THIS IS A WORKSHEET ONLY AND REPRESENTS THE REQUIREMENTS IN EFFECT AT THE TIME CREATED.
MAJOR REQUIREMENTS AND OFFERINGS MAY CHANGE AT THE DISCRETION OF THE DEPARTMENT

Advisor: _____

Name: _____
Catalog: <u>2009 – 2010 (corrected 4/16/10)</u>

Minimum graduation credits: 124
Minimum gpa in major: _____

Transfer credits: _____

COMPUTER SCIENCE

CORE REQUIREMENTS
MINIMUM OF 20 CREDITS AT GORDON

COMMON COURSES (36 credits)
COR 107	The Great Conversation	4	____
BCM 101	Old Testament	4	____
BCM 103	New Testament	4	____
PHI 118	The Examined Life	4	____
HIS 121	Historical Perspectives	4	____
NSM 202	Scientific Enterprise	4	____
BCM 280	Christian Theology	4	____

FOREIGN LANGUAGE
___ ___ (First semester language) 4 ____
___ ___ (Second semester language) 4 ____

PHYSICAL EDUCATION
PED ___ LaVida or Discovery 0 ____
 (Concepts of Wellness by petition only)
PED ___ (PE Activity) 0 ____
PED ___ (PE Activity) 0 ____

THEMATIC COURSES (20 credits)
At least one must be fulfilled with an approved literature course; minimum 3 courses at Gordon.

Natural World
___ ___ _____ 4 ____
Can be fulfilled with MAT134 or MAT141

Human Person
___ ___ _____ 4 ____

Aesthetic Sensibilities
___ ___ _____ 4 ____

Civic Responsibility
___ ___ _____ 4 ____

Gobal Understanding*
___ ___ _____ 0-4 ____

*Global Understanding may be fulfilled in a variety of ways through study abroad, approved missions trips, or appropriate courses.

COURSES IN MAJOR

REQUIRED COURSES
CPS121	Intro to Programming	4	____
CPS122	Obj-Oriented Soft Devpt	4	____
CPS221	Software Systems	4	____
CPS222	Comp Structures & Algor	4	____
CPS311	Comp Organization	4	____
CPS320	Models of Computation	4	____
CPS403	Comp and Society	2	____
CPS491	Software Engineering Project I	2	____
CPS492	Software Engineering Project II	2	____
MAT230	Discrete Math	4	____
MATxxx	(Survey of Calc or Calc I)	4	____

One of:
MAT232	Linear Algebra **OR**	4	____
MAT318	Probability **OR**	4	____
MAT338	Number Theory	4	____

Comp Sci Elect (12 credits)
CPS 3xx _____ __ ____
CPS 3xx _____ __ ____
CPS 3xx _____ __ ____
CPS 3xx _____ __ ____
CPS 3xx _____ __ ____
CPS 3xx _____ __ ____

Honors in Computer Science – see dept faculty

CPS 381 Independent Study 2-4 ____

ELECTIVES – If required to reach 124 minimimum

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