

**College of Basic and Applied Sciences
Upper Division Form 2020-2021 Catalog**

Student name _____ Student # _____
 Major **Computer Science** Minor _____
 Concentration **Business Applications** E-mail _____

Instructions: For students graduating in Summer 2020 or later. One (1) copy signed by major and minor advisors should be filed in the Graduation Analyst's office in DSB 120 three semesters prior to graduation. An Intent to Graduate form must be submitted with this form.

General Education	Course	Semester	Grade	Prerequisites	Credit Hours
COMMUNICATION (9 hours)	ENGL 1010			Must earn C- or higher	3
	ENGL 1020			Must earn C- or higher	3
	COMM 2200			Must earn C (2.0) or higher	3
HISTORY (6 hours) Choose two: HIST 2010, HIST 2020, HIST 2030					3
					3
HUMANITIES AND/OR FINE ARTS (9 hours) Choose one: ENGL 2020, 2030 or HUM 2610. Choose two different subjects: ANTH 2210, ART 1030, or 1920, DANC 1000, HIST 1010, 1020, 1110 or 1120, MUS 1030, PHIL 1030, THEA 1030				Literature: ENGL 1010, ENGL 1020	3
					3
					3
MATHEMATICS (3 hours) Choose one: MATH 1010, 1530, 1630, 1710, 1720, 1730, 1810, 1910				MATH 1910 is required for major	3
NATURAL SCIENCES (8 hours) Choose two different subjects: ASTR 1030/1031, BIOL 1030/1031, BIOL 1110/1111, BIOL 2010/2011, BIOL 2020/2021, CHEM 1010/1011, CHEM 1030/1031, CHEM 1110/1111, GEOL 1030/1031, GEOL 1040/1041, PGEO 1030, PHYS 1110, PHYS 2010/2011, PHYS 2110/2111, PSCI 1030/1031, PSCI 1130/1131					4
					4
SOCIAL/BEHAVIORAL SCIENCES (6 hours) Choose two different subjects: AAS 2100, ANTH 2010, ECON 2410, ECON 2420, GEOG 2000, GS 2010, HLTH 1530/1531, PS 1010 or PS 1005, PSY 1410, RS 2030, SOC 1010 or 2010, WGST 2100, EMC/JOUR/RIM 1020					3
					3
Hours Required					41

Major Courses - Must have a C (2.0) or better in all major courses	Course	Semester	Grade**	Prerequisites/Notes	Credit Hours
Computer Science Colloquium	CSCI 1010				1
Computer Science I	CSCI 1170			MATH 1730 or 1810 with a C (2.0) or higher, ACT MATH of 26, or Calculus Placement test with satisfactory score	4
Computer Science II	CSCI 2170			CSCI 1170 and eligibility for MATH 1910	4
Discrete Structures	CSCI 3080			CSCI 1170, MATH 1910	3
Algorithms & Data Structures	CSCI 3110			CSCI 2170; co-req CSCI 3080	3
Assembly & Computer Organization	CSCI 3130			CSCI 2170	4
Introduction to Computer Systems	CSCI 3240			CSCI 3130	4
Web Technologies	CSCI 4410			CSCI 3080, CSCI 3110; Spring only	3
Data Base Management Systems	CSCI 4560			CSCI 3080, CSCI 3110; Fall only	3
Software Engineering	CSCI 4700			CSCI 3080, CSCI 3110, COMM 2200	3
CSCI Elective				High-level language; CSCI 3110 or consent of instructor	3
Upper Division CSCI Elective				See undergraduate catalog	3
Upper Division CSCI Elective				See undergraduate catalog	3
Upper Division CSCI Elective				See undergraduate catalog	3
Hours Required					44

Supporting and Elective Courses				
Course	Semester	Grade	Notes	Credit Hours
Math 1910			Pre-req: MATH 1730 with a C (2.0) or higher, ACT MATH of 26, Calculus Placement test with satisfactory score; must earn a grade of C (2.0) or higher. Credits can count in general education	0-4
Math 1920			Pre-req: MATH 1910 with a C(2.0) or higher	4
Math 2050			Pre-req: MATH 1910 with a C(2.0) or higher	3
Math elective:			Must be a course for math majors, i.e. MATH 2010, MATH 3120, MATH 3180, MATH 3460, MATH 4602	3
PHIL 3170 Ethics and Computing Technology				3
Elective Courses – 2-3 additional credits needed to reach 120 required for graduation; 36 total credits must be earned at 3000/4000 level				
Hours Required				16-17

Minor Option 1 – Business Administration (2.0 GPA required)				
Course	Semester	Grade	Notes	Credit Hours
INFS 2200 or 3100				3
ACTG 3000 or (2110 and 2120)				3
FIN 3000 or 3010				3
BLAW 3400 or 3430				3
MGMT 3610				3
MKT 3820				3
Hours Required				18

Minor Option 2 – Mathematics (2.0 GPA required), with additional business courses				
Course	Semester	Grade	Prerequisites/Notes	Credit Hours
Math elective:			Must earn C or higher; choose either MATH 3110 or MATH 2110 paired with another course for math majors, i.e. MATH 2010, MATH 3120, MATH 3180, MATH 3460, MATH 4602	3-4
Math elective:				0-1
ACTG 2110				3
ECON 2420				3
FIN 3000				3
MGMT 3610				3
Choose one: ACTG 2120, ACSI 4230, BLAW 3400, MGMT 3620, MKT 3820				3
Hours Required				19

1. Degrees require a minimum of 120 semester hours completed with a cumulative and major GPA of 2.0 or higher. Minimum of 36 upper-division hours (3000/4000 level) and a minimum of 50 senior college hours (earned at four-year University) also required.
2. A minimum of 12 credits must be earned at the 3000/4000 level in each major

Signed:		
	Major Advisor	Date