# Articulation Agreement by Major

*Effective during the 2022-2023 Academic Year*

| To: University of California, San Diego<br>2022-2023 General Catalog, Quarter | From: De Anza College<br>2022-2023 General Catalog, Quarter |
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## Mathematics: Joint Major in Mathematics and Economics 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:** http://admissions.ucsd.edu/MajorPrep

This major is considered to be excellent preparation for Ph.D. study in
economics and business administration, as well as for graduate studies for
professional management degrees, including the MBA.

Majors in economics generally recognize the importance of mathematics to their
discipline. Undergraduate students who plan to pursue doctoral studies in
economics and business need the more advanced mathematics training prescribed in
this major.

Majors in mathematics often feel the need for more formal introduction to issues
involving business applications of science and mathematics.  Extending their
studies into economics provides this application and can provide a bridge to
successful careers or advanced study.  This major provides a more formal
framework making it easier to combine study in economics and mathematics.

For more information please visit
https://math.ucsd.edu/students/undergraduate/ma33-joint-major-in-math-econ/

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

Advanced Placement (AP) https://www.ucsd.edu/catalog/pdf/APC-chart.pdf

International Baccalaureate (IB) https://catalog.ucsd.edu/_files/international-baccalaureate-credits-chart.pdf

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| **MATH 18** - Linear Algebra (4.00) | ← **MATH 2B** - Linear Algebra (5.00)<br>--- Or ---<br>**MATH 2BH** - Linear Algebra - HONORS (5.00) |
| **MATH 20A** - Calculus for Science and Engineering (4.00) | ← **MATH 1A** - Calculus (5.00)<br>--- Or ---<br>**MATH 1AH** - Calculus - HONORS (5.00) |
| **MATH 20B** - Calculus for Science and Engineering (4.00) | ← **MATH 1B** - Calculus (5.00)<br>--- Or ---<br>**MATH 1BH** - Calculus - HONORS (5.00) |
| **MATH 20C** - Calculus and Analytic Geometry for Science and Engineering (4.00) | ← **MATH 1C** - Calculus (5.00)<br>--- And ---<br>**MATH 1D** - Calculus (5.00)<br>--- Or ---<br>**MATH 1CH** - Calculus - HONORS (5.00)<br>--- And ---<br>**MATH 1DH** - Calculus - HONORS (5.00) |
| **MATH 20D** - Introduction to Differential Equations (4.00) | ← **MATH 2A** - Differential Equations (5.00)<br>--- Or ---<br>**MATH 2AH** - Differential Equations - HONORS (5.00) |

| ECON 1 - Principles of Microeconomics (4.00) | ← | ECON 2 - Principles of Microeconomics (4.00) |
| | | --- Or --- |
| | | ECON 2H - Principles of Microeconomics - HONORS (4.00) |
| ECON 3 - Principles of Macroeconomics (4.00) | ← | ECON 1 - Principles of Macroeconomics (4.00) |
| | | --- Or --- |
| | | ECON 1H - Principles of Macroeconomics - HONORS (4.00) |

**END OF AGREEMENT**