Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: University of California, Davis 2022-2023 General Catalog, Quarter	From: De Anza College 2022-2023 General Catalog, Quarter

Chemistry B.S.

INFORMATION AND ADVISORIES

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis Transfer Admission website. UC Davis requires that students complete UC transfer admission requirements by the end of Spring term prior to Fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and Mathematics by the end of Fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/UC Davis General Education (GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete undergraduate degrees in the College of Letters and Science at UC Davis. For students pursuing a Bachelor of Science degree, IGETC also satisfies the Natural Sciences and Mathematics Area Breadth requirement of the College. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. See additional details about IGETC/GE at ASSIST. The Dean's Office of your undergraduate college at UC Davis determines whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis General Catalog. Quick reference charts for AP and IB are also available here.

MAJOR PREPARATION

- **Please carefully review Information and Advisories and Course Articulation Details.**

COURSE ARTICULATION DETAILS

- **Important note: Due to the limitations and bugs on the ASSIST platform at this time, it is important to view both the department and major agreements for a complete picture of the articulation arrangements. *Please refer to the appropriate department agreements in conjunction with the major agreement below.***
- **Please check the UC Transferability Lists on ASSIST for information on any credit limitations.**
- **Attention: Articulation agreements are California Community College *specific*. Lower division courses that are taken at multiple California Community Colleges, including those within a shared district, may articulate differently from what is indicated in the department or major agreements. It is recommended that series courses be completed at the same California Community College. Please contact your California Community College counselor for more information.**

AMERICAN CHEMICAL SOCIETY ACCREDITED PROGRAM

Highly recommended to complete the entire series
If the entire sequence is not completed prior to transfer, students must consult the department advisor prior to enrollment
Complete entire sequence at same institution prior to transfer

CHE 004A - General Chemistry for the Physical Sciences & Engineering (5.00)	←	**CHEM 1AH** - General Chemistry - HONORS (5.00) • *Course is articulated in more than one agreement but credit can only apply to one*

CHE 004B - General Chemistry for the Physical Sciences & Engineering (5.00)	←	**CHEM 1BH** - General Chemistry - HONORS (5.00) • *Course is articulated in more than one agreement but credit can only apply to one*
CHE 004C - General Chemistry for the Physical Sciences & Engineering (5.00)	←	**CHEM 1CH** - General Chemistry and Qualitative Analysis - HONORS (5.00) • *Course is articulated in more than one agreement but credit can only apply to one*

Highly recommended to complete the entire series
If the entire sequence is not completed prior to transfer, students must consult an advisor prior to enrollment
Complete entire sequence at same institution prior to transfer

CHE 128A - Organic Chemistry (3.00)	←	**CHEM 12A** - Organic Chemistry (5.00) • *Articulation applies to one series only, or one series plus labs* • *Lower division credit only*
CHE 128B - Organic Chemistry (3.00)	←	**CHEM 12B** - Organic Chemistry (5.00) • *Articulation applies to one series only, or one series plus labs* • *Lower division credit only*
CHE 128C - Organic Chemistry (3.00)	←	**CHEM 12C** - Organic Chemistry (5.00) • *Articulation applies to one series only, or one series plus labs* • *Lower division credit only*
CHE 129A - Organic Chemistry Laboratory (2.00)	←	**CHEM 12A** - Organic Chemistry (5.00) • *Articulation applies to one series only, or one series plus labs* • *Lower division credit only*
CHE 129B - Organic Chemistry Laboratory (2.00)	←	**CHEM 12B** - Organic Chemistry (5.00) • *Articulation applies to one series only, or one series plus labs* • *Lower division credit only*
CHE 129C - Organic Chemistry Laboratory (2.00)	←	**CHEM 12C** - Organic Chemistry (5.00) • *Articulation applies to one series only, or one series plus labs* • *Lower division credit only*

Highly recommended to complete the entire series
If the entire sequence is not completed prior to transfer, students must consult an advisor prior to enrollment
Complete entire sequence at same institution prior to transfer

MAT 021A - Calculus (4.00)	←	**MATH 1A** - Calculus (5.00) • *Credit for articulated courses in one series only* **--- Or ---** **MATH 1AH** - Calculus - HONORS (5.00) • *Credit for articulated courses in one series only*
MAT 021B - Calculus (4.00)	←	**MATH 1B** - Calculus (5.00) • *Credit for articulated courses in one series only* **--- Or ---** **MATH 1BH** - Calculus - HONORS (5.00) • *Credit for articulated courses in one series only*
MAT 021C - Calculus (4.00)	←	**MATH 1C** - Calculus (5.00) • *Credit for articulated courses in one series only* **--- Or ---** **MATH 1CH** - Calculus - HONORS (5.00) • *Credit for articulated courses in one series only*
MAT 021D - Vector Analysis (4.00)	←	**MATH 1D** - Calculus (5.00) **--- Or ---** **MATH 1DH** - Calculus - HONORS (5.00)

Select 1 Course or Combination from the following
Complete entire sequence at same institution prior to transfer

MAT 022A - Linear Algebra (3.00)	←	**MATH 2B** - Linear Algebra (5.00) **--- Or ---** **MATH 2BH** - Linear Algebra - HONORS (5.00)
--- And ---		
MAT 022AL - Linear Algebra Computer Laboratory (1.00)	←	No Course Articulated
--- Or ---		
MAT 027A - Linear Algebra with Applications to Biology (4.00) Same-As: BIS 027A	←	No Course Articulated

MAT 022B - Differential Equations (3.00)	←	**MATH 2A** - Differential Equations (5.00) **--- Or ---** **MATH 2AH** - Differential Equations - HONORS (5.00)
--- Or ---		
MAT 027B - Differential Equations with Applications to Biology (4.00) Same-As: BIS 027B	←	No Course Articulated

Highly recommended to complete the entire series
If the entire sequence is not completed prior to transfer, students must consult an advisor prior to enrollment
Complete entire sequence at same institution prior to transfer

PHY 009A - Classical Physics (5.00)	←	**PHYS 4A** - Physics for Scientists and Engineers: Mechanics (6.00)
PHY 009B - Classical Physics (5.00)	←	**PHYS 4C** - Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics (6.00)
PHY 009C - Classical Physics (5.00)	←	**PHYS 4B** - Physics for Scientists and Engineers: Electricity and Magnetism (6.00)
PHY 009D - Modern Physics (4.00) • *Recommended; Not required for the major*	←	**PHYS 4D** - Physics for Scientists and Engineers: Modern Physics (6.00)

END OF AGREEMENT