LIBERTY UNIVERSITY

School of Engineering and Computational Sciences
Degree Completion Plan (DCP)

B.S. in
Electrical Engineering: Intelligence

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)

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	_____	_____
GNED 101 Contemporary Issues I	1	_____	_____
GNED 102 Contemporary Issues II	1	_____	_____
EVAN 101 Evangelism and Christian Life	2	_____	_____

Technology Competency   Sem. Passed _____

INVESTIGATIVE STUDIES (36 hours)

Course	Hrs.	Sem. Taken	Grade
ENGL 201, 202, 215, 216, 221, or 222	3	_____	_____
PHYS 231 University Physics I	4	_____	_____
PHYS 232 University Physics II	4	_____	_____
GOVT 220 American Government	3	_____	_____
ENGR 270 Technical Writing for Engineers	3	_____	_____
HUMN 101, THEA 101, ARTS 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: ELECTRICAL ENGINEERING (53-58 hours)

Course	Hrs.	Sem. Taken	Grade
CSCI 111 Intro. to Programming	3	_____	_____
ENGR 110 Introduction to Engineering/ Problem Solving	3	_____	_____
ENGE 201 Intro. to Logic Design	3	_____	_____
ENGE 211 Intro. to Electrical Circuits	4	_____	_____
ENGE 212 AC Circuit Analysis	4	_____	_____
ENGI 220 Engineering Economy	3	_____	_____
ENGE 311 Signals and Systems	3	_____	_____
ENGE 321 Electronics	4	_____	_____
ENGE 331 Electromagnetic Fields	4	_____	_____
ENGE 341 Communications Systems	3	_____	_____
ENGE 361 Computer Architecture	3	_____	_____
ENGR 381 Engineering Design Intro.	3	_____	_____
ENGE 351 Power Systems OR ENGE 431 Electromagnetic Compatibility OR ENGE 465 Intro. To Computer Networks	3	_____	_____
ENGE 421 Advanced Electronics	3	_____	_____
ENGR 481 Engineering Design I	3	_____	_____
ENGR 482 Engineering Design II	3	_____	_____
ENGE 495 Directed Research	1-6	_____	_____

INTELLIGENCE COGNATE: Government Studies (12 hours)

Course	Hrs.	Sem. Taken	Grade
GOVT 380 Introduction to Intelligence	3	_____	_____
GOVT 381 Intelligence Analysis	3	_____	_____
GOVT 480 Terrorism	3	_____	_____
GOVT 483 Military Intelligence OR GOVT 484 Strategic Intelligence	3	_____	_____

QUANTITATIVE STUDIES (16 hours)

Course	Hrs.	Sem. Taken	Grade
ENGR 210 Probability/Statistical Methods	3	_____	_____
MATH 231 Calculus/Analytical Geom. III	4	_____	_____
MATH 250 Intro. To Discrete Mathematics	3	_____	_____
MATH 321 Linear Algebra	3	_____	_____
MATH 334 Differential Equations	3	_____	_____

GRADUATION REQUIREMENTS (2 hours minimum)

Course	Hrs.	Sem. Taken	Grade
CRST 290 History of Life	2-3	_____	_____
FRSM 101 Freshman Seminar	REQ.____	MET____	

All Christian/Community Service requirements must be satisfied before a degree will be awarded.

TOTAL – 136 hours minimum required. (Of this total, at least 51 hours must be 300-400 level.)

12/1/2011