Student Name: _____

Student ID#: G_____   **Minor:** _____

Study Plan for B.S., _INFORMATION SYSTEMS_ Major

(2019-20 Catalog) *(MTH 110 Placement - 4 Year Program)*

1st Year

1st Semester: Fall____

			Credits	Grade	Semester Completed
MTH	110	Algebra	4	_____	_____
WRT	150	Writ Strategies	4	_____	_____
* COM	201	Speech	3	_____	_____
CIS	150	Intro to Computing	3	_____	_____

2nd Semester: Winter ____

			Credits	Grade	Semester Completed
* STA	215	Intro App Stats	3	_____	_____
* CIS	162	Comp Sci I	4	_____	_____
* MTH	125	Survey of Calculus	3	_____	_____
GE - SBS			3	_____	_____
GE - P & L		_____	3	_____	_____

Semester: S/S ____

		Credits	Grade	Semester Completed
_____	_____	__	_____	_____
_____	_____	__	_____	_____
_____	_____	__	_____	_____

2nd Year

3rd Semester: Fall____

			Credits	Grade	Semester Completed
ACC	212	Financial Acc	3	_____	_____
* CIS	260	Visual Basic	4	_____	_____
MGT	268	Intro to MGT IS	3	_____	_____
! CIS	230	H/ware & S/ware	3	_____	_____
GE - Hist		_____	3	_____	_____

4th Semester: Winter ____

			Credits	Grade	Semester Completed
ACC	213	Managerial Acc	3	_____	_____
CIS	333	D/base Mgt & Imp	3	_____	_____
+ CIS	163, 241, 253, or 371		3/4	_____	_____
CIS	238	I/net Media & Prog	3	_____	_____
@ CIS	290	Internship Prep	3	_____	_____

Semester: S/S ____

		Credits	Grade	Semester Completed
GE - GP	_____	3	_____	_____
_____	_____	__	_____	_____

3rd Year

5th Semester: Fall____

			Credits	Grade	Semester Completed
BUS	201	Legal Envir for Bus	3	_____	_____
CIS	337	N/work Sys Mgt	3	_____	_____
MGT	331	Concepts of Mgt	3	_____	_____
MKT	350	Mktg Mgt	3	_____	_____
* WRT	350	Bus Comm (SWS)	3	_____	_____

6th Semester: Winter ____

			Credits	Grade	Semester Completed
CIS	330	Sys Analysis & Des	3	_____	_____
% CIS		Track Elec.	3/4	_____	_____
$ ECO	210/211	Intro Macro/Microeco	3	_____	_____
GE - Nat Sci Lab course		_____	4/5	_____	_____
GE - Issue		_____	3	_____	_____

Semester: S/S ____

			Credits	Grade	Semester Completed
^ CIS	490	Internship	2-5	_____	_____
_____		_____	__	_____	_____

4th Year

7th Semester: Fall____

			Credits	Grade	Semester Completed
CIS	450	IS Project Mgt	3	_____	_____
CIS	460	Mgt of IS	3	_____	_____
% CIS		Track Elec. _____	3/4	_____	_____
GE - Nat Sci non-lab		_____	3/4	_____	_____
GE - Arts		_____	3	_____	_____

8th Semester: Winter ____

			Credits	Grade	Semester Completed
% CIS		Track Elec. _____	3/4	_____	_____
CIS	463	IS Project	3	_____	_____
FIN	320	Managerial Fin	3	_____	_____
GE - Issue		_____	3	_____	_____
GE - US		_____	3	_____	_____

Semester: S/S ____

		Credits	Grade	Semester Completed
_____	_____	__	_____	_____
_____	_____	__	_____	_____

PCEC Student Services: (616)331-6025

*   Technical Core (CIS 162, CIS 260, MTH 125, STA 215, COM 201)
    Cognate = bus. classes + these technical core classes: COM 201, STA 215, MTH 125, WRT 350

+   Select either CIS 163, CIS 241, CIS 253, or CIS 371 for **core** - *Be aware of prerequisites*
    Software Track: Must select 2 different courses than that taken for the core.

@   Technical core must be completed prior to registering for CIS 290.

$ ECO 210 or 211 satisfies the 2nd SBS GenEd requirement

^   Internship can be completed any semester after taking CIS 290

!   It is to the student's benefit to take this course during the recommended semester

<u>Secondary Admissions Criteria:</u>
- A GPA of 2.5 or above in all GVSU coursework

- Completion of each course in the Technical Core with a grade of C (2.0) or above, **_with no more than one repeat_**

- Avg GPA of 2.5 or above in Technical Core

%   **Network Management and Security Track (3 courses):**
     1) Choose 1: CIS 338 WAN Egr or CIS 375 Wireless Network
     2) Fall Semester: CIS 458 Systems Security
     3) Fall or Winter Semester: CIS 437 Distributed Computing

Software Track (3 courses):
     1) Choose 2: CIS 163, 241, 253 or 371 (Must be different than core selection)
     2) Fall or Winter Semester: CIS 443 Software Development Tools

Data Analysis (3 courses)
     1) Fall Semester: CIS 331 Data Analysis Tools and Techniques
     2) Winter Semester: CIS 335 Data Mining
     3) Fall or Winter Semester: CIS 231 Problem Solving Using Spreadsheets

IS Specialization (3 courses)
     1) A list of 9 credit hours to customize a concentration in specialized areas to complement the student's program goals. The selection of this option and a list of three courses must be approved prior to courses being taken in the track. (Courses in the core cannot be counted again in this IS Specialization Track.)