

**MAJOR: COMPUTER SCIENCE**

Eligibility to graduate is based on the completion of all degree requirements and a minimum of 120 credits. Some majors require more than 120 credits to fulfill their degree requirements.

**Degree Summary**

<b>General Education Core Requirements</b>	<b>60-61</b>
<b>Requirements for all Computer Science Majors 52-53</b>	
<b>Minimum Required for Graduation:</b>	<b>120</b>

**B.S. General Education Core Requirements (60)**

**Biblical Education Requirements (12-18)**

*Prorated based on transfer hours accepted at point of matriculation:  
30 hrs=15 credits, 60 hrs = 12 credits  
All students are required to take BIB103, BIB105, THE205, ITC elective*

BIB103	Introduction to Biblical Literature	3
BIB105	Bible Study Methods	3
THE205	Introduction to Theology	3
ITC	Intercultural Studies Elective	3
CMI	Christian Ministry Elective	3
BIB/THE	Bible/Theology Elective	3

**6 Credits of upper division are required in the minor**

**Communications (9)**

WRI123	College Writing I	3
WRI132	College Writing II	3
COM102	Fundamentals of Speech or approved course w/ oral presentations	3

**Humanities (9)**

ENG/HUM	English Lit or HUM prefix Elective	3
PHL213	The Worldview Seminar	3
	Humanities Elective	3

**Mathematics and Sciences (9)**

MTH	Math elective	met in major
SCI	Science w/ lab elective	3
MTH/SCI	Math or Science elective	met in major

**Social Sciences (9)**

HIS114/124	American History I or II	3
	Non U.S. History Elective	3
	Non History Social Science Elec	3

**General Education (6)**

IDS101	Freshman Seminar	1
	General Education Electives*	5

**\*(Any Gen Ed Discipline & HPR121/131/250**

**HPR limited to 3 total hours, No Varsity Sports.**

**B.A. General Education Core Requirements (61)**

Same requirements as Bachelor of Science

Exception: **Humanities (18)**

**REQUIREMENTS FOR COMPUTER SCIENCE MAJORS (50)**

**Computer Science Core Requirements (27)**

CSC113	Intro to Computer Science	3
CSC124	Object Oriented Programming	3
CSC233	Data Structures & Algorithms	3
CSC243	Architecture and Operating Systems	3
CSC253	Advanced Data Structures and Algorithms	3
CSC318	Web Programming	3
CSC333	Database Systems	3
CSC350	Data Mining	3
CSC405	Artificial Intelligence	3

**Math Requirements (23)**

MTH223	Statistics	3
MTH234	Calculus I	4
MTH244	Calculus II	4
MTH323	Linear Algebra	3
MTH343	Combinatorics and Graph Theory	3
MTH363	Topics in Discrete Mathematics	3
MTH364	Number Theory	3

**Requirements For Computer Science Minor (24)**

**Core Requirements (18)**

CSC113	Intro to Computer Science	3
CSC124	Object Oriented Programming	3
CSC233	Data Structures & Algorithms	3
CSC253	Advanced Data Structures and Algorithms	3
MTH233	Calculus I	3
MTH364	Topics in Discrete Mathematics	3

**Select two courses from the following:**

CSC243	Architecture and Operating Systems	3
CSC318	Web Programming	3
CSC333	Database Systems	3
CSC350	Data Mining	3
CSC405	Artificial Intelligence	3

**\*\*BA Degree requires the equivalent of 12 credits of study in foreign language. This requirement may be fulfilled by:**

1. Completing the second year of a college sequence if completed 2 yrs in high school with proof of proficiency. Remaining 6 cr may be met through humanities electives.
2. CLEP and transcript 6 cr or 12 cr. Remaining credits in humanities.
3. COM363, COM373 Language & Culture Acquisition I, II and 6 additional credit hours of foreign language.
4. Two foreign languages may be selected with the minimum of 6 credits in each language.
5. Completion of the Corban Language Institute Pathway to English advanced fluency courses.
6. 12 credits of study in a Foreign Language.