



**B.S. Degree
Computer Science Major
2020/2021 Catalog**

Student Name _____
Id No _____
Previous Degree: ____ A.A. ____ A.S. ____ Bachelor's
Where/term degree earned _____

This program plan is valid only if the student registers for, and completes, a term at Brenau by summer 2021. If the student defers admission to fall 2021 or after, the student must contact the adviser to be changed to the subsequent catalog.

Women's College students must complete the GOLD Program Curriculum. The number of courses required will be based on the number of hours of transfer credit accepted.

Liberal Education:

The Liberal Education program is divided into four portals. Please see the Brenau University catalog or the Brenau University web site for a list of applicable courses for each requirement. ***If the student earned a previous degree (must be A.A., A.S., or Bachelor's Degree) from a regionally accredited institution, the Liberal Education section of the student's program is considered complete.***

World Understanding	Term	Grade	Course Number & Title
Historical Perspective (3 hrs)	_____	_____	_____
Global Awareness (3 hrs)	_____	_____	_____
Civic Engagement (3 hrs)	_____	_____	_____
Scientific & Analytic Curiosity			
Mathematics (3 hrs)	Satisfied by major course.		
Science (7-8 hrs)	Satisfied by major course.		
	Satisfied by major course.		
Reasoning (3-4 hrs)	Satisfied by major course.		
Artistic & Creative Imagination			
Fine Arts (3 hrs)	_____	_____	_____
Literature (3 hrs)	_____	_____	_____
Lifetime Fitness (3 hrs)	_____	_____	HL _____ Title: _____
<small>(Undergraduate students not enrolled in the Women's College may take HS 105 (3 hours) to satisfy this requirement.)</small>	_____	_____	DA/LS/or LF _____ Title: _____
	_____	_____	DA/LS/LF/or HL _____ Title: _____
<i>Note: For Lifetime Fitness, Women's College students must take the three, one-hour courses as outlined above. LF 199 can count as either activity (LF) or classroom (HL) P.E.</i>			
Communication & Language Fluency			
Writing (6 hrs)	_____	_____	EH 101 Written Communication EH 102 Reading & Research Writing
Speaking (3 hrs)	_____	_____	_____
Modern Language (0-3 hrs)	_____	_____	FH/or SH 102/ (or higher)
	<small>Must complete language through the high beginner level (102 or equivalent). If 101 & 102 are taken, 101 can be applied toward the Communication requirement or used as a general elective. May be placed into 102 via WebCape or exempted by competency exam (BYU FLAT test or CLEP).</small>		
Communication (3 hrs)	_____	_____	_____

Comments: _____

 _____ Needs math placement exam.
 _____ Needs English placement exam.

Program Plan Revised by: _____ Date _____

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Major: Computer Science

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Note: No grade less than “C” may be applied in the major. Students must earn a cumulative grade point average of 2.00 and a major grade point average of 2.5.

NOTES:

Lab Science Requirement:

(Choose two from the following)

- _____ _____ BY 111 Biological Science I (majors) ^{LE}
- _____ _____ BY 112 Biological Science II (majors) ^{LE}
- _____ _____ CY 121 General Chemistry I (4) ^{LE}
- _____ _____ CY 122 General Chemistry II ^{LE}
- _____ _____ PS 112 Astronomy w/ Lab ^{LE}
- _____ _____ PS 121 Gen College Physics I w/ Lab ^{LE}
- _____ _____ PS 122 Gen Coll Physics II w/ Lab ^{LE}

Major Coursework:

Term	Grade	Course # & Title
_____	_____	MS 205 Introduction to Statistics ^{LE}
_____	_____	MS 210 Calculus/Analyt Geometry ^{LE}
_____	_____	MS 240 Discrete Mathematics
_____	_____	PH 250 Ethics of Inform Techn
_____	_____	CS 115 Program/Prob Solving I
_____	_____	CS 116 Program/Problem Solv II
_____	_____	CS 211 Systems Architecture
_____	_____	CS 220 Human-Computer Interaction
_____	_____	CS 310 Algorithms/Data Structures
_____	_____	CS 312 Networking
_____	_____	CS 315 Database Systems
_____	_____	CS 320 Web/Mobile Applications
_____	_____	CS 330 Artificial Intelligence
_____	_____	CS 340 Informatics
_____	_____	CS 410 Theory of Computation
_____	_____	CS 499 Senior Capstone

Electives: Electives are not listed on the program plan by the Admissions Office, however all courses are posted to the student’s transcript. Electives needed for graduation can be calculated simply by:

Adding

The total number of hours on the student’s transcript (available in CampusWEB)

- hours earned for courses taken at the developmental level
- + courses currently registered for
- + courses still outstanding.

A minimum of 120 semester hours is required to graduate from Brenau University. After completing liberal education and major requirements, if the total number of hours on the student’s transcript is not at 120, then the student must take enough general elective hours to reach a cumulative total of 120 hours. If a course is repeated, it is the student’s responsibility to contact the Registrar’s Office to adjust the earned hours on their transcript so that they are not short hours at graduation. Due to placement, a student may graduate with more than 120 semester hours.

Note: Financial aid recipients cannot receive aid for courses repeated unnecessarily or for courses not specifically required for their degree.

Residency requirement:

A residency requirement of 31 semester hours is required to graduate from Brenau University. This includes a major residency of 21 semester hours.

This program plan is not an official document. It is a tool to assist the student and adviser in schedule planning.

^{LE} –Liberal Education course. All LE courses are noted on the plan whether satisfying a LE requirement or not.