

Students with a prior BS degree, who have completed the mathematics and science requirements, can complete the BS Geomatics degree in two years.

<b>OREGON TECH - GEOMATICS DEPARTMENT</b>		
<b>Accelerated Prior BS Degree - GIS option</b>		
<b>2018-19 Catalog</b>		
<b>Fall Term - Year One</b>		
GME 161 Plane Surveying I		4
GME 241 Boundary Law I		3
GIS 103 The Digital Earth		3
MIS 275 Introduction to Relational Database (online)		3
	total	13
<b>Winter Term - Year One</b>		
GIS 316 Geospatial Vector Analysis I *		4
GIS 134 Geographic Information Systems		3
GME 175 Computations and Platting		4
MIS 118 Programming Fundamentals		4
GME 242 Land Descriptions and Cadastre		2
	total	17
<b>Spring Term - Year One</b>		
GIS 426 Geospatial Vector Analysis II		4
GIS 205 GIS Data Integration		2
GME 162 Plane Surveying II		4
CE 203 Graphical Communication (AutoCAD)		3
	total	13
<b>Fall Term - Year Two</b>		
GIS 306 Geospatial Raster Analysis		4
GME 451 Geodesy		4
GME 425 Remote Sensing		4
GIS 332 Customizing the GIS Environment		4
	total	16
<b>Winter Term - Year Two</b>		
GME 455 GNSS Surveying for GIS		4
GIS 432 Customizing the GIS Environment II		4
MIS 218 Database Programming		4
MIS 341 Relational Database Design I		4
GME 452 Map Projections		3
	total	19
<b>Spring Term - Year Two</b>		
MIS 442 Adv Web App Programming		4
GIS 446 GIS Database Development		4
GME 468 Geomatics Practicum		4
	total	12
<b>Grand Total</b>		<b>90</b>
<b>Departmental General Education Requirements - both options</b>		
(transfer equivalency possible)		
MGT 345 Engineering Economy		3
BUS 226 Business Law I		3
MGT 345 Engineering Economy		3
WRI 227 Technical Report Writing		3
WRI 327 Advanced Technical Writing		3
* Prerequisite override for GIS 134		