# **Articulation Agreement by Major**

Effective during the 2022-2023 Academic Year

To: University of California, Los Angeles 2022-2023 General Catalog, Quarter

From: De Anza College 2022-2023 General Catalog, Quarter

### Civil Engineering/B.S.

#### **IMPORTANT MAJOR DETAILS**

Admission to the Henry Samueli School of Engineering and Applied Science at UCLA (HSSEAS) is highly competitive. The most important selection criteria are completion of the required preparatory courses and academic performance. Listed below are the lower division preparation courses for the major. All applicants must have a minimum transferable cumulative GPA of 3.4. Preparatory courses should be completed by the end of the spring term prior to fall enrollment. All major prep courses must be taken for a letter grade. HSSEAS admits students by major and does NOT consider applicants for an alternate major.

Applicants are not required to complete the HSSEAS General Education Requirements in order to be admitted, although it is beneficial for students to complete 1 course from each of the following areas: arts, humanities, social sciences, and life sciences. Applicants can fulfill the lower division General Education requirement by completion of the Intersegmental General Education Transfer Curriculum (IGETC). **Partial IGETC is NOT accepted. For more information regarding this major and UCLA's transfer selection process, visit <a href="https://admission.ucla.edu">https://admission.ucla.edu</a>. If you still have specific questions, you may email the HSSEAS admissions office at <a href="https://admission.ucla.edu">erkki@seas.ucla.edu</a>.** 

PLEASE NOTE: The community college courses listed on this major agreement have been approved as <u>substitutes</u> to satisfy the <u>admission preparation requirements</u> for this major, but they may not be exact equivalents of the UCLA courses listed. In addition, upper division requirements for the major may be satisfied by lower division community college course(s) listed below, however, credit will be determined by the department after transfer.

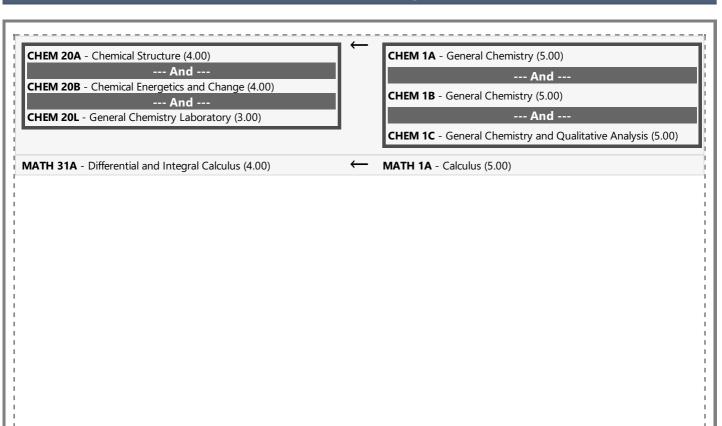
#### PROGRAMMING REQUIREMENT

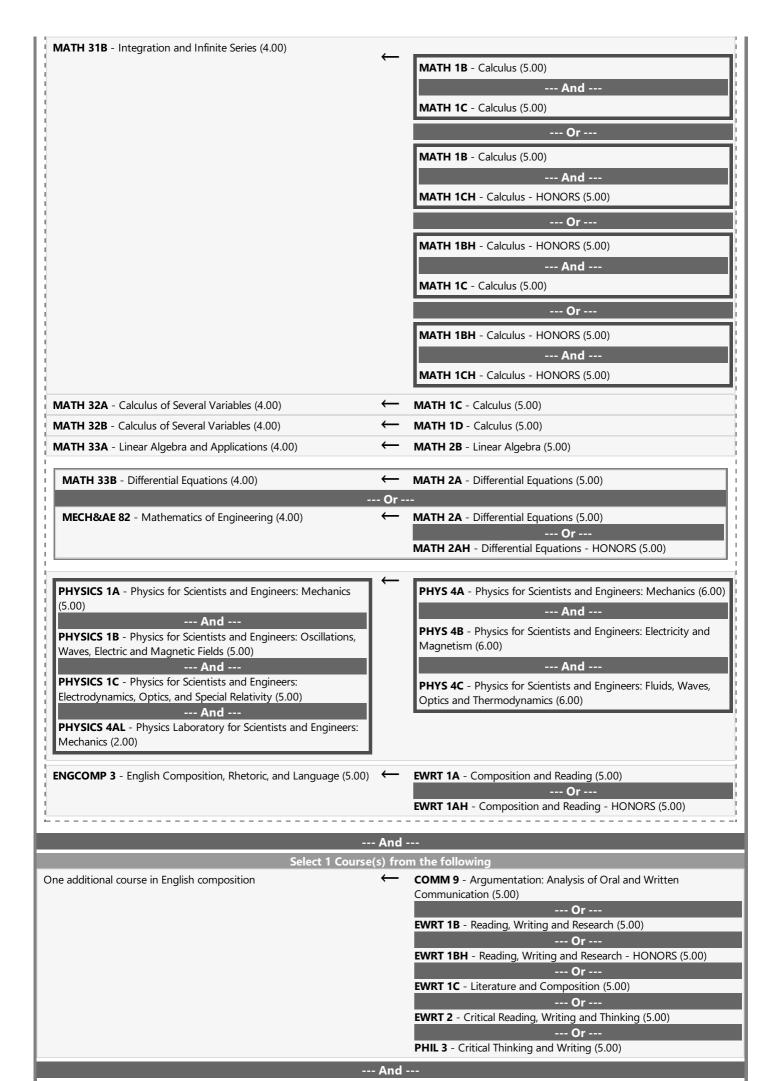
MATLAB is the Preferred language for this major, however a course equivalent to UCLA's CS 31 can be used to meet this requirement.

#### **ADDITIONAL GE INFORMATION**

IMPORTANT NOTE: For Civil Engineering majors, completion of one course in the Life Science 7ABC series will automatically fulfill the Life Science GE within their major requirement.

### LOWER DIVISION MAJOR REQUIREMENTS





# Select 1 Course(s) from the following

One course in MATLAB is Preferred, however a course equivalent to UCLA's CS 31 meets this programming requirement.

CIS 27 - Programming in C++ for C/Java Programmers (4.50)

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CIS 29 - Advanced C++ Programming (4.50)

# **STRONGLY RECOMMENDED COURSES**

COM SCI 31 - Introduction to Computer Science I (4.00)	CIS 22A - Beginning Programming Methodologies in C++ (4.50)  Or  CIS 22BH - Intermediate Programming Methodologies in C++ - HONORS (4.50)  Or  CIS 27 - Programming in C++ for C/Java Programmers (4.50)  Or  CIS 22B - Intermediate Programming Methodologies in C++ (4.50)  Or  CIS 29 - Advanced C++ Programming (4.50)
	Or
<b>C&amp;EE M20</b> - Introduction to Computer Programming with MATLAB (4.00) Same-As: MECH&AE M20	← No Course Articulated
<b>C&amp;EE 91</b> - Statics (4.00)	← ENGR 35 - Statics (4.00)
C&EE 102 - Dynamics of Particles and Bodies (2.00)	← No Course Articulated
C&EE 108 - Introduction to Mechanics of Deformable Solids (4.00)	← No Course Articulated
MAT SCI 104 - Science of Engineering Materials (4.00)	← No Course Articulated
MECH&AE 101 - Statics and Strength of Materials (4.00)	← No Course Articulated
Select one course from: C&EE 58SL, Earth, Planetary, and Space Sciences 3, 15,	← No Course Articulated

# **END OF AGREEMENT**