



Curricular Plan Chemical Engineering BS/MBA

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
ENG 105	CL1	4
Pathway and Diversity Learning	P/DL*	3
<i>Total Credits:</i>		18

First Year – Spring Semester		
Course	Category	Credit
MTH 142	M	4
CHE 108	M	4
PHY 107	M/SLI 2	4
EAS 230	M	3
EAS 202	M	1
<i>Total Credits:</i>		16

Second Year – Fall Semester		
Course	Category	Credit
MTH 241	M	4
CE 212	M	4
PHY 108	M	4
PHY 158	M	1
CHE 201	M	5
<i>Total Credits:</i>		18

Second Year – Spring Semester		
Course	Category	Credit
MTH 306	M	4
CE 304	M	4
CE 220	M	3
EAS 360	M/CL 2	3
Pathway	P	3
<i>Total Credits:</i>		17

Third Year – Fall Semester		
Course	Category	Credit
CE 317	M	4
CE 327	M	4
CHE 334	M	2
CE 329	M/P	3
CE 341	M/P	3
<i>Total Credits:</i>		16

Third Year – Spring Semester		
Course	Category	Credit
CE 318	M	4
CE 328	M	2
CE 433	M	3
CE 434	M	3
Pathway	P	3
Pathway	P	3
<i>Total Credits:</i>		18

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

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

Fourth Year – Summer Semester		
Course	Category	Credit
MGX 648 Internship	M	3
<i>Total Credits:</i>		3

Fifth Year – Fall Semester		
Course	Category	Credit
CE 404	M	4
CE 427	M	2
CE 407	M	3
MGT Elective	M	3
MGT Elective	M	3
MGT Elective	M	3
<i>Total Credits:</i>		18

Fifth Year – Spring Semester		
Course	Category	Credit
CE 408	M	4
CE 428	M	2
MGO 642	M	1
MGO 644	M	1
MGT Elective	M	3
MGT Elective	M	3
MGT Elective	M	3
<i>Total Credits:</i>		17

**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.