

Student: \_\_\_\_\_  
 ID #: \_\_\_\_\_  
 Phone: \_\_\_\_\_

Adviser: \_\_\_\_\_  
 Catalog Yr: \_\_\_\_\_  
 Date: \_\_\_\_\_

### GENERAL EDUCATION

G.E. Requirement: 51 semester units minimum to include 12 upper-division semester units.

*Comp*

#### Area A

- A1 Oral Communication ( )
- A2 Written Communication ( )
- A3 Critical Thinking ( )

#### Area B

12 semester units minimum including 3 upper division. One course is required in each sub area.

- B1 Physical Science: **Phys 2A required** ( )
- B2 Life Science ( )
- B4 Quantitative Reasoning ( )

#### Area C

12 semester units minimum including 3 units upper division.

Select one course from C1, C2, and IC plus one additional course from either C1 or C2.

- C1 Arts ( )
- C2 Humanities ( )
- C1/C2 One Additional Course from C1 or C2 ( )

#### Area D

15 semester units minimum including 6 units upper division. One course is required in each sub-area.

- D1 American History ( )
- D2 American Government ( )
- D3 Social Science: **IT 20 required** ( )

#### Area E

3 semester units minimum

- E1 Lifelong Understanding and Self-Development ( )

#### UPPER DIVISION G.E.

- IB Integration, Area B ( )
- IC Integration, Area C ( )
- ID Integration, Area D ( )
- M/I Multicultural/International ( )

**GE TOTAL (51)**

\* Area A2 (Engl 1) must be completed before enrolling in area C or D Breadth courses.

\* Area B4 (Quantitative Methods) must be completed before enrolling in a Breadth B1 course.

\* All of Foundation (A1, A2, A3 and B4) must be completed before enrolling in any upper division GE course.

### MAJOR REQUIREMENTS (2012–2013)

#### Technical Core (32)

		<i>Req</i>	<i>Comp</i>
IT 52	Electricity and Electronics	3	( )
IT 74	Manufacturing Processes	3	( )
IT 102	Ind Computer Concepts+Apps	3	( )
IT 104	Product Design	3	( )
IT 106	Energy Conversion and Utilization	3	( )
IT 114	Industrial Materials	3	( )
IT 115	Design & Documentation Systems	3	( )
IT 196	Senior Seminar	1	( )
IT 199	Senior Problems	3	( )
DS 73	Statistics	3	( )
Chem 3A	Intro to General Chemistry	4	( )

#### Management Core (21)

IT 92	Industrial Safety Management	3	( )
IT 107	Facility Planning	3	( )
IT 117	Quality Assurance	3	( )
IT 118	Production Operations	3	( )
IT 137	International Quality Standards	3	( )
IT 148	Proj Mgt and Control	3	( )
IT 184	Advanced Manufacturing Technology	3	( )

**MAJOR TOTAL (53)**

#### Electives

Consult department advisors to develop.

_____	( )
_____	( )
_____	( )
_____	( )
_____	( )

**ELECTIVES TOTAL (15)**

#### Additional Requirement (1)

IT 198W	Technical Writing	( )
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Students must pass the upper-division writing exam or complete IT 198W with a grade of "C" or higher (to be taken no sooner than the term in which 60 units are completed).

**GE (51); Major (53); Electives (15)**

**Total Units for BSIT = 120**