

| GENERAL EDUCATION (37 hrs) | | credits | COMMENTS |
|-----------------------------------|--|---------|-----------------|
| WRIT 101 | Writing I | 3 | |
| WRIT 102 | Writing II | 3 | |
| | | | |
| CHEM 105 | General Chemistry I | 3 | |
| CHEM 115 | General Chemistry Laboratory I | 1 | |
| CHEM 106 | General Chemistry II | 3 | |
| CHEM 116 | General Chemistry Laboratory II | 1 | |
| | | | |
| PHYS 211 | Physics for Science & Engineering I | 3 | |
| PHYS 221 | Lab Physics for Science & Engineering I | 1 | |
| PHYS 212 | Physics for Science & Engineering II | 3 | |
| PHYS 222 | Physics for Science & Engineering II | 1 | |
| | | | |
| MATH 261 | Unified Calculus & Analytic Geometry I | 3 | |
| MATH 262 | Unified Calculus & Analytic Geometry II | 3 | |
| MATH 263 | Unified Calculus & Analytic Geometry III | 3 | |
| MATH 264 | Unified Calculus & Analytic Geometry IV | 3 | |
| MATH 353 | Elementary Differential Equations | 3 | |

37

| ENGINEERING CORE COURSES (24 hrs) | | |
|--|---|---|
| CSCI 251 | Programming for Engineering and Sciences | 3 |
| ENGR 207 | Engineering Graphics | 1 |
| ENGR 309 | Statics | 3 |
| ENGR 310 | Engineering Analysis I | 3 |
| ENGR 313 | Introduction to Materials Science | 3 |
| ENGR 321 | Thermodynamics | 3 |
| ENGR 330 | Engineering Systems Analysis and Design | 3 |
| ENGR 362 | Introductory Electric Circuit Theory | 3 |
| ENGR 363 | Introductory Electric Circuit Laboratory | 1 |
| ENGR 400 | Leadership and Professionalism in Engineering | 1 |

24

| ENGINEERING ELECTIVES (9 hrs) | | |
|--------------------------------------|--|---|
| | | 3 |
| 2XX | | 3 |
| 3XX | | 3 |

9

| PRE-MED EMPHASIS COURSES (33-34 hrs) | | |
|---|--|--------|
| BISC 160 | Biological Sciences I | 3 |
| BISC 161 | Biological Sciences I Laboratory | 1 |
| BISC 162 | Biological Sciences II | 3 |
| BISC 163 | Biological Sciences II Laboratory | 1 |
| CHEM 221 | Elementary Organic Chemistry I | 3 |
| CHEM 222 | Elementary Organic Chemistry II | 3 |
| CHEM 225 | Elementary Organic Chemistry Laboratory I | 1 |
| CHEM 226 | Elementary Organic Chemistry Laboratory II | 1 |
| 200+ level | CHEM, BISC, or PSY | 5 to 6 |
| 300+ level | CHEM, BISC, or PSY | 12 |

33

| SS/H/FA COURSES (24 hrs) | | |
|---------------------------------|--|---|
| Soc Science | | 3 |
| Soc Science | | 3 |
| Humanities | | 3 |
| Fine Arts | | 3 |
| Hum/FA | | 3 |
| SS/H/FA | | 3 |
| SS/H/FA/Gen Ed | | 3 |
| SS/H/FA/Gen Ed | | 3 |

24

TOTOAL HOURS = 124