

CHEMICAL ENGINEERING

Associate of Science - Chemical Engineering

Full-Time Student Schedule

| Course | Title | Semester Credit Hours |
|------------------------------------|--|-----------------------------|
| Semester #1 | | |
| ENGR 1201 | Introduction to Engineering ¹ | 2 |
| CHEM 1411 | General Chemistry I ¹ | 4 |
| ENGL 1301 | Composition I ¹ | 3 |
| MATH 2413 | Calculus I ¹ | 4 |
| PSYC 1300 or EDUC 1300 | Psychology for Success ¹ or Psychology for Success | 3 |
| Semester Credit Hours | | 16 |
| Semester #2 | | |
| CHEM 1412 | General Chemistry II ¹ | 4 |
| ENGL 1302 | Composition II ¹ | 3 |
| MATH 2414 | Calculus II ¹ | 4 |
| PHYS 2425 | University Physics I ¹ | 4 |
| Semester Credit Hours | | 15 |
| Semester #3 | | |
| CHEM 2423 | Organic Chemistry I ¹ | 4 |
| MATH 2415 | Calculus III ¹ | 4 |
| PHYS 2426 | University Physics II ¹ | 4 |
| ENGR 2304 | Programming for Engineers ¹ | 3 |
| Semester Credit Hours | | 15 |
| Semester #4 | | |
| CHEM 2425 | Organic Chemistry II ¹ | 4 |
| HIST 1302 or GOVT 2306 | U S History II ¹ or Texas Government (Texas Constitution & Topics) | 3 |
| PHED 1164 | Introduction to Physical Fitness and Wellness ¹ | 1 |
| HIST 1301 or GOVT 2305 | U S History I ¹ or Federal Government (Federal Constitution & Topics) | 3 |
| SPCH 1315 or SPCH 1318 | Public Speaking ¹ or Interpersonal Communication | 3 |
| Semester Credit Hours | | 14 |
| Total Semester Credit Hours | | 60 |

¹ Course(s) listed in the Texas Common Course Numbering System
(<https://tcns.org/institution/id:14/yid:19/>)