

## BACHELOR OF SCIENCE — INTEGRATED COMPUTER SCIENCE

Student Name: \_\_\_\_\_

WID: \_\_\_\_\_

<b>BASIC REQUIREMENTS:</b>		<b>62 hrs</b>
<b>Communication</b>		<b>8-9 hrs</b>
ENGL 100	Expository Writing I	3
ENGL 200	Expository Writing II	3
COMM 106	Public Speaking	2-3
<b>Humanities</b>		<b>11-12 hrs</b>
Fine Arts		
		3
Philosophy		
	PHILO 386 or PHILO 492	3
Western Heritage		
		3
Literary or Rhetorical Arts		
		3
<b>Social Sciences</b>		<b>12 hrs</b>
	1.	3
	2.	3
	3.	3
500-level or course w/ prerequisite		
	4.	3
<b>Natural Sciences</b>		<b>14 hrs</b>
Life Science w/ lab		
		4
Physical Science w/ lab		
		4
Life or Physical Science w/ a Pre-Requisite		
		3
General Science		
		3
<b>Quant. &amp; Abstract Formal Reasoning</b>		<b>3-9 hrs</b>
	1.	3
	2.	3
	3.	3
<b>US Multicultural Overlay</b>		<b>3 hrs</b>
	1.	3
<b>International Studies Overlay</b>		<b>3 hrs</b>
	1.	3

See your Degree Audit (DARS) for a full list of courses that can fulfill the Basic Requirements.

This document is meant as a guide for you and your advisor to use as you track progress towards degree completion and should not be viewed as an official document.

<b>ICS MAJOR REQUIREMENTS</b>		<b>62 hrs</b>
<b>Required Computer Science Courses</b>		<b>20 hrs</b>
	CC 110 Introduction to Computing	3
	CC 111 Elements of Computer Programming	1
	CC 120 Web Page Development	3
	CC 210 Fundamental Computer Programming Concepts	4
	CC 310 Data Structures & Algorithms 1	3
	CC 315 Data Structures & Algorithms 2	3
	CC 410 Advanced Programming	4
<b>Computer Science Electives</b>		<b>12 hrs</b>
	CC 510 Computer Systems Administration	3
	CC 515 Full Stack Web Development	3
	CC 520 Database Essentials	3
	CC 535 Applied Data Science	3
<b>Integration Electives</b>		<b>12 hrs</b>
		3
Digital Arts and Humanities		
	ART 330 or ENGL 326	3
Cultural Impacts of Technology		
	ANTH 204, GWSS 435, HIST 320, PSYCH 625 or CRIM 550	3
Moral Reasoning and Professional Ethics		
	PHILO 386 or PHILO 492	3
<b>Concentration</b>		<b>18 hrs</b>
	1.	3
	2.	3
	3.	3
	4.	3
	5.	3
	6.	3
<b>DAS 496 ICS Capstone Project</b>		<b>0 hrs</b>

### Integrated Computer Science Requirement Notes:

CC 120 Web Page Development is a prerequisite for CC 515.

Integration Electives: Pick one class from each area, plus a fourth of your choice. If your fourth choice is Moral Reasoning, you can also choose from PHILO 330 or PHILO 385.

All four Integration Electives may overlap with your Basic Requirements.

<b>GRADUATION REQUIREMENTS</b>	<b>120 hrs</b>
Current Semester:	
Remaining Hours:	
Remaining 300+ level Hours:	
Overall KSU GPA: (2.0 minimum needed)	

## ACADEMIC PLANNING - SAMPLE

FALL		2023
CC 110	Introduction to Computing	2
CC 111	Elements of Comp. Prog.	1
ENGL 100	Expository Writing 1	3
MATH 100	College Algebra	3
	Integration Elective (pt 1)	3
	Concentration (pt 1)	3
<b>TOTAL</b>		<b>15</b>

SPRING		
CC 210	Fund. Of Comp. Prog. Concepts	4
ENGL 200	Expository Writing 2	3
	General Science	3
	Integration Elective (pt 2)	3
	Concentration (pt 2)	3
<b>TOTAL</b>		<b>16</b>

FALL		
CC 310	Data Structures and Alg. 1	3
CC 120	Web Page Development	3
COMM 106	Public Speaking	3
STAT 325	Intro to Statistics	3
	Social Science (pt 1)	3
<b>TOTAL</b>		<b>15</b>

SPRING		
CC 315	Data Structures and Alg. 2	3
	Humanities (pt 1)	3
	Social Science (pt 2)	3
	Life Science w/ Lab	4
	Concentration (pt 3)	3
<b>TOTAL</b>		<b>16</b>

FALL		
CC 410	Advanced Programming	4
MATH 160	Intro to Contemp. Math	3
	Integration Elective (pt. 3)	3
	Humanities (pt. 2)	3
	Concentration (pt 4)	3
<b>TOTAL</b>		<b>16</b>

SPRING		
CC 515	Full Stack Web Development	3
PHILO 386	Philosophy of Comp Sci	3
	Social Science (upper level)	3
	Physical Science w/ Lab	4
	Concentration (pt 5)	3
<b>TOTAL</b>		<b>16</b>

FALL		
CC 510	Computer Systems Admin.	3
CC 535	Applied Data Science	3
	Science w/ Pre-Requisite	3
	Elective	3
	Elective	3
<b>TOTAL</b>		<b>15</b>

SPRING		
CC 520	Database Essentials	3
	Concentration (pt 6)	3
	Elective	3
	Elective	3
DAS 496	ICS Capstone Project	0
<b>TOTAL</b>		<b>12</b>

### Additional Notes:

\*This is a SAMPLE four year plan for B.S. ICS—work with your advisor to customize your academic plan. NOTE: The CC courses must be taken in this sequence, and you MUST earn a 'C' or higher in the prior course to move forward.

**ACADEMIC PLANNING**

FALL		
TOTAL		

SPRING		
TOTAL		

FALL		
TOTAL		

SPRING		
TOTAL		

FALL		
TOTAL		

SPRING		
TOTAL		

FALL		
TOTAL		

SPRING		
TOTAL		

Additional Notes: