

Division of Liberal Arts and Life Sciences Bachelor of Arts (BA) in Information Technology (2013-2014)

Name: _____

ID #: _____

This plan is an unofficial document used for advisement and graduation processing only. * Denotes a "Double-Dip" major-core course.

General (Core) Requirements		
___ ENGL 1313D- Computer Assisted College Writing I	3 hours	_____
___ ENGL 1323D- Computer Assisted College Writing II	3 hours	_____
___ *Mathematics	3 hours	_____
___ *Natural Science	3 hours	_____
___ *Natural Science	3 hours	_____
___ Visual and Performing Arts	3 hours	_____
___ Humanities	3 hours	_____
___ HIST 2610D- US History to 1865	3 hours	_____
___ HIST 2620D- US History from 1865-Present	3 hours	_____
___ PSCI 1040D- American Government: Laws & Institutions	3 hours	_____
___ PSCI 1050D- American Government: Process & Policies	3 hours	_____
___ Social and Behavioral Sciences	3 hours	_____
___ Discovery	3 hours	_____
___ *Capstone (CSCE4905D)	3 hours	_____
Foundation Requirements		
___ TECM 2700D- Technical Writing	3 hours	_____
___ *MATH 1710D- Calculus I	3 hours	_____
___ MATH 1680D- Elementary Probability and Statistics	3 hours	_____
Science Requirements		
<i>Select Two Courses: (8 hours):</i>		
___ *CHEM 1410/1430D- General Chemistry I	3/1 hours	_____
___ *PHYS 1710/1730D-Mechanics	3/1 hours	_____
Major Requirements		
___ CSCE 1030D- Computer Science I	4 units	_____
___ CSCE 1040D- Computer Science II	3 units	_____
___ CSCE 2100D- Foundations in Computer Science I	3 units	_____
___ CSCE 2110D- Foundations in Computer Science II	3 units	_____
___ CSCE 3220D- Human Computer Interfaces	3 units	_____
___ CSCE 3420D- Internet Programming	3 units	_____
___ CSCE 3055D- IT Project Management	3 units	_____
___ CSCE 3530D- Intro to Computer Networks	3 units	_____
___ CSCE 3600D- Systems Programming	3 units	_____
___ CSCE 4010D- Engineering Ethics	2 units	_____
___ CSCE 4350D- Intro to Database Systems Design	3 units	_____
___ CSCE 4444D- Software Engineering	3 units	_____
___ CSCE 4550D- Intro to Computer Security	3 units	_____
___ CSCE 4905D- Capstone I	3 units	_____
___ CSCE 4925D- Capstone II	3 units	_____
Concentration & Supporting Field Requirements		
Choose one of the following See advisor for additional options		
Mathematics		
___ CSCE 2610D- Computer Organization	3 units	_____
___ CSCE 3110D- Data Structures & Algorithms	3 units	_____
___ CSCE 4110D- Algorithms	3 units	_____
___ MATH 1720D- Calculus II	3 units	_____
___ MATH 2700D- Linear Algebra/Geometry	3 units	_____
___ MATH 3000D- Real Analysis I	3 units	_____
___ MATH 3350D- Intro to Numerical Analysis	3 units	_____
___ MATH 3410D- Differential Equations I	3 units	_____
___ MATH 3510D- Intro to Abstract Algebra	3 units	_____
Business		
___ CSCE 3520D- Data Communications	3 units	_____
___ CSCE 4310D- Intro to Artificial Intelligence	3 units	_____
___ CSCE 4560D- Secure Electronic Commerce	3 units	_____
___ CSCE 3110D- Data Structures & Algorithms	3 units	_____
___ ACCT 2010D- Accounting Principles I	3 units	_____
___ ACCT 2020D- Accounting Principles II	3 units	_____
___ FINA 3770D- Finance	3 units	_____
___ MGMT 3720D- Organizational Behavior	3 units	_____
___ MKTG 3650D- Foundations of Marketing	3 units	_____