COMPUTER SCIENCE, B.S.

Course Sequence

NOTE: The course sequence table is designed by the major department and is one way that the classes will work out properly in sequence for your major. However, there are alternative or flexible ways to rotate some of the classes within the same year/level and sometimes between year levels. Please contact your major department advisor to discuss flexible alternatives in scheduling the sequence of your classes.

Taking coursework during the summer session may also be an option to accelerate your degree path.

See Core Curriculum Program section (http://catalog.biola.edu/general-information/undergraduate-core-curriculum-program/) for a list of approved Core Curriculum courses.

- **Standard Computer Science (p. 1)**
- **Data Science and Information Systems (p. 1)**

Computer Science, B.S. Standard Computer Science (CSST)

First Year

Fall	Credits	Spring	Credits
BBST 103 or 165	3	BBST 103 or 165	3
CSCI 105	3	CSCI 106	3
ENGL 100 or 112	3	KNES 107	1
GNST 102	1	MATH 151	4
MATH 150	4	MATH 203	3
	14		**14**

Second Year

Fall	Credits	Spring	Credits
BBST 209 or 210	3	BBST 209 or 210	3
BBST 251	3	CSCI 220	3
CSCI 230	3	Communication (see Core Curriculum)	3
MATH 291	3	Literature (see Core Curriculum)	3
Foreign Language (see Core Curriculum)	4	Science (see Core Curriculum)	3
	16		**15**

Third Year

Fall	Credits	Spring	Credits
BBST 365	3	BBST 354	3
CSCI 311	3	CSCI 430	3
CSCI 335	3	CSCI or MATH Elective (upper-division)	3
CSCI 400	3	HIST 200, 201, or POSC 225	3
Behavioral Science (see Core Curriculum)	3	MATH 321 or 333	3
Writing Competency Requirement		KNES Activity (see Core Curriculum)	1
		Graduation Application due in Registrar's Office	
	15		**16**

Fourth Year

Fall	Credits	Spring	Credits
BBST 300/400 Bible Elective	3	BBST 300/400 Bible Elective	3
CSCI Elective (upper-division)	3	BBST 465	3
CSCI or MATH Elective (upper-division)	3	CSCI 450	3
ENGL 313	3	CSCI Elective (upper-division)	3
Philosophy (see Core Curriculum)	3	Fine Arts (see Core Curriculum)	3
	15		**15**

Total Credits 120

Computer Science, B.S. Data Science and Information Systems (CSDI)

First Year

Fall	Credits	Spring	Credits
BBST 103 or 165	3	BBST 103 or 165	3
CSCI 105	3	CSCI 106	3
ENGL 100 or 112	3	HIST 200, 201, or POSC 225	3
GNST 102	1	KNES 107	1
MATH 140 or 150	3	MATH 203	3
		MATH 210 or 318	3
	13		**16**

Second Year

Fall	Credits	Spring	Credits
BBST 209 or 210	3	BBST 209 or 210	3
BBST 251	3	CSCI 220	3
BUSN 220	3	CSCI/BUSN/MATH Elective	3
CSCI 230	3	CSCI/BUSN/MATH Elective	3
Foreign Language (see Core Curriculum)	4	Science (see Core Curriculum)	3
	16		**15**

Third Year

Fall	Credits	Spring	Credits
BBST 365	3	BBST 354	3
CSCI 311, 305, or 335	3	CSCI 430	3
CSCI Elective (upper-division)	3	CSCI 306 or CSCI/BUSN/MATH Elective	3
Behavioral Science (see Core Curriculum)	3	Communication (see Core Curriculum)	3
Philosophy (see Core Curriculum)	3	KNES Activity (see Core Curriculum)	1
Writing Competency Requirement		Literature (see Core Curriculum)	3
		Graduation Application due in Registrar's Office	
	15		**16**

Fourth Year

Fall	Credits	Spring	Credits
BBST 300/400 Bible Elective	3	BBST 300/400 Bible Elective	3
BUSN 323	3	BBST 465	3
CSCI 402	3	CSCI 450	3
CSCI Elective (upper-division)	3	CSCI 306 or CSCI/BUSN/MATH Elective	3
ENGL 313	3	Fine Arts (see Core Curriculum)	3
	15		**15**

Total Credits 121