

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: California State University, Long Beach
2022-2023 General Catalog, Semester

From: Lake Tahoe Community College
2022-2023 General Catalog, Quarter

Computer Science

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

GENERAL INFORMATION 2022-23

Important Admissions Information for Fall 2023

ALL MAJORS ARE IMPACTED AT CSU, LONG BEACH. As a result, incoming students must complete a series of major specific preparation coursework and meet GPA requirements. Please visit our [Major Specific Degree Requirements](#) webpage for more information and to find the correct path and year for your major.

Review the following for information related to transfer admissions to CSULB:

- [Transfer Admission Eligibility Overview](#)
- [Transfer Application Process](#)
- [Lower Division Requirements Information for Major Agreements](#)

GENERAL INFORMATION - DEGREE NOTES

Degree Progress: Transfer students must complete the following requirements within one calendar year of declaring the major: A grade of C or better must be achieved in MATH 123 (Calculus II) and PHYS 151 (Mechanics and Heat) within one calendar year after transfer to CSULB (if the equivalent was not taken before transfer). Questions can be directed to the College of Engineering Recruitment and Retention Center at (562) 985-1800 or coe-admit@csulb.edu.

ENGR 101 and 102 are substituted for transfer students who have three units of CSU GE Area E.

Special Notes: A grade of "C" or better is required in all required and elective courses.

LOWER DIVISION CORE REQUIREMENTS, TAKE ALL OF THE FOLLOWING COURSES:

Minimum grade required: C or better

Please refer to additional important General Information section above

CECS 105 - Introduction to Computer Engineering and Computer Science (1.00) ← No Course Articulated

CECS 174 - Introduction to Programming and Problem Solving (3.00) ←

CIS 120A - Computer Programming I (4.00)

--- And ---

CIS 120B - Computer Programming II (4.00)

CECS 225 - Digital Logic and Assembly Programming (3.00) ← No Course Articulated

CECS 228 - Discrete Structures with Computing Applications (3.00) ← No Course Articulated

CECS 229 - Discrete Structures with Computing Applications II (3.00) ← **MAT 203** - Linear Algebra (5.00)

CECS 274 - Data Structures (3.00) ←

CIS 120B - Computer Programming II (4.00)

--- And ---

CIS 120C - Computer Programming III (4.00)

CECS 277 - Object Oriented Application Development (3.00) ← No Course Articulated

ENGR 101 - Introduction to Engineering Profession (1.00) ← No Course Articulated

Same-As: ENGR 101H

- Please refer to additional important General Information section above

ENGR 102 - Academic Success Skills (1.00) ← No Course Articulated

Same-As: ENGR 102H

- Please refer to additional important General Information section above

MATH 122 - Calculus I (4.00)



MAT 105 - Calculus and Analytic Geometry (Part I) (5.00)

--- And ---

MAT 106 - Calculus and Analytic Geometry (Part II) (5.00)

--- And ---

MAT 107 - Calculus and Analytic Geometry (Part III) (5.00)

MATH 123 - Calculus II (4.00)

- Please refer to additional important General Information section above



MAT 105 - Calculus and Analytic Geometry (Part I) (5.00)

--- And ---

MAT 106 - Calculus and Analytic Geometry (Part II) (5.00)

--- And ---

MAT 107 - Calculus and Analytic Geometry (Part III) (5.00)

APPROVED SCIENCES ELECTIVES (MINIMUM OF EIGHT UNITS), TAKE:

Please refer to additional important General Information section above

PHYS 151 - Mechanics and Heat (4.00)

- Please refer to additional important General Information section above



PHY 107 - General Physics (Calculus) - Mechanics (6.00)

--- Or ---

CHEM 111A - General Chemistry (5.00)



CHM 101 - General Chemistry I (5.75)

--- And ---

CHM 102 - General Chemistry II (5.75)

--- And ---

CHM 103 - General Chemistry III (5.75)

REMAINING UNITS TO BE CHOSEN FROM THE FOLLOWING:

Please refer to additional important General Information section above

BIOL 200 - General Biology (4.00)



BIO 110 - Introduction to Cell and Molecular Biology (5.00)

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BIO 111 - Introduction to Plant and Animal Biology (5.00)

BIOL 205 - Human Biology (4.00)



BIO 203 - Human Anatomy and Physiology I (5.00)

--- And ---

BIO 204 - Human Anatomy and Physiology II (5.00)

--- And ---

BIO 205 - Human Anatomy & Physiology III (5.00)

BIOL 207 - Human Physiology (4.00)



BIO 203 - Human Anatomy and Physiology I (5.00)

--- And ---

BIO 204 - Human Anatomy and Physiology II (5.00)

--- And ---

BIO 205 - Human Anatomy & Physiology III (5.00)

END OF AGREEMENT