



## Curricular Plan Combined Civil Engineering BS-MBA Program

The plan below provides a roadmap for completing this academic program and the UB Curriculum within five years. Your actual plan may vary depending on point of entry to the university, course placement and/or waivers based on standardized test scores, earned alternative credit and/or college transfer credit.

All students are encouraged to use this plan in conjunction with other academic planning resources such as your academic advisor, the hUB Academic Advisement Report, My Planner and Path Finder tool.

In addition to following this course roadmap, all other admission and academic requirements of this major (as per the Undergraduate Catalog) must be met in order to successfully complete this degree.

First Year – Fall Semester		
<i>Course</i>	<i>Category</i>	<i>Credit</i>
EAS 199	M/UBS	3
MTH 141	M/MQR	4
CHE 107	M/SLI 1	4
Pathway or ENG 105	P or CL 1	3 or 4
<i>Total Credits:</i>		14 or 15

First Year – Spring Semester		
<i>Course</i>	<i>Category</i>	<i>Credit</i>
MTH 142	M	4
Earth Science Elective	M	3
PHY 107	M/SLI 2	4
EAS 202	M	1
Pathway or ENG 105	P or CL 1	3 or 4
<i>Total Credits:</i>		15 or 16

Second Year – Fall Semester		
<i>Course</i>	<i>Category</i>	<i>Credit</i>
MTH 241	M	4
EAS 207	M	3
PHY 108	M	4
PHY 158	M	1
CIE 177	M	2
EAS 230	M	3
<i>Total Credits:</i>		17

Second Year – Spring Semester		
<i>Course</i>	<i>Category</i>	<i>Credit</i>
MTH 306	M	4
EAS 209	M	3
Engineering Elective	M	3
CIE 327	M/P	4
Pathway and Diversity Learning	P/DL*	3
<i>Total Credits:</i>		17

Third Year – Fall Semester		
Course	Category	Credit
CIE 340	M/P	3
CIE 323	M	4
CIE 334	M	4
CIE 354	M	3
CIE 308	M	3
<i>Total Credits:</i>		17

Third Year – Spring Semester		
Course	Category	Credit
EAS 360	M/CL 2	3
CIE 324	M	3
CIE 435	M	3
CIE 343	M	4
CIE 439	M	3
<i>Total Credits:</i>		16

Fourth Year – Fall Semester		
Course	Category	Credit
MGQ 608	M	2
MGQ 609	M	1
MGB 610	M	2
MGB 611	M	1
MGA 603	M	2
MGF 611	M	2
MGG 635	M	1.5
MGO 695	M	1.5
MGM 615	M	2
Pathway	P	3
<i>Total Credits:</i>		18

Fourth Year – Spring Semester		
Course	Category	Credit
MGA 605	M	2
MGE 604	M	2
MGO 620	M	2
MGO 640	M	2
MGS 605	M	2
MGT Elective	M	3
Pathway	P	3
UBC 399	CAP	1
<i>Total Credits:</i>		17

Fourth Year – Summer Semester		
Course	Category	Credit
MBA Internship	M	3
<i>Total Credits:</i>		3

Fifth Year – Fall Semester		
Course	Category	Credit
MBA Electives	M	9
CIE 415	M	3
Technical Elective with Design	M	3
GIS Elective	M	3
<i>Total Credits:</i>		18

Fifth Year – Spring Semester		
Course	Category	Credit
MGO 642	M	1
MGO 644	M	1
MBA Electives	M	6
CIE 416	M	3
Technical Elective	M	3
Elective	M	3
<i>Total Credits:</i>		17

Total Credits Required for Degree:	170
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*\*Approved Diversity Learning course if not met through approved major, elective, or UBC course.*

**Category Legend:**

**M** = Course Required for Major (including pre-requisites needed for admission to the major)

**E** = Elective (course not required for major or UB Curriculum)

**The following are all components of the UB Curriculum (UBC) For more information on the UBC and course options visit:** <https://catalog.buffalo.edu/policies/ubcurriculum.html>

- UBS = UB Seminar
- CL1/CL 2 = Communication Literacy (2 required)
- CAP = UB Capstone
- DL = Diversity Learning
- MQR = Math and Quantitative Reasoning
- P = Pathway Course (6 required: 3 Global, 3 Thematic)
- SLI1/SLI2 = Scientific Literacy and Inquiry (2 required)

Note: Some classes may count toward both a major (M) and UB Curriculum (UBC) requirement. Courses that count towards more than one requirement are indicated by a "/" (slash) in the category column indicating which categories the course will satisfy.