Spring 2019
Bachelor of Science in Computer Science
Specialization in Business Systems

BGSU. COLLEGE OF **Arts** and **Sciences**

BOWLING GREEN STATE UNIVERSITY
205 Administration Building • 419-372-2015

BG Perspective (BGP) Requirements

Must complete at least 1 course in each of the following:

English Composition and Oral Communication
Course   Credits
_____   _____

Quantitative Literacy
_____   _____

Must Complete at least 2 courses in each of the following:

Humanities and the Arts
_____   _____
_____   _____

Natural Sciences
_____   _____
_____   _____

Social and Behavioral Sciences
_____   _____
_____   _____

Complete total required BGP credit hours by selecting courses from any of the above categories:

_____   _____
_____   _____
_____   _____
_____   _____

University Requirements
Designated courses in Humanities and the Arts and the Social and Behavioral Sciences domains may be used to fulfill both the BGP requirement and one of the following university requirements:

Cultural Diversity in the US   _____
International Perspective   _____

Composition Requirement:
GSW 1120 Academic Writing   _____

Total BGP Credits: Must be at least 36   _____

Arts & Sciences Requirements

Foreign Language (_____ yrs of HS_____)
_____ _____ 1010 _____
_____ _____ 1020 _____
_____ _____ 2010 _____
_____ _____ 2020/2120 _____

Lab Science
_____ _____ _____

Quantitative Literacy
_____ _____ **EITHER** MATH 1310 **OR** MATH 1340 & MATH 1350

Multidisciplinary Component Select from approved offerings, in consultation with an advisor and a faculty mentor. Four courses total, each with a different subject prefix. At least two courses at 3000/4000 level. Courses applied to the Arts & Sciences MDC may not be used to fulfill other Arts and Sciences degree requirements, nor may they be used to fulfill major, minor, BGP or other program requirements.

_____ _____ _____
_____ _____ _____
_____ _____ _____
_____ _____ _____

Major Requirements (46 Hrs.)

Hrs	Grade	
3	_____	CS 2010 Programming Fundamentals
3	_____	CS 2020 Object-Oriented Programming
3	_____	CS 2190 Computer Organization
1	_____	CS 2900 Internship (Co-Op) Preparation
3	_____	CS 3000 Professional & Societal Issues in Computing
3	_____	CS 3060 Programming Languages
3	_____	CS 3080 Operating Systems
3	_____	CS 3350 Standard Data Structures & Algorithms
3	_____	CS 3540 Introduction to Software Engineering
3	_____	CS 3900 Internship in Computer Science or 3 cr hrs of CS 3901 Internship in Computer Science
3	_____	CS 4120 Design and Analysis of Algorithms
3	_____	CS 4390 Network Architecture and Application

One CS elective from among: CS 3140, CS 3160, CS 3210, CS 3240, CS 3600, CS 3710 & CS 3720, CS 3800

____3____ _____ _____

Three 4000-level CS electives (excluding 4900), at least two at BGSU

_____ _____ _____
_____ _____ _____
_____ _____ _____

Other Requirements (30 total hours):
Mathematics (at least 15 hours) and Science

5-6	_____	MATH 1310 or both MATH 1340 & 1350
3	_____	MATH 2220 or 3220
3-6	_____	MATH 2470 or MATH 3410 or both BA 2110 & 2120
_____	_____	Choose from: MATH 2320, 3130, 3280, 3320, 3420, 3430
8-10	_____	A&S Lab Science Sequence
_____	_____	Choose from A&S approved Natural Science and Math Courses

See CS department for list of approved courses

Business Systems Requirements

3	_____	ACCT 2210 Accounting & Business I
3	_____	ACCT 2220 Accounting & Business II
3	_____	_____
3	_____	_____
3	_____	_____
3	_____	_____

See CS department for list of approved courses

Electives and Non-Credit Courses

_____ _____ _____
_____ _____ _____
_____ _____ _____
_____ _____ _____

_____   _____

Name (Print First & Last Name)   BGSU ID#

_____

Phone (Cell or Local Number)

For Graduation You Will Need:

     1. 122 credit hours minimum.

         In Progress/Completed _____   **Needed _____**

     2. Minimum GPA 2.00.

         Current GPA _____

     3. At least 30 credit hours of BGSU course work.

         In Progress/Completed _____   **Needed _____**

     4. 40 credit hours at the 3000/4000 level.

         In Progress/Completed _____   **Needed _____**

     5. Completion of all degree requirements, including the BG Perspective Core.

         In Progress/Completed _____   **Needed _____**

     6. A major, and if required, a minor, specialization or emphasis.

         Declared with the College Office   ☐ **Yes**   ☐ **No**

Any substitution or waiver of courses required for your major or minor program <u>must</u> originate in the department/school offering the major or minor and <u>must</u> be approved by the College Office.

To ensure a timely graduation, see a ***College Advisor*** during the semester prior to your intended graduation.

Remember to complete an **Application for Graduation** by the end of the second week of classes during the fall semester or spring regular session, or by the end of the first week of the summer semester. For the specific dates, check your DARS. You may log onto MyBGSU to complete the online application. After the deadlines, you will need to complete an application in person in the College Office.