

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

OREGON TECH - GEOMATICS DEPARTMENT	
Accelerated Prior BS Degree - Surveying Option	
2018-19 Catalog	
Fall Term - Year One	Credits
GME 161 Plane Surveying I	4
MIS 113 Introduction to Relational Database	3
GIS 103 The Digital Earth	3
GME 241 Boundary Law I	3
GME 451 Geodesy	4
total	17
Winter Term - Year One	
CE 203 Graphical Communication (AutoCAD)	3
GME 175 Computations and Platting	3
GIS 134 Geographic Information Systems	3
GME 242 Land Descriptions and Cadastre	2
GME 452 Map Projections	3
total	14
Spring Term - Year One	
GIS 205 GIS Data Integration	2
GME/GIS/ENV elective (transfer equivalency possible)	4
GME 162 Plane Surveying II	4
MIS 118 Programming Fundamentals (online course)	4
total	14
Fall Term - Year Two	
GME 425 Remote Sensing	4
GIS 306 Geospatial Raster Analysis	4
GME 163 Route Surveying	4
GME 343 Boundary Surveys	4
total	16
Winter Term - Year Two	
GME 454 GNSS Surveying	4
GIS 316 Geospatial Vector Analysis I	4
GME 444 Adjustment by Least Squares	4
GME 264 Software Applications	2
GME 466 Boundary Law II	3
total	17
Spring Term - Year Two	
GME 351 Construction and Engineering Surveying	3
GME 372 Subdivision Planning and Platting	3
GME 468 Geomatics Practicum	2
total	8
Grand Total	86
Departmental General Education Requirements GIS & Surveying options	
(transfer equivalency possible)	
BUS 226 Business Law I	3
MGT 345 Engineering Economy	3
WRI 227 Technical Report Writing	3
WRI 327 Advanced Technical Writing	3