

THE UNIVERSITY OF AKRON
AKRON OHIO
SUMMIT COLLEGE

GEOGRAPHIC AND LAND INFORMATION SYSTEMS (GIS/LIS)
2985: Associate of Applied Science Degree

FIRST YEAR**Fall Semester**

	<u>Credit Hours</u>	<u>Prerequisites</u>
2020:121 English	4	Placement Test
2030:152 Technical Mathematics II	2	2030:151 with grade of C- or better or placement test
2030:153 Technical Mathematics III	2	2030:152 or equiv with grade of C- or better or placement test
2980:100 Introduction to Geomatics	2	
2980:101 Basic Surveying I	2	2030:152 Coreq.
2820:131 Software Applications for Technology (Sch. Lab)	1	
2985:101 Intro. To Geographic and Land Info. Sys. (Sch. Lab)	<u>3</u>	
	16	

Spring Semester

2030:260 Advanced Trigonometry	2	2030:153 or equiv with grade of C- or better or placement test
2980:102 Basic Surveying II	2	2980:101 and 2030:153
2980:355 Computer Applications in Surveying	3	
2985:201 Intermediate Geographic and Land Info. Systems	3	2985:101
3350:100 Introduction to Geography	3	
7600:105 Introduction to Public Speaking - OR -		
7600:106 Effective Oral Communication - OR -		
2540:263 Prof. Communications & Presentations	<u>3</u>	
	16	

SECOND YEAR**Fall Semester**

2020:222 Technical Report Writing	3	
xxxx:xxx Area Studies & Cultural Diversity	2	
2980:228 Boundary Surveying	3	2940:210
2985:205 Building Geodatabases	3	
2985:xxx GIS/LIS Elective	2	
xxxx:xxx Natural Science (see advisor)	<u>4</u>	
	17	

Spring Semester

2980:330 Applied Photogrammetry	3	
2980:xxx Surveying Elective	3	
2985:210 Geographic and Land Info. Systems Project	3	2985:101
2985:xxx GIS Elective	3	
2985:280 Topics in Professional Practice	2	
2985:291 Geographic and Land Info. Systems Internship	<u>3</u>	Permission
	17	

TOTAL CREDITS = 66

This program prepares graduates to enter the job market as GIS/LIS technicians for business and industry. Emphasis of the curriculum is on understanding digital geographic data, software applications in solving geographic problems, and graphic communication techniques.