

Name \_\_\_\_\_ ID \_\_\_\_\_

**GENERAL EDUCATION REQUIREMENTS** (53 hours)  
**ALL GENERAL EDUCATION COURSES MUST BE CHOSEN FROM THE LIST OF "APPROVED RESIDENTIAL GENERAL EDUCATION & INTEGRATIVE COURSES."** ([www.liberty.edu/gened](http://www.liberty.edu/gened))

**FOUNDATIONAL STUDIES** (17 hours)  
**MUST** be completed within the first 45 hours of a student's program.  
Transfer students must complete within their first year at Liberty.

Course	Hrs.	Sem. Taken	Grade
ENGL 101 Composition and Rhetoric	3	_____	_____
ENGL 102 Composition and Literature	3	_____	_____
COMS 101 Speech Communication	3	_____	_____
MATH 131 Calculus/Analytic Geometry I	4	_____	_____
GNEC 101 Contemporary Issues I	1	_____	_____
GNEC 102 Contemporary Issues II	1	_____	_____
EVAN 101 Evangelism and Christian Life	2	_____	_____

Technology Competency Sem. Passed \_\_\_\_\_

**INVESTIGATIVE STUDIES** (36 hours)

ENGL 201, 202, 215, 216, 221, or 222	3	_____	_____
PHYS 231 University Physics I	4	_____	_____
PHYS 232 University Physics II	4	_____	_____
HIUS 221 or 222 or HIEU 201 or 202	3	_____	_____
ENGR 270 Technical Writing for Engineers	3	_____	_____
HUMN 101, THEA 101, VCAR 105, or MUSC 103	3	_____	_____
MATH 132 Calculus/Analytic Geometry II	4	_____	_____
THEO 201 Theology Survey I	3	_____	_____
THEO 202 Theology Survey II	3	_____	_____
BIBL 105 Old Testament Survey OR ^BIBL 205 Old Testament Life/Literature	3	_____	_____
BIBL 110 New Testament Survey OR ^BIBL 210 New Testament Life/Literature	3	_____	_____

^Options available to Honors students

**MAJOR: SOFTWARE ENGINEERING** (52-57 hours)

Course	Hrs.	Sem. Taken	Grade
CSCI 110 Computing Foundations/Ethics	3	_____	_____
CSCI 111 Intro. to Programming	3	_____	_____
CSCI 112 Advanced Programming	3	_____	_____
CSCI 215 Algorithms and Data Structures	3	_____	_____
ENGS 205 Professionalism in the Software Life Cycle	3	_____	_____
ENGI 220 Engineering Economy	3	_____	_____
ENGS 361 Software Requirements Analysis	3	_____	_____
ENGS 362 Software Design/Architecture	3	_____	_____
ENGS 363 Software Testing and Quality Assurance	3	_____	_____
ENGS 375 Introduction to Human Computer Interaction	3	_____	_____
ENGS 405 Secure Software Engineering	3	_____	_____
CSCI 434 Theory of Programming Languages	3	_____	_____
ENGS 481 Senior Capstone Projects I	3	_____	_____
ENGS 482 Senior Capstone Projects II	3	_____	_____
ENGS 495 Directed Research	1-6	_____	_____
CSCI 325, 342, 355, or 443	3	_____	_____
CSCI 325, 342, 355, or 443	3	_____	_____
CSCI 325, 342, 355, or 443	3	_____	_____

**TECHNICAL ELECTIVES** (9 hours minimum from list of Approved Engineering Courses)

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**LAB SCIENCE** (4 hours)

BIOL 101/103, 102/104, 200, or CHEM 121	4	_____	_____
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**QUANTITATIVE STUDIES** (12 hours)

ENGR 210 Probability/Statistical Methods	3	_____	_____
MATH 250 Intro. to Discrete Mathematics	3	_____	_____
MATH 321 Linear Algebra OR MATH 334 Differential Equations	3	_____	_____
MATH 350 Discrete Mathematics	3	_____	_____

**GRADUATION REQUIREMENTS** (2 hours minimum)

CRST 290 History of Life	2-3	_____	_____
FRSM 101 Freshman Seminar	REQ.	_____	MET _____

**TOTAL** – 132 hours minimum required. (Of this total, at least 40 hours must be 300-400 level.)