Student Name: _____

Student ID#: _____

Study Plan for B.S.E., *COMPUTER SCIENCE* Major

(2011-12 Catalog) ***(MTH 123 Placement - 5 Year Program)***

1st Year

1st Semester: Fall____				Credits	Grade	Semester Completed
	MTH	123	Trigonometry	3		
	WRT	150	Writ Strategies	4		
*	STA	215	Intro App Stats	3		
	GE - Arts		_____	3		

2nd Semester: Winter ____				Credits	Grade	Semester Completed
*	CIS	162	Comp Sci I	4		
*	COM	201	Speech	3		
+	MTH	201	Calculus I	5		

Semester: S/S ____			Credits	Grade	Semester Completed
_____	_____	__			
_____	_____	__			
_____	_____	__			

2nd Year

3rd Semester: Fall____				Credits	Grade	Semester Completed
*	MTH	202	Calculus II	4		
*	CIS	163	Comp Sci II	4		
+	Sci Seq		_____	4		

4th Semester: Winter ____				Credits	Grade	Semester Completed
+	MTH	225	Discrete Struct I	3		
^	CIS	251	Comp Orgztn	3		
	GE - Nat Sci Lab		_____	5		
	GE - WP		_____	3		

Semester: S/S ____			Credits	Grade	Semester Completed
_____	_____	__			
_____	_____	__			
_____	_____	__			

3rd Year

5th Semester: Fall____				Credits	Grade	Semester Completed
+	MTH	325	Discrete Struct II	3		
^	CIS	263	Data Struct & Algor	3		
+	GE - Nat Sci		_____	4		
	GE-SS		_____	3		
^	CIS	290	Intern Prep	1		

6th Semester: Winter ____				Credits	Grade	Semester Completed
^	CIS	350	Intro Soft/ Engrg	3		
^	CIS	457	Data Commun	4		
^	CIS	353	Database	3		
	GE - Hist		_____	3		

Semester: S/S ____			Credits	Grade	Semester Completed
_____	_____	__			
_____	_____	__			

4th Year

7th Semester: Fall____				Credits	Grade	Semester Completed
^	CIS	451	Comp Architecture	4		
*	WRT	350	Bus Commun	3		
	GE-SS		_____	3		
	GE - Theme		_____	3		

Semester: Winter ____				Credits	Grade	Semester Completed
^	CIS	343	Struct of Prog Langs	3		
^	CIS	452	Op Sys Concepts	4		
	GE - US		_____	3		
	GE - P & L		_____	3		

8th Semester: S/S ____	Credits	Grade	Semester Completed

5th Year

Semester: Fall____			Credits	Grade	Semester Completed
CIS	Elec	_____	4		
CIS	Elec	_____	4		
GE - Theme		_____	3		
_____			__		

9th Semester: Winter ____				Credits	Grade	Semester Completed
^	CIS	490	Internship	2-5		
	CIS	Elec	_____	4		
	_____			__		
	_____			__		

10th Semester: S/S ____	Credits	Grade	Semester Completed

PCEC Student Services: (616)331-6025

* Technical Core

\+ Cognate (includes technical core classes COM 201, STA 215, MTH 225, WRT 350)
(GE - Natural Science classes are part of the 12-hour science sequence)

^ Major Core (includes technical core classes CIS 162, CIS 163 and CIS Electives)

Notes:

CIS 490 is not *required* in S/S, but is frequently completed during S/S.

Secondary Admissions Criteria:

- A GPA of 2.7 or above in the Engineering Foundation courses

- Completion of each course in the Engineering Foundation with a grade of C (2.0) or above, with no more than one repeat

- Completion of preparation for placement in the cooperative engineering education, EGR 289