



Curricular Plan Chemical Engineering BS/MBA

The plan below provides a roadmap for completing this academic program and the UB Curriculum within x 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/SLI1 | 4 |
| EAS 199 | M/UBS | 3 |
| ENG 105 | CL1 | 4 |
| Thematic Pathway | TP1 | 3 |
| <i>Total Credits:</i> | | 18 |

**MTH 141 counts towards both M & MQR. CHE 107 counts towards both M & SLI1.*

| First Year – Spring Semester | | |
|------------------------------|----------|--------|
| Course | Category | Credit |
| MTH 142 | M | 4 |
| CHE 108 | M | 4 |
| PHY 107 | M/SLI2 | 4 |
| EAS 230 | M | 3 |
| EAS 202 | M | 1 |
| <i>Total Credits:</i> | | 16 |

**PHY 107 counts towards both M & SLI2.*

| 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 |

| Second Year – Spring Semester | | |
|-------------------------------|----------|--------|
| Course | Category | Credit |
| MTH 306 | M | 4 |
| CE 304 | M | 4 |
| CE 220 | M | 3 |
| EAS 360 | M/CL2 | 3 |
| Global Pathway | GP1 | 3 |

| Third Year – Fall Semester | | |
|----------------------------|----------|--------|
| Course | Category | Credit |
| CE 317 | M | 4 |
| CE 327 | M | 4 |
| CHE 334 | M | 2 |
| CE 329 | M/GP3 | 3 |
| CE 341 | M /TP3 | 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 |
| Thematic Pathway | TP2/DL | 3 |
| Tech Elective | M | 3 |
| | | |
| <i>Total Credits:</i> | | 18 |

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

| Fourth Year – Spring Semester | | |
|-------------------------------|----------|--------|
| Course | Category | Credit |
| CE Tech. Elective 2 | M | 3 |
| Global Pathway | GP2 | 3 |
| UBC 399 | CAP | 1 |
| MGA 605 | | 2 |
| MGE 604 | | 2 |
| MGO 620 | | 2 |
| MGO 640 | | 2 |
| MGS 605 | | 2 |
| | | |
| | | |
| <i>Total Credits:</i> | | 17 |

| Fourth Year – Summer Semester | | |
|-------------------------------|----------|--------|
| Course | Category | Credit |
| MGX 648 Internship | | 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 | | 3 |
| MGT Elective | | 3 |
| MGT Elective | | 3 |
| | | |
| <i>Total Credits:</i> | | 18 |

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

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: <http://undergrad-catalog.buffalo.edu/policies/degree/ubcurriculum.html>

- UBS = UB Seminar
- CL1/CL 2 = Communication Literacy (2 required)
- CAP = UB Capstone
- DL = Diversity Learning
- GP1/GP2/GP3 = Global Pathway Course (3 required)
- MQR = Math and Quantitative Reasoning
- SLI1/SLI2 = Scientific Literacy and Inquiry (2 required)
- TP1/TP2/TP3 = Thematic Pathway Course (3 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.
