

**THE UNIVERSITY OF AKRON – BELMONT COLLEGE PARTNERSHIP**

**BACHELOR OF SCIENCE – SURVEYING & MAPPING**

**ADVISING GUIDE**

**REQUIREMENTS TO BE ADMITTED TO THE SURVEYING & MAPPING PROGRAM:**

- COMPLETION OF THE ASSOCIATE OF ARTS OUTLINED BELOW:

**YEAR ONE**

<b>BC Course #</b>	<b>BC Course Name</b>	<b>Credits</b>	<b>Semester</b>
ENG1110	Composition I	3	Fall
FYE1110	Student Learning & Success	1	Fall
MAT1140	Trigonometry	3	Fall
PHY1110	Physics I w/Lab	5	Fall
PSY1120	General Psychology	3	Fall
	Electives	2	Fall
	<b>TOTAL CREDITS</b>	<b>17</b>	
COM1115	Speech	3	Spring
ENG1125	Critical Writing	3	Spring
MAT1150	College Algebra & Trigonometry	3	Spring
HIS1110	Western Civilizations I	3	Spring
GEO1120	Geology for Coal, Oil & Gas	3	Spring
MED2247	First Aid & CPR	1	Spring
	<b>TOTAL CREDITS</b>	<b>16</b>	

**Year Two**

<b>BC Course #</b>	<b>BC Course Name</b>	<b>Credits</b>	<b>Semester</b>
PHL2130	Ethics	3	Fall
ECN1110	Macroeconomics	3	Fall
	Recommended Electives		
MAT2120	Calculus I	4	Fall
ECE1120	CAD	4	Fall
FST1116	Workplace Safety	1	Fall
	<b>TOTAL CREDITS</b>	<b>15</b>	
	Arts & Humanities Course	3	Spring
SOC2160	Cultural/Diversity Studies	3	Spring
	Recommended Electives		
ECE1170	Computing for Engineers	4	Spring
ECE2121	Surveying	4	Spring
GIS1100	Intro to GIS	3	Spring
	<b>TOTAL CREDITS</b>	<b>17</b>	

**Students MUST complete the Belmont College Ohio Transfer Module requirements.**

- COMPLETION OF UA BRIDGE COURSES (16 credits)

UA Course #	UA Course Name	Credits
2980:100	Intro to Geomatics	2
2980:102	Topographic Surveying	2
2980:222	Construction Surveying w/Lab	3
2980:223	Fundamentals of Map Production	3
2980:228	Boundary Surveying	3
2980:225	Advanced Surveying w/ Lab	3
	<b>TOTAL CREDITS NEEDED</b>	<b>16</b>

Student would be eligible for UA's AAS – Land Surveying upon completion

- COMPLETION OF SURVEYING & MAPPING COURSES (34 credits):

UA Course #	UA Course Name	Credits
2030:345	Technical Data Analysis	2
2030:480	Advanced Topics in Technical Math	2
2980:xxx	Surveying Electives	3
2980:310	Surveying Computations and Adjustments	2
2985:201	Intermediate GIS/LIS	3
2980:330	Applied Photogrammetry	3
2980:315	Boundary Control and Legal Principles	3
2980:427	Ohio Lands	2
xxxx:xxx	Cooperative Work Study	
2980:xxx	Surveying Electives	2
2980:415	Legal Aspects of Surveying	3
2980:422	GPS Surveying	3
2980:431	Senior Seminar	2
2420:103	Essentials of Management Technology	3
2980:421	Subdivision Design	3
2980:430	Surveying Project	3
2980:xxx	Surveying Electives	4

**TOTAL CREDITS REQUIRED FOR DEGREE COMPLETION:**

**124**

- Must complete a minimum of 30 credits from The University of Akron
- Must achieve a minimum cumulative GPA of 2.0 to graduate