

Accelerated Curriculum C: Entering with Calc I and Physics I complete

| | Fall | | Spring | |
|-------------------|-------------------------------------|-------------|---|-----------|
| Freshman | Math 10560, Calculus 2 | 4 | MATH 20550, Calculus 3 | 3.5 |
| | CHEM 10171/11171 | 4 | CHEM 10122 Gen Chem | 3 |
| | EG 10111, Intro to Eng | 3 | EG 10112, Intro to Eng | 3 |
| | Arts & Letters Course 1 | 3 | CBE 20255, Intro to Chem Eng | 3 |
| | Writing & Rhetoric or Univ. Sem. | 3 | Writing & Rhetoric or Univ. Sem. | 3 |
| | Moreau First Year Experience | 1 | Moreau First Year Experience | 1 |
| | <u>18</u> | | <u>16.5</u> | |
| Sophomore | MATH 20580, Linear ODEs | 3.5 | MATH 30650, Differential Eq | 3 |
| | CHEM 10172/11172 OChem & Lab | 3 | CHEM 20273, Organic 2 | 3 |
| | CHEM 11172, Organic Lab 1 | 1 | CBE 30367, Thermo 2 | 3 |
| | CBE 20260, Thermodynamics 1 | 3 | CBE 20258, Numerical & Statistical Analy: | 3 |
| | PHYS 10320, Gen Physics 2 | 4 | Arts & Letters Course 4 | 3 |
| | | <u>14.5</u> | *CBE 20290, Career Choices Eng | <u>*1</u> |
| | | *16 | <u>15</u> | |
| Junior | CBE 30361, Materials | 3 | CHEM 30324, Pchem | 3 |
| | CHEM 30333/31333 Achem & Lab | 4 | CBE 30338, Chem Proc Control | 3 |
| | CBE 30355 Transport 1 | | CBE 30356, Transport 2 | 3 |
| | or CBE 30357 Biotransport | 3 | CBE 31358, Chem Eng Lab 1 | 3 |
| | Arts & Letters Course 5 | 3 | Arts & Letters Course 6 | 3 |
| | <u>13</u> | | <u>15</u> | |
| Senior | CBE 40443, Separations | 3 | CBE 40448, Process Design | 3 |
| | CBE 40445, Reaction Engineering | 3 | SCPP 4001 App. to health professions | 3 |
| | CBE 41459, Chem Eng Lab 2 | | CBE Elective | 3 |
| | or CBE 41910 Biomolecular Eng Lab | 3 | Tech Elective | 3 |
| | + CBE 40910 | | Tech Elective | 3 |
| | Arts & Letters Course 7 | 3 | Arts & Letters Course 8 | 3 |
| CBE Elective | 3 | | <u>18</u> | |
| | <u>15</u> | | | |
| Total 133: | 125 plus credit: 4 Calc I, 4 Phys I | | | |

NOTE: Advantage of smaller class sizes and greater flexibility for study abroad, research or pursuing a minor *Strongly recommended

Must be ahead in:

Complete Calc II and Phys prior to Spring of Freshman year

What is a Tech Elective?

A course in the College of Science or College of Engineering.
 3 credit lecture course.
 3XXXX, 4XXXX or higher.
 Must be intended for Science and Engineering majors, not A&L.
 Can only take CBE 48902 Advanced UG research to fulfill one TE.

Other courses will be considered upon request.