2019-2029 (Coos, Curry and Douglas Counties)

Oregon Employment Department, Workforce and Economic Research Division, Published November 5, 2020.

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Row	SOC Level	SOC Code	Standard Occupational Classification Title	2019-2029 Occupational Projections							2020 Occupational Wage Information			
				2019 Employment	2029 Employment	Percent Change	Employment Change	Replacement Openings	Total Typical Entry-Level Education	Competitive Education	10 th Percentile Annual Wage	50 th Percentile Annual Wage	90 th Percentile Annual Wage	
1	4	00-0000	Total, All High-Wage Occupations	12,646	13,609	7.6%	963	11,026	11,989			NA	NA	NA
2	4	11-1011	Management, Business, and Financial											
3	4	11-1011	Chief Executives	46	44	-4.4%	-2	32	30	Bachelor's degree	Bachelor's degree	\$75,130	NA	NA
4	4	11-3021	Computer and Information Systems Managers	54	61	13.0%	7	45	52	Bachelor's degree	Bachelor's degree	\$66,373	\$83,158	\$147,971
5	4	11-3021	Financial Managers	135	153	13.3%	18	111	129	Bachelor's degree	Bachelor's degree	\$57,267	\$93,593	\$155,813
6	4	11-3091	Industrial Production Managers	92	99	7.6%	7	70	77	Bachelor's degree	Bachelor's degree	\$68,952	\$101,377	\$180,734
7	4	11-3061	Purchasing Managers	27	30	11.1%	3	24	27	Bachelor's degree	Bachelor's degree	\$51,688	\$76,939	\$162,136
8	4	11-3071	Transportation, Storage, and Distribution Managers	36	39	8.3%	3	29	32	Associate's degree	Bachelor's degree	\$58,760	\$79,934	\$110,115
9	4	11-3111	Compensation and Benefits Managers	-	-	-	-	-	-	Bachelor's degree	Bachelor's degree	NA	NA	NA
10	4	11-9013	Farmers, Ranchers, and Other Agricultural Managers	-	-	-	-	-	-	High school diploma or equivalent	Bachelor's degree	NA	NA	NA
11	4	11-9021	Construction Managers	159	157	-1.4%	-2	92	109	Associate's degree	Bachelor's degree	\$49,556	\$69,559	\$121,690
12	4	11-9039	Education Administrators, All Other	-	-	-	-	-	-	Master's degree	Doctoral or professional degree	\$34,528	\$58,698	\$89,669
13	4	11-9041	Architectural and Engineering Managers	36	38	5.6%	2	26	28	Bachelor's degree	Bachelor's degree	\$87,318	\$107,786	\$162,032
14	4	11-9061	Funeral Service Managers	-	-	-	-	-	-	Associate's degree	NA	NA	NA	NA
15	4	11-9121	Natural Sciences Managers	24	25	4.2%	1	21	22	Bachelor's degree	Master's degree	\$79,581	\$89,648	\$110,906
16	4	11-9161	Emergency Management Directors	-	-	-	-	-	-	Bachelor's degree	Bachelor's degree	NA	NA	NA
17	4	11-9199	Managers, All Other	140	149	6.4%	9	110	119	Bachelor's degree	Bachelor's degree	NA	NA	NA
18	4	13-1041	Compliance Officers	46	50	8.7%	4	42	46	Bachelor's degree	Bachelor's degree	\$41,912	\$68,848	\$97,094
19	4	13-1051	Cost Estimators	95	105	10.5%	10	98	108	Bachelor's degree	Bachelor's degree	\$26,250	\$62,608	\$102,086
20	4	13-1081	Logisticians	13	13	0.0%	0	12	12	Bachelor's degree	Bachelor's degree	\$46,363	\$61,734	\$104,395
21	4	13-1199	Business Operations Specialists, All Other	258	273	5.8%	15	255	270	Bachelor's degree	Bachelor's degree	NA	NA	NA
22	4	13-2011	Accountants and Auditors	415	444	7.0%	29	400	429	Bachelor's degree	Bachelor's degree	\$38,376	\$65,437	\$91,853
23	4	13-2021	Appraisers and Assessors of Real Estate	36	38	5.6%	2	28	30	Associate's degree	Bachelor's degree	NA	NA	NA
24	4	13-2031	Budget Analysts	-	-	-	-	-	-	Bachelor's degree	Bachelor's degree	NA	NA	NA
25	4	13-2051	Financial Analysts	25	27	8.0%	2	22	24	Bachelor's degree	Master's degree	NA	NA	NA
26	4	13-2052	Personal Financial Advisors	57	66	15.8%	9	47	56	Bachelor's degree	Bachelor's degree	\$47,507	\$90,626	NA
27	4	13-2099	Financial Specialists, All Other	27	29	7.4%	2	24	26	Bachelor's degree	Bachelor's degree	NA	NA	NA
28	4	15-1011	Professional and Related											
29	4	15-1121	Computer Systems Analysts	31	32	3.2%	1	23	24	Bachelor's degree	Bachelor's degree	\$53,040	\$84,261	\$124,779
30	4	15-1122	Information Security Analysts	-	-	-	-	-	-	Bachelor's degree	Bachelor's degree	NA	NA	NA
31	4	15-1131	Computer Programmers	52	48	-7.7%	-4	35	31	Bachelor's degree	Bachelor's degree	\$41,184	\$63,336	\$83,075
32	4	15-1132	Software Developers, Applications	-	-	-	-	-	-	Bachelor's degree	Bachelor's degree	NA	NA	NA
33	4	15-1133	Software Developers, Systems Software	-	-	-	-	-	-	Bachelor's degree	Bachelor's degree	NA	NA	NA
34	4	15-1134	Web Developers	-	-	-	-	-	-	Bachelor's degree	Bachelor's degree	NA	NA	NA
35	4	15-1141	Database Administrators	-	-	-	-	-	-	Bachelor's degree	Bachelor's degree	NA	NA	NA
36	4	15-1142	Network and Computer Systems Administrators	57	58	1.8%	1	40	41	Bachelor's degree	Bachelor's degree	\$54,392	\$74,526	\$97,718
37	4	15-1143	Computer Network Architects	14	15	7.1%	1	10	11	Bachelor's degree	Bachelor's degree	NA	NA	NA
38	4	15-1151	Computer User Support Specialists	140	156	11.4%	16	121	137	Postsecondary training (non-degree)	Bachelor's degree	\$25,210	\$42,662	\$64,480
39	4	15-1152	Computer Network Support Specialists	51	53	3.9%	2	43	45	Postsecondary training (non-degree)	Bachelor's degree	\$36,462	\$66,955	\$95,920
40	4	15-1199	Computer Occupations, All Other	86	91	5.8%	5	64	69	Postsecondary training (non-degree)	Bachelor's degree	\$35,672	\$74,630	\$101,005
41	4	15-2011	Actuaries	-	-	-	-	-	-	Bachelor's degree	Master's degree	NA	NA	NA
42	4	15-2031	Operations Research Analysts	-	-	-	-	-	-	Bachelor's degree	Master's degree	NA	NA	NA
43	4	15-2041	Statisticians	-	-	-	-	-	-	Bachelor's degree	Master's degree	NA	NA	NA
44	4	15-2060	Miscellaneous Mathematical Science Occupations	-	-	-	-	-	-	Bachelor's degree	Bachelor's degree	NA	NA	NA
45	4	17-1011	Architects, Except Landscape and Naval	57	57	0.0%	0	43	43	Bachelor's degree	Master's degree	NA	NA	NA
46	4	17-1022	Surveyors	57	60	5.3%	3	43	46	Bachelor's degree	Bachelor's degree	\$45,178	\$57,158	\$80,434
47	4	17-2011	Aerospace Engineers	-	-	-	-	-	-	Bachelor's degree	Master's degree	NA	NA	NA
48	4	17-2041	Chemical Engineers	-	-	-	-	-	-	Bachelor's degree	Master's degree	NA	NA	NA
49	4	17-2051	Civil Engineers	124	133	7.3%	9	100	109	Bachelor's degree	Master's degree	\$60,715	\$83,782	\$175,074
50	4	17-2061	Computer Hardware Engineers	-	-	-	-	-	-	Bachelor's degree	Master's degree	NA	NA	NA
51	4	17-2071	Electrical Engineers	-	-	-	-	-	-	Bachelor's degree	Master's degree	NA	NA	NA
52	4	17-2072	Electronics Engineers, Except Computer	19	21	10.5%	2	13	15	Bachelor's degree	Master's degree	\$64,210	\$105,310	\$129,210
53	4	17-2081	Environmental Engineers	-	-	-	-	-	-	Bachelor's degree	Master's degree	NA	NA	NA
54	4	17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	-	-	-	-	-	-	Bachelor's degree	Master's degree	NA	NA	NA
55	4	17-2112	Industrial Engineers	12	13	8.3%	1	9	10	Bachelor's degree	Master's degree	\$35,402	\$63,066	\$98,259
56	4	17-2121	Marine Engineers and Naval Architects	-	-	-	-	-	-	Bachelor's degree	Master's degree	NA	NA	NA
57	4	17-2131	Materials Engineers	-	-	-	-	-	-	Bachelor's degree	Master's degree	NA	NA	NA
58	4	17-2141	Mechanical Engineers	50	56	12.0%	6	36	42	Bachelor's degree	Master's degree	\$50,710	\$70,782	\$93,579
59	4	17-2199	Engineers, All Other	21	23	9.5%	2	16	18	Bachelor's degree	Master's degree	\$51,043	\$79,934	\$123,510
60	4	17-3011	Architectural and Civil Drafters	-	-	-	-	-	-	Postsecondary training (non-degree)	Associate's degree	\$36,088	\$45,011	\$51,251
61	4	17-3013	Mechanical Drafters	-	-	-	-	-	-	Postsecondary training (non-degree)	Associate's degree	\$25,438	\$43,680	\$73,299
62	4	17-3019	Drafters, All Other	18	20	11.1%	2	19	21	Postsecondary training (non-degree)	Associate's degree	\$38,678	\$54,954	\$64,626
63	4	17-3022	Civil Engineering Technicians	65	69	6.2%	4	65	69	Associate's degree	Associate's degree	\$52,936	\$67,538	\$78,208
64	4	17-3023	Electrical and Electronics Engineering Technicians	58	61	5.2%	3	58	61	Associate's degree	Associate's degree	\$41,912	\$62,254	\$80,933
65	4	17-3025	Environmental Engineering Technicians	-	-	-	-	-	-	Associate's degree	Associate's degree	NA	NA	NA
66	4	17-3026	Industrial Engineering Technicians	-	-	-	-	-	-	Associate's degree	Associate's degree	NA	NA	NA
67	4	17-3027	Mechanical Engineering Technicians	-	-	-	-	-	-	Associate's degree	Associate's degree	NA	NA	NA
68	4	17-3029	Engineering Technicians, Except Drafters, All Other	16	17	6.3%	1	16	17	Associate's degree	Associate's degree	NA	NA	NA
69	4	17-3031	Surveying and Mapping Technicians	36	39	8.3%	3	44	47	High school diploma or equivalent	Postsecondary training (non-degree)	\$33,883	\$44,470	\$62,046
70	4	19-1012	Food Scientists and Technologists	-	-	-	-	-	-	Bachelor's degree	Master's degree	NA	NA	NA
71	4	19-1013	Soil and Plant Scientists	10	12	20.0%	2	12	14	Bachelor's degree	Master's degree	\$65,478	\$81,307	\$142,896
72	4	19-1023	Zoologists and Wildlife Biologists	56	63	12.5%	7	54	61	Bachelor's degree	Master's degree	\$55,141	\$70,782	\$91,988
73	4	19-1029	Biological Scientists, All Other	10	10	0.0%	0	10	10	Bachelor's degree	Master's degree	\$58,822	\$75,166	\$94,931
74	4	19-1031	Conservation Scientists	32	34	6.3%	2	34	36	Bachelor's degree	Master's degree	\$41,683	\$60,112	\$77,126
75	4	19-1032	Foresters	76	79	4.0%	3	80	83	Bachelor's degree	Master's degree	\$51,168	\$66,685	\$90,230
76	4	19-1041	Epidemiologists	-	-	-	-	-	-	Doctoral or professional degree	Doctoral or professional degree	NA	NA	NA
77	4	19-1042	Medical Scientists, Except Epidemiologists	-	-	-	-	-	-	Doctoral or professional degree	Doctoral or professional degree	NA	NA	NA
78	4	19-2011	Environmental Scientists and Specialists, Including Health	26	30	15.4%	4	30	34	Bachelor's degree	Master's degree	\$63,045	\$90,045	\$105,168
79	4	19-2042	Geoscientists, Except Hydrologists and Geographers	-	-	-	-	-	-	Bachelor's degree	Master's degree	NA	NA	NA
80	4	19-2043	Hydrologists	-	-	-	-	-	-	Bachelor's degree	Master's degree	NA	NA	NA
81	4	19-3011	Economists	-	-	-	-	-	-	Bachelor's degree	Master's degree	NA	NA	NA
82	4	19-3091	Anthropologists and Archeologists	-	-	-	-	-	-	Bachelor's degree	Master's degree	NA	NA	NA
83	4	19-3099	Social Scientists and Related Workers, All Other	-	-	-	-	-	-	Bachelor's degree	Master's degree	NA	NA	NA
84	4	19-4011	Agricultural and Food Science Technicians	-	-	-	-	-	-	Associate's degree	Associate's degree	NA	NA	NA
85	4	19-4021	Biological Technicians	81	84	3.7%	3	86	89	Associate's degree	Bachelor's degree	\$33,238	\$42,245	\$54,912
86	4	19-4031	Chemical Technicians	-	-	-	-	-	-	Associate's degree	Bachelor's degree	NA	NA	NA
87	4	19-4061	Social Science Research Assistants	13	13	0.0%	0	16	16	Bachelor's degree	Bachelor's degree	\$30,576	\$39,707	\$52,042
88	4	19-4091	Environmental Science and Protection Technicians, Including Health	-	-	-	-	-	-	Associate's degree	Bachelor's degree	NA	NA	NA
89	4	19-4092	Forensic Science Technicians											

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Row	SOC Level	SOC Code	Standard Occupational Classification Title	2019-2029 Occupational Projections						2020 Occupational Wage Information				
				2019 Employment	2029 Employment	Percent Change	Employment Change	Replacement Openings	Total Typical Entry-Level Openings	Competitive Education	10 th Percentile Annual Wage	50 th Percentile Annual Wage	90 th Percentile Annual Wage	
94	4	25-1022	Mathematical Science Teachers, Postsecondary	12	12	0.0%	0	10	10	Master's degree	Doctoral or professional degree	NA	NA	NA
95	4	25-1032	Engineering Teachers, Postsecondary	-	-	-	-	-	-	Master's degree	Doctoral or professional degree	NA	NA	NA
96	4	25-1041	Agricultural Sciences Teachers, Postsecondary	-	-	-	-	-	-	Master's degree	Doctoral or professional degree	NA	NA	NA
97	4	25-1042	Biological Science Teachers, Postsecondary	-	-	-	-	-	-	Master's degree	Doctoral or professional degree	NA	NA	NA
98	4	25-1043	Forestry and Conservation Science Teachers, Postsecondary	-	-	-	-	-	-	Master's degree	Doctoral or professional degree	NA	NA	NA
99	4	25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	-	-	-	-	-	-	Master's degree	Doctoral or professional degree	NA	NA	NA
100	4	25-1052	Chemistry Teachers, Postsecondary	-	-	-	-	-	-	Master's degree	Doctoral or professional degree	NA	NA	NA
101	4	25-1071	Health Specialties Teachers, Postsecondary	11	12	9.1%	1	9	10	Master's degree	Doctoral or professional degree	NA	NA	NA
102	4	25-1072	Nursing Instructors and Teachers, Postsecondary	19	21	10.5%	2	16	18	Master's degree	Doctoral or professional degree	NA	NA	NA
103	4	25-1193	Recreation and Fitness Studies Teachers, Postsecondary	17	17	0.0%	0	14	14	Master's degree	Doctoral or professional degree	NA	NA	NA
104	4	25-4013	Museum Technicians and Conservators	-	-	-	-	-	-	Bachelor's degree	Master's degree	NA	NA	NA
105	4	25-9011	Audio-Visual and Multimedia Collections Specialists	-	-	-	-	-	-	Associate's degree	Bachelor's degree	NA	NA	NA
106	4	25-9031	Instructional Coordinators	-	-	-	-	-	-	Bachelor's degree	Master's degree	\$33,842	\$50,752	\$96,450
107	4	27-1011	Art Directors	-	-	-	-	-	-	Bachelor's degree	Bachelor's degree	NA	NA	NA
108	4	27-2012	Producers and Directors	-	-	-	-	-	-	Bachelor's degree	Bachelor's degree	NA	NA	NA
109	4	27-4099	Media and Communication Equipment Workers, All Other	-	-	-	-	-	-	High school diploma or equivalent	High school diploma or equivalent	NA	NA	NA
110			Health Care											
111	4	29-1011	Chiropractors	49	46	-6.1%	-3	12	9	Doctoral or professional degree	Doctoral or professional degree	\$39,957	\$61,734	\$140,920
112	4	29-1021	Dentists, General	-	-	-	-	-	-	Doctoral or professional degree	Doctoral or professional degree	\$142,189	\$193,003	NA
113	4	29-1029	Dentists, All Other Specialists	-	-	-	-	-	-	Doctoral or professional degree	Doctoral or professional degree	NA	NA	NA
114	4	29-1031	Dietitians and Nutritionists	30	31	3.3%	1	19	20	Bachelor's degree	Bachelor's degree	\$50,107	\$69,534	\$84,635
115	4	29-1041	Optometrists	19	18	-5.3%	-1	4	4	Doctoral or professional degree	Doctoral or professional degree	\$33,883	\$40,971	\$127,681
116	4	29-1051	Pharmacists	166	164	-1.2%	-2	74	72	Doctoral or professional degree	Doctoral or professional degree	\$109,616	\$135,720	\$165,755
117	4	29-1061	Anesthesiologists	-	-	-	-	-	-	Doctoral or professional degree	Doctoral or professional degree	NA	NA	NA
118	4	29-1062	Family and General Practitioners	66	68	3.0%	2	20	22	Doctoral or professional degree	Doctoral or professional degree	NA	NA	NA
119	4	29-1063	Internists, General	-	-	-	-	-	-	Doctoral or professional degree	Doctoral or professional degree	\$56,077	NA	NA
120	4	29-1065	Pediatricians, General	-	-	-	-	-	-	Doctoral or professional degree	Doctoral or professional degree	NA	NA	NA
121	4	29-1066	Psychiatrists	-	-	-	-	-	-	Doctoral or professional degree	Doctoral or professional degree	NA	NA	NA
122	4	29-1067	Surgeons	22	24	9.1%	2	7	9	Doctoral or professional degree	Doctoral or professional degree	NA	NA	NA
123	4	29-1069	Physicians and Surgeons, All Other	174	181	4.0%	7	52	59	Doctoral or professional degree	Doctoral or professional degree	NA	NA	NA
124	4	29-1071	Physician Assistants	65	82	26.2%	17	41	58	Master's degree	Master's degree	\$76,544	\$116,605	\$154,482
125	4	29-1123	Physical Therapists	89	99	11.2%	10	39	49	Doctoral or professional degree	Doctoral or professional degree	\$82,118	\$97,656	\$125,798
126	4	29-1124	Radiation Therapists	-	-	-	-	-	-	Associate's degree	Bachelor's degree	NA	NA	NA
127	4	29-1126	Respiratory Therapists	-	-	-	-	-	-	Associate's degree	Bachelor's degree	\$54,517	\$67,704	\$80,933
128	4	29-1128	Exercise Physiologists	-	-	-	-	-	-	Bachelor's degree	Bachelor's degree	NA	NA	NA
129	4	29-1131	Veterinarians	85	93	9.4%	8	34	42	Doctoral or professional degree	Doctoral or professional degree	\$45,656	\$92,394	\$130,395
130	4	29-1141	Registered Nurses	1,498	1,667	11.3%	169	845	1,014	Bachelor's degree	Bachelor's degree	\$69,056	\$91,021	\$121,243
131	4	29-1151	Nurse Anesthetists	15	17	13.3%	2	8	10	Master's degree	Master's degree	NA	NA	NA
132	4	29-1161	Nurse Midwives	-	-	-	-	-	-	Master's degree	Master's degree	NA	NA	NA
133	4	29-1171	Nurse Practitioners	101	122	20.8%	21	60	81	Master's degree	Master's degree	\$90,438	\$115,773	\$147,014
134	4	29-1181	Audiologists	-	-	-	-	-	-	Doctoral or professional degree	Doctoral or professional degree	NA	NA	NA
135	4	29-1199	Health Diagnosing and Treating Practitioners, All Other	-	-	-	-	-	-	Doctoral or professional degree	Doctoral or professional degree	NA	NA	NA
136	4	29-2010	Clinical Laboratory Technologists and Technicians	132	135	2.3%	3	84	87	Bachelor's degree	Bachelor's degree	NA	NA	NA
137	4	29-2021	Dental Hygienists	-	-	-	-	-	-	Associate's degree	Bachelor's degree	\$45,032	\$77,272	\$100,048
138	4	29-2031	Cardiovascular Technologists and Technicians	399	438	9.8%	39	279	317	Postsecondary training (non-degree)	Postsecondary training (non-degree)	\$44,282	\$82,071	\$107,099
139	4	29-2032	Diagnostic Medical Sonographers	54	65	20.4%	11	33	44	Associate's degree	Bachelor's degree	NA	NA	NA
140	4	29-2033	Nuclear Medicine Technologists	-	-	-	-	-	-	Associate's degree	Bachelor's degree	NA	NA	NA
141	4	29-2034	Radiologic Technologists	141	151	7.1%	10	80	90	Associate's degree	Bachelor's degree	\$44,491	\$65,728	\$90,376
142	4	29-2035	Magnetic Resonance Imaging Technologists	17	18	5.9%	1	9	10	Associate's degree	Associate's degree	NA	NA	NA
143	4	29-2043	Emergency Medical Technicians and Paramedics	463	399	-13.8%	-64	279	317	Postsecondary training (non-degree)	Postsecondary training (non-degree)	NA	NA	NA
144	4	29-2091	Orthotists and Prosthetists	-	-	-	-	-	-	Bachelor's degree	Bachelor's degree	NA	NA	NA
145	4	29-2092	Hearing Aid Specialists	-	-	-	-	-	-	High school diploma or equivalent	High school diploma or equivalent	\$41,621	\$48,734	\$77,626
146	4	29-2099	Health Technologists and Technicians, All Other	76	84	10.5%	8	55	63	Postsecondary training (non-degree)	Postsecondary training (non-degree)	NA	NA	NA
147	4	29-9011	Occupational Health and Safety Specialists	73	79	8.2%	6	42	48	Bachelor's degree	Bachelor's degree	\$51,667	\$86,112	\$103,646
148	4	29-9012	Occupational Health and Safety Technicians	-	-	-	-	-	-	Bachelor's degree	Bachelor's degree	NA	NA	NA
149	4	29-9091	Athletic Trainers	-	-	-	-	-	-	Bachelor's degree	Master's degree	NA	NA	NA
150	4	29-9099	Healthcare Practitioners and Technical Workers, All Other	19	22	15.8%	3	12	15	Associate's degree	Associate's degree	NA	NA	NA
151	4	31-9093	Medical Equipment Preparers	-	-	-	-	-	-	Postsecondary training (non-degree)	Postsecondary training (non-degree)	NA	NA	NA
152			Service											
153	4	33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers	55	57	3.6%	2	36	38	High school diploma or equivalent	Bachelor's degree	\$24,648	\$87,152	\$119,579
154	4	33-2011	Firefighters	226	250	10.6%	24	162	186	Postsecondary training (non-degree)	Associate's degree	\$44,428	\$71,323	\$101,878
155	4	33-2021	Fire Inspectors and Investigators	-	-	-	-	-	-	Postsecondary training (non-degree)	Postsecondary training (non-degree)	NA	NA	NA
156	4	33-2022	Forest Fire Inspectors and Prevention Specialists	-	-	-	-	-	-	High school diploma or equivalent	Associate's degree	NA	NA	NA
157	4	33-3021	Detectives and Criminal Investigators	-	-	-	-	-	-	Associate's degree	Bachelor's degree	\$31,346	\$71,552	\$97,365
158	4	37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	105	119	13.3%	14	122	136	High school diploma or equivalent	Postsecondary training (non-degree)	\$27,872	\$39,624	\$73,133
159	4	37-2021	Pest Control Workers	-	-	-	-	-	-	High school diploma or equivalent	High school diploma or equivalent	\$36,587	\$52,000	\$66,934
160	4	37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	41	44	7.3%	3	55	58	High school diploma or equivalent	High school diploma or equivalent	NA	NA	NA
161	4	37-3013	Tree Trimmers and Pruners	-	-	-	-	-	-	High school diploma or equivalent	High school diploma or equivalent	NA	NA	NA
162	4	39-4031	Morticians, Undertakers, and Funeral Directors	18	26	44.4%	8	26	34	Associate's degree	Associate's degree	NA	NA	NA
163			Sales and Related											
164	4	41-3031	Securities, Commodities, and Financial Services Sales Agents	94	100	6.4%	6	92	98	Bachelor's degree	Bachelor's degree	\$32,136	\$39,104	\$71,698
165	4	41-3111	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	41	41	0.0%	0	43	43	Bachelor's degree	Bachelor's degree	\$45,240	\$75,260	\$104,964
166	4	41-9031	Sales Engineers	-	-	-	-	-	-	Bachelor's degree	Bachelor's degree	NA	NA	NA
167			Office and Administrative Support											
168	4	43-9011	Computer Operators	-	-	-	-	-	-	High school diploma or equivalent	High school diploma or equivalent	NA	NA	NA
169	4	43-9111	Statistical Assistants	-	-	-	-	-	-	Bachelor's degree	Master's degree	NA	NA	NA
170			Farming, Fishing, and Forestry											
171	4	45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	155	148	-4.5%	-7	224	217	High school diploma or equivalent	High school diploma or equivalent	\$37,502	\$58,885	\$90,958
172	4	45-2091	Agricultural Equipment Operators	-	-	-	-	-	-	High school diploma or equivalent	High school diploma or equivalent	NA	NA	NA
173	4	45-4011	Forest and Conservation Workers	-	-	-	-	-	-	High school diploma or equivalent	High school diploma or equivalent	\$30,722	\$43,701	\$49,878
174			Construction and Extraction											
175	4	47-2031	Carpenters	916	1,017	11.0%	101	1,000	1,101	High school diploma or equivalent	Postsecondary training (non-degree)	\$34,694	\$43,867	\$56,368
176	4	47-2051	Cement Masons and Concrete Finishers	-	-	-	-	-	-	Less than high school	High school diploma or equivalent	\$36,234	\$57,845	\$80,122
177	4	47-2081	Drywall and Ceiling Tile Installers	60	62	3.3%	2	61	63	Less than high school	High school diploma or equivalent	\$37,669	\$56,950	\$97,864
178	4	47-2152	Plumbers, Pipefitters, and Steamfitters	129	148	14.7%	19	153	172	High school diploma or equivalent	Postsecondary training (non-degree)	\$38,626	\$59,779	\$107,411
179	4	47-2211	Sheet Metal Workers	-	-	-	-	-	-	High school diploma or equivalent	Postsecondary training (non-degree)	NA	NA	NA
180	4	47-4011	Construction and Building Inspectors	34	36	5.9%	2	43	45	High school diploma or equivalent	Associate's degree	\$34,653	\$52,187	\$78,270
181			Installation, Maintenance, and Repair											
182	4	49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	-	-	-	-	-	-	High school diploma or equivalent	Postsecondary training (non-degree)	\$43,243	\$64,896	\$106,995
183	4	49-2011	Computer, Automated Teller, and Office Machine Repairers	-	-	-	-	-	-	High school diploma or equivalent	Postsecondary training (non-degree)	\$25,085	\$35,048	\$39,000
184	4	49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	-	-	-	-	-	-	Postsecondary training (non-degree)	Postsecondary training (non-degree)	NA	NA	NA
185	4	49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	119	125	5.0%	6	134	140	Postsecondary training (non-degree)	Postsecondary training (non-degree)	\$34,819	\$57,907	\$80,018
186	4	49-2092	Electric Motor, Power Tool, and Related Repairers	-	-	-	-	-	-	Postsecondary training (non-degree)	Postsecondary training (non-degree)	NA	NA	NA

Southwestern STEM Occupations, 2019-2029 (Coos, Curry and Douglas Counties)

Oregon Employment Department, Workforce and Economic Research Division, Published November 5, 2020.

Contact: Contact for Coos and Curry counties: Guy Tauer, Regional Economist, Guy.R.Tauer@oregon.gov, 541-816-8396 | Contact for Douglas County: Brian Rooney, Regional Economist, Brian.T.Rooney@oregon.gov, 541-359-9546

Row	SOC Level	SOC Code	Standard Occupational Classification Title	2019-2029 Occupational Projections							2020 Occupational Wage Information				
				2019 Employment	2029 Employment	Percent Change	Employment Change	Replacement Openings	Total Openings	Typical Entry-Level Education	Competitive Education	10 th Percentile Annual Wage	50 th Percentile Annual Wage	90 th Percentile Annual Wage	
187	4	49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	-s-	-s-	-s-	-s-	-s-	-s-	-s-	Postsecondary training (non-degree)	Associate's degree	NA	NA	NA
188	4	49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	9	10	11.1%	1	9	10	Postsecondary training (non-degree)	Associate's degree	\$57,990	\$74,901	\$115,440	
189	4	49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	-s-	-s-	-s-	-s-	-s-	-s-	Postsecondary training (non-degree)	Postsecondary training (non-degree)	NA	NA	NA	
190	4	49-2097	Electronic Home Entertainment Equipment Installers and Repairers	-s-	-s-	-s-	-s-	-s-	-s-	Postsecondary training (non-degree)	Postsecondary training (non-degree)	NA	NA	NA	
191	4	49-3011	Aircraft Mechanics and Service Technicians	-s-	-s-	-s-	-s-	-s-	-s-	Postsecondary training (non-degree)	Associate's degree	NA	NA	NA	
192	4	49-3023	Automotive Service Technicians and Mechanics	293	296	1.0%	3	287	290	Postsecondary training (non-degree)	Associate's degree	\$34,835	\$36,941	\$59,654	
193	4	49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	215	230	7.0%	15	206	221	High school diploma or equivalent	Postsecondary training (non-degree)	\$33,405	\$44,512	\$60,070	
194	4	49-3042	Mobile Heavy Equipment Mechanics, Except Engines	224	241	7.6%	17	232	249	High school diploma or equivalent	Postsecondary training (non-degree)	\$31,616	\$44,242	\$62,899	
195	4	49-3051	Motorboat Mechanics and Service Technicians	22	23	4.6%	1	23	24	High school diploma or equivalent	High school diploma or equivalent	NA	NA	NA	
196	4	49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	39	48	23.1%	9	43	52	High school diploma or equivalent	Postsecondary training (non-degree)	\$25,355	\$35,350	\$39,458	
197	4	49-3091	Bicycle Repairers	-s-	-s-	-s-	-s-	-s-	-s-	High school diploma or equivalent	High school diploma or equivalent	NA	NA	NA	
198	4	49-3021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	101	115	13.9%	14	105	119	Postsecondary training (non-degree)	Postsecondary training (non-degree)	\$32,760	\$45,282	\$64,480	
199	4	49-9041	Industrial Machinery Mechanics	334	355	6.3%	21	316	337	High school diploma or equivalent	Postsecondary training (non-degree)	\$40,560	\$54,496	\$65,416	
200	4	49-9043	Maintenance Workers, Machinery	22	23	4.6%	1	20	21	High school diploma or equivalent	High school diploma or equivalent	\$36,296	\$44,117	\$51,314	
201	4	49-9044	Millwrights	-s-	-s-	-s-	-s-	-s-	-s-	High school diploma or equivalent	Postsecondary training (non-degree)	NA	NA	NA	
202	4	49-9052	Medical Equipment Repairers	-s-	-s-	-s-	-s-	-s-	-s-	Postsecondary training (non-degree)	Associate's degree	NA	NA	NA	
203	4	49-9092	Commercial Divers	-s-	-s-	-s-	-s-	-s-	-s-	Postsecondary training (non-degree)	Postsecondary training (non-degree)	NA	NA	NA	
204	4	49-9099	Installation, Maintenance, and Repair Workers, All Other	105	114	8.6%	9	118	127	High school diploma or equivalent	High school diploma or equivalent	NA	NA	NA	
205			Production												
206	4	51-1011	First-Line Supervisors of Production and Operating Workers	314	335	6.7%	21	332	353	High school diploma or equivalent	Bachelor's degree	\$43,784	\$61,339	\$83,595	
207	4	51-2041	Structural Metal Fabricators and Fitters	52	53	1.9%	1	55	56	High school diploma or equivalent	Postsecondary training (non-degree)	\$32,947	\$40,082	\$51,626	
208	4	51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	-s-	-s-	-s-	-s-	-s-	-s-	High school diploma or equivalent	Postsecondary training (non-degree)	NA	NA	NA	
209	4	51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	-s-	-s-	-s-	-s-	-s-	-s-	Postsecondary training (non-degree)	Postsecondary training (non-degree)	NA	NA	NA	
210	4	51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	-s-	-s-	-s-	-s-	-s-	-s-	High school diploma or equivalent	High school diploma or equivalent	NA	NA	NA	
211	4	51-4041	Machinists	101	108	6.9%	7	106	113	High school diploma or equivalent	Postsecondary training (non-degree)	\$33,987	\$42,723	\$63,336	
212	4	51-4062	Patternmakers, Metal and Plastic	-s-	-s-	-s-	-s-	-s-	-s-	High school diploma or equivalent	High school diploma or equivalent	NA	NA	NA	
213	4	51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	-s-	-s-	-s-	-s-	-s-	-s-	High school diploma or equivalent	High school diploma or equivalent	\$27,914	\$36,483	\$42,702	
214	4	51-4111	Tool and Die Makers	-s-	-s-	-s-	-s-	-s-	-s-	Postsecondary training (non-degree)	Associate's degree	NA	NA	NA	
215	4	51-8031	Water and Wastewater Treatment Plant and System Operators	154	146	-5.2%	-8	136	128	Postsecondary training (non-degree)	Postsecondary training (non-degree)	\$34,320	\$45,344	\$62,171	
216	4	51-8099	Plant and System Operators, All Other	-s-	-s-	-s-	-s-	-s-	-s-	High school diploma or equivalent	Postsecondary training (non-degree)	NA	NA	NA	
217	4	51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	120	123	2.5%	3	130	133	High school diploma or equivalent	High school diploma or equivalent	\$34,403	\$46,176	\$53,373	
218	4	51-9082	Medical Appliance Technicians	-s-	-s-	-s-	-s-	-s-	-s-	High school diploma or equivalent	Postsecondary training (non-degree)	NA	NA	NA	
219	4	51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	-s-	-s-	-s-	-s-	-s-	-s-	High school diploma or equivalent	High school diploma or equivalent	\$32,594	\$39,874	\$49,587	
220			Transportation and Material Moving												
221	4	53-5011	Sailors and Marine Oilers	-s-	-s-	-s-	-s-	-s-	-s-	Less than high school	High school diploma or equivalent	NA	NA	NA	
222	4	53-5021	Captains, Mates, and Pilots of Water Vessels	22	21	-4.6%	-1	21	20	Postsecondary training (non-degree)	Postsecondary training (non-degree)	NA	NA	NA	
223	4	53-5022	Motorboat Operators	-s-	-s-	-s-	-s-	-s-	-s-	High school diploma or equivalent	High school diploma or equivalent	NA	NA	NA	
224	4	53-5031	Ship Engineers	-s-	-s-	-s-	-s-	-s-	-s-	High school diploma or equivalent	Bachelor's degree	NA	NA	NA	
225	4	53-6041	Traffic Technicians	-s-	-s-	-s-	-s-	-s-	-s-	Postsecondary training (non-degree)	Bachelor's degree	NA	NA	NA	
226	4	53-6051	Transportation Inspectors	-s-	-s-	-s-	-s-	-s-	-s-	High school diploma or equivalent	Postsecondary training (non-degree)	NA	NA	NA	
227	4	53-7011	Conveyor Operators and Tenders	46	45	-2.2%	-1	54	53	Less than high school	High school diploma or equivalent	\$35,214	\$43,846	\$53,186	

Notes:

All data includes self-employment.

-s- means suppressed for confidentiality or insufficient data.

*Indicates wage is available at the hourly rate, but not annual.

** Non-covered agricultural workers are workers employed by agricultural firms who are not covered by unemployment insurance. The number of non-covered agricultural workers by occupation is not available.

[Data Sources and Limitations](#)

Science, technology, engineering, and math (STEM) occupations are based on definitions by the Brookings Institute