



Curricular Plan

Combined Bachelor of Science in Electrical Engineering/Masters of Business Administration

The plan below provides a roadmap for completing this academic program and the UB Curriculum within 5 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		
Course	Category	Credit
MTH 141	M/MQR	4
CHE 107	M/SLI 1	4
EAS 199	M/UBS	3
Pathway and Diversity Learning	P/DL*	3
Pathway or ENG 105	P or CL 1	3 or 4
<i>Total Credits:</i>		17 or 18

Course	Category	Credit
MTH 142	M	4
EE 178	M	4
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>		16 or 17

Second Year Fall Semester		
Course	Category	Credit
MTH 306	M	4
EE 202	M	3
PHY 108	M	4
PHY 158	M	1
EAS 360	M/CL 2	3
<i>Total Credits:</i>		15

Second Year Spring Semester		
Course	Category	Credit
MTH 241	M	4
EE 205	M	4
PHY 207	M	4
PHY 257	M	1
EAS 240	M	3
<i>Total Credits:</i>		16

Third Year Fall Semester		
Course	Category	Credit
EE 310	M	3
EE 352	M	3
EE 324	M	4
EE 305	M	4
MTH 309 or EAS 230	M	3
<i>Total Credits:</i>		17

Third Year Spring Semester		
Course	Category	Credit
EE 311	M	3
EE 353	M	3
EE 379	M	3
EE 383	M/P	3
EE 336	M/P	3
<i>Total Credits:</i>		15

Summer		
MGX 648 MBA Internship (Summer)	M	3

Fourth Year Fall Semester		
Course	Category	Credit
EE 478	M	3
MGB 610	M	2
MGQ 608	M	2
MGA 603	M	2
MGO 695	M	1.5
MGF 611	M	2
MGB 611	M	1
MGQ 609	M	1
MGG 635	M	1.5
MGM 615	M	2
<i>Total Credits:</i>		18

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

Fifth Year Fall Semester		
Course	Category	Credit
MBA Elective	M	3
MBA Elective	M	3
MBA Elective	M	3
EE 408	M	1
EE Technical Elective	M	3
EE Technical Elective	M	3
<i>Total Credits:</i>		16

Fifth Year Spring Semester		
Course	Category	Credit
MGO 642	M	1
MGO 644	M	1
MBA Elective	M	3
MBA Elective	M	3
MBA Elective	M	3
EE 494	M	3
<i>Total Credits:</i>		14

Total Credits Required for Degree:	165
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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.