

Bachelor of Science - **COMPUTER ENGINEERING**
SUGGESTED COURSE SEQUENCE

FRESHMAN YEAR

| <u>First Semester</u> | | <u>Second Semester</u> | |
|-----------------------|----|------------------------|----|
| ENGL 101 | 3 | ENGL 102 | 3 |
| ENGR 110 | 3 | ENGE 201 | 3 |
| MATH 131 | 4 | MATH 132 | 4 |
| EVAN 101 | 2 | BIBL 110 or ^210 | 3 |
| BIBL 105 or ^205 | 3 | PHYS 231 | 4 |
| GNEC 101 | 1 | GNEC 102 | 1 |
| TOTAL | 16 | TOTAL | 18 |

SOPHOMORE YEAR

| | | | |
|----------|----|--------------------------------------|----|
| COMS 101 | 3 | MATH 334 | 3 |
| MATH 231 | 4 | HIUS 221 or 222 or HIEU 201 or 202 | 3 |
| MATH 250 | 3 | CSCI 111 | 3 |
| PHYS 232 | 4 | ENGE 212 | 4 |
| ENGE 211 | 4 | ENGL 201, 202, 215, 216, 221, or 222 | 3 |
| CSER | 0 | CSER | 0 |
| TOTAL | 18 | TOTAL | 16 |

JUNIOR YEAR

| | | | |
|----------|----|---|----|
| ENGR 210 | 3 | HUMN 101, THEA 101, or ARTS 105, or MUSC 103 | 3 |
| ENGR 270 | 3 | Technical Elective | 3 |
| ENGC 301 | 3 | ENGE 341 | 3 |
| ENGE 321 | 4 | THEO 201 | 3 |
| CSCI 112 | 3 | ENGR 381 | 3 |
| CSER | 0 | MATH 350 | 3 |
| TOTAL | 16 | CSER | 0 |
| | | TOTAL | 18 |

SENIOR YEAR

| | | | |
|--------------------|----|--------------------|-------|
| Technical Elective | 3 | CRST 290 | 2-3 |
| ENGC 401 | 3 | ENGE 361 | 3 |
| ENGR 481 | 3 | ENGE 465 | 3 |
| ENGI 220 | 3 | ENGR 482 | 3 |
| THEO 202 | 3 | ENGC 495 | 1-6 |
| CSER | 0 | Technical Elective | 3 |
| TOTAL | 15 | CSER | 0 |
| | | TOTAL | 15-21 |

^Options available to Honors students

GRADUATION REQUIREMENTS for B.S. in Computer Engineering

132 Total Hours

1. 35 hours of upper level (300/400 courses)
2. 30 semester hours completed at Liberty
3. 50% of the major and the minor must be completed at Liberty

Cumulative GPA must be 2.0 or higher

4. Must have a "C" or above in upper-level courses in the major
5. Must have an overall average of "C" in the major

Christian/Community Service Assignments

6. GNEC 101 & 102 must be completed by all freshmen and transfer students within the first and second semesters of a student's program. This is the Christian/Community Service (CSER) requirement for the first year at Liberty. After completing GNEC 101 & 102, students may choose a CSER from the 200, 300, 400, or 500 series.