# **Articulation Agreement by Major**

Effective during the 2022-2023 Academic Year

To: University of California, San Diego 2022-2023 General Catalog, Quarter

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

## Mathematics/Applied Science B.S.

#### **GENERAL INFORMATION**

DATED MATERIAL, SUBJECT TO CHANGE. PLEASE CONSULT CURRENT UCSD GENERAL CATALOG FOR ANY ADDITIONAL INFORMATION.

Effective Fall 2018, major preparation will be required for this major. For details, visit: <a href="http://admissions.ucsd.edu/MajorPrep">http://admissions.ucsd.edu/MajorPrep</a>

#### MATHEMATICS/APPLIED SCIENCE

Students who have completed C/C++ Programming may be able to use that course in place of one of the required Java Programming classes listed below. Students should speak with a UCSD Mathematics advisor.

The Mathematics/Applied Science major is intended for those students who are interested in mathematics, but who also have a substantial interest in the applications of mathematics to other areas. It is an individual major and students design their own programs while consulting with an academic advisor.

Students who major in Mathematics/Applied Science may pursue one of the following plans, for example, or others which can be custom designed:

- 1. Chemistry and Biochemistry
- 2. Medical and Life Sciences
- 3. Cognitive Science and Psychology
- 4. Applied Mechanics & Engineering
- 5. Biology and Bioengineering
- 6. Electrical and Computer Engineering

For more information please visit

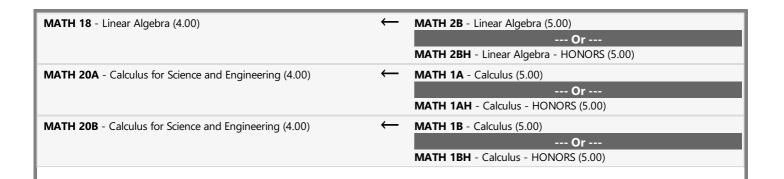
https://math.ucsd.edu/students/undergraduate/ma31-math-applied-science-b-s/

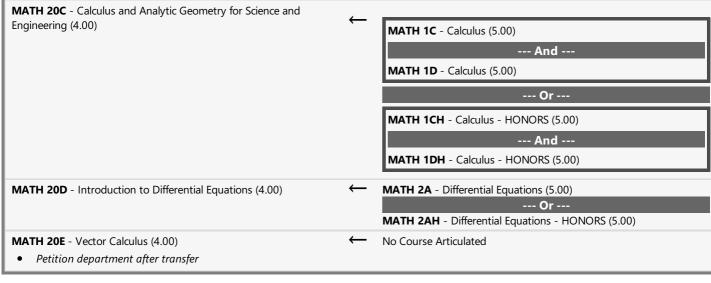
NOTE: Students who have taken a vector calculus course at a non-UC college must successfully petition the course for 20E equivalency. Petitions must generally include course syllabus, textbook information and final exam. More information on the petition process for 20E can be found at the following site: <a href="https://www.math.ucsd.edu/students/undergraduate/math-20e-equivalency">https://www.math.ucsd.edu/students/undergraduate/math-20e-equivalency</a>

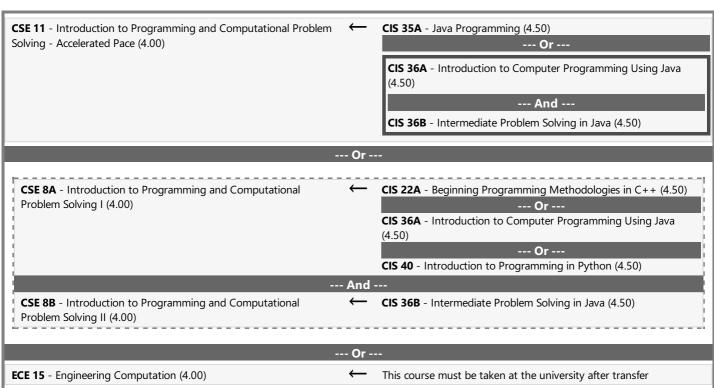
UC San Diego Advanced Placement (AP) and International Baccalaureate (IB) credit policies are detailed in the links below:

Advanced Placement (AP) <a href="https://www.ucsd.edu/catalog/pdf/APC-chart.pdf">https://www.ucsd.edu/catalog/pdf/APC-chart.pdf</a>

International Baccalaureate (IB) <a href="https://catalog.ucsd.edu/files/international-baccalaureate-credits-chart.pdf">https://catalog.ucsd.edu/files/international-baccalaureate-credits-chart.pdf</a>







### **END OF AGREEMENT**