

| First Year | | | | | | | |
|-------------------------------|---------------|---|-----------------------|-----------------------------|---------------|---|-----------------------|
| Fall Term | | | | Spring Term | | | |
| Course | Course Number | Course Group/Description | Required Credit Hours | Course | Course Number | Course Group/Description | Required Credit Hours |
| ENGR | 1301 | Foundations in Engineering I | 3 | ENGR | 1302 | Foundations in Engineering II | 3 |
| ENGR | 1001 | Foundations in Engineering I Lab | 0 | ENGR | 1002 | Found in Engineering II Lab | 0 |
| HIST | 1301 | United States History I | 3 | HIST | 1302 | United States History II | 3 |
| MATH | 2412 | Pre-Calculus | 4 | ENGL | 1302 | Research and Argument | 3 |
| ENGL | 1301 | Rhetoric and Composition | 3 | MATH | 2313 | Calculus I | 3 |
| PHYS | 1308 | Introduction to Engineering/Physics | 3 | MATH | 2113 | Calculus I Lab | 1 |
| PHYS | 1008 | Introduction to Engineering/Physics Lab | 0 | PHYS | 2325 | Technical Physics I | 3 |
| | | | | PHYS | 2125 | Technical Physics I Laboratory | 1 |
| | | | | | | | |
| | | | | | | | |
| Total Semester Hours | | | 16 | Total Semester Hours | | | 17 |
| Second Year | | | | | | | |
| Fall Term | | | | Spring Term | | | |
| Course | Course Number | Course Group/Description | Required Credit Hours | Course | Course Number | Course Group/Description | Required Credit Hours |
| CSCI | 1302 | Computer Science Principles | 3 | CHEM | 1311 | General Chemistry I | 3 |
| MATH | 2314 | Calculus II | 3 | CHEM | 1111 | General Chemistry I Lab | 1 |
| MATH | 2114 | Calculus II Lab | 1 | ENGR | 2305 | Linear Circuit Analysis I | 3 |
| PHYS | 2326 | Technical Physics II | 3 | ENGR | 2105 | Linear Circuit Analysis I Lab | 1 |
| PHYS | 2126 | Technical Physics II Laboratory | 1 | MATH | 3315 | Calculus III | 3 |
| GOVT | 2305 | Federal Government | 3 | MATH | 3115 | Calculus III Lab | 1 |
| | | Core SPCH | 3 | GOVT | 2306 | Texas Government | 3 |
| | | | | | | | |
| | | | | | | | |
| Total Semester Hours | | | 17 | Total Semester Hours | | | 15 |
| Third Year | | | | | | | |
| Fall Term | | | | Spring Term | | | |
| Course | Course Number | Course Group/Description | Required Credit Hours | Course | Course Number | Course Group/Description | Required Credit Hours |
| ENGR | 2401 | Engineering Statics | 4 | ENGR | 3421 | Engineering Dynamics | 4 |
| ENGR | 2001 | Engineering Statics Lab | 0 | ENGR | 3021 | Engineering Dynamics Lab | 0 |
| PHYS | 3333 | Modern Physics | 3 | ENGR | 3343 | Digital Systems | 3 |
| PHYS | 3133 | Modern Physics Lab | 1 | ENGR | 3043 | Digital Systems Laboratory | 0 |
| PHYS | 3347 | Mathematical Applications in Physics I | 3 | MATH | 3330 | Differential Equations | 3 |
| ENGR | 3344 | Microcomputer Interfacing | 3 | | | Core LPC | 3 |
| ENGR | 3044 | Microcomputer Interfacing Lab | 0 | | | | |
| | | | | | | | |
| Total Semester Hours | | | 14 | Total Semester Hours | | | 13 |
| Fourth Year | | | | | | | |
| Fall Term | | | | Spring Term | | | |
| Course | Course Number | Course Group/Description | Required Credit Hours | Course | Course Number | Course Group/Description | Required Credit Hours |
| ENGR | 4260 | Engineering Capstone Design I | 2 | ENGR | 4270 | Engineering Capstone Design II | 2 |
| ENGR | 4060 | Engineering Capstone Design I Lab | 0 | ENGR | 4070 | Engineering Capstone Design II Lab | 0 |
| ENGR | 3370 | Linear Circuit Analysis II | 3 | PHYS | 4340 | Introduction to Electricity and Magnetism | 3 |
| | | PHYS 4441/4041 or 4331 | 3 | ENGL | 2311 | Technical and Scientific Writing | 3 |
| | | Core S/BS | 3 | ENGR | 4314 | Control Systems | 3 |
| | | Core CA | 3 | ENGR | 4175 | Special Problems | 3 |
| | | | | | | | |
| | | | | | | | |
| Total Semester Hours | | | 14 | Total Semester Hours | | | 14 |
| Total Hours for Degree | | | | | | | 120 |

| Course Group Key | | | |
|---|--------------|------------------|------|
| Course Group Name | Credit Hours | Courses in Group | |
| Core SPCH | 3 | | |
| Public Speaking | | SPCH | 1315 |
| Interpersonal Communication | | SPCH | 1318 |
| Teamwork and Group Communication | | SPCH | 2333 |
| Core S/BS | 3 | | |
| Cultural Anthropology | | ANTH | 2351 |
| Principles of Macroeconomics | | ECON | 2301 |
| Principles of Microeconomics | | ECON | 2302 |
| Intro to Human Dimensions and Recreation | | FORS | 2351 |
| World Regional Geography | | GEOG | 1303 |
| Survey of Mass Communication | | MCOM | 1307 |
| General Psychology | | PSYC | 2301 |
| Introduction to Sociology | | SOCI | 1301 |
| Core LPC | 3 | | |
| Literary Genres | | ENGL | 2335 |
| Introduction to Mythology | | ENGL | 2309 |
| British Literature to 1800 | | ENGL | 2322 |
| British Literature from 1800 | | ENGL | 2323 |
| American Literature to 1865 | | ENGL | 2327 |
| American Literature from 1865 | | ENGL | 2328 |
| World Literature to 1650 | | ENGL | 2332 |
| World Literature from 1650 | | ENGL | 2333 |
| Introduction to Literature | | ENGL | 2341 |
| Western Civilization I | | HIST | 2311 |
| Western Civilization II | | HIST | 2312 |
| World Civilizations I | | HIST | 2321 |
| World Civilizations II | | HIST | 2322 |
| Introduction to Philosophy | | PHIL | 1301 |
| Introduction to World Religions | | PHIL | 1304 |
| Introduction to Ethics | | PHIL | 2306 |
| Core CA | 3 | | |
| Art Appreciation | | ARTS | 1301 |
| Art History I (Prehistoric to the 14th century) | | ARTS | 1303 |
| Art History II (14th Century to the present) | | ARTS | 1304 |
| Dance Appreciation | | DANC | 2303 |
| Theatre Appreciation | | DRAM | 1310 |
| Film and Culture | | DRAM | 2366 |
| Intro to Music Literature | | MUMH | 1307 |
| Music Appreciation | | MUSI | 1306 |