

FINANCIAL MATHEMATICS AND STATISTICS, B.S. – 2022-2023

This schedule is just an example and should be used as a guide.

For more information regarding course, please visit our website as well as view the UCSB General Catalog for course descriptions and prerequisites.

FIRST YEAR		
<u>Fall Quarter</u> MATH 2A OR 3A (4-5 units) ECON 1 (4 units)	<u>Winter Quarter</u> MATH 2B OR 3B (4-5 units) CMPS 8 (4 units) ** ECON 2 (4 units)	<u>Spring Quarter</u> MATH 4A (4 units) CMPS 9 (4 units)*** ECON 10A (5 units)
SECOND YEAR		
<u>Fall Quarter</u> MATH 6A (4 units) PSTAT 10 (5 units) MATH 4B (4 units)	<u>Winter Quarter</u> MATH 8 (or PSTAT 8) (5 units)** MATH 6B (4 units)	<u>Spring Quarter:</u> PSTAT 120A (4 units)
THIRD YEAR		
<u>Fall Quarter</u> PSTAT 120B (4 units) PSTAT 160A (4 units)	<u>Winter Quarter</u> PSTAT 160B (4 units) PSTAT 126 (4 units)	<u>Spring Quarter</u> PSTAT 171 (4 units)**** MATH 117 (4 units)
FOURTH YEAR		
<u>Fall Quarter</u> MATH 104A (4 units) PSTAT 170 (4 units)	<u>Winter Quarter</u> MATH 104B (4 units) PSTAT ELECTIVE*	<u>Spring Quarter</u> MATH 104C (4 units) PSTAT ELECTIVE*

IMPORTANT INFORMATION:

***12 elective units from:**

Economics: 100B, 101, 130, 134A-B, 140B, 141, 171, 181;

Math: 108A-B, 124A-B, 132A;

PSTAT: 120C, 130, 131, 132, 134, 135, 171, 173, 174, 176.

**Either Math 4A, 4B, 6A, or 6B must be completed with a grade of "B" or better in order to take Math 8 or PSTAT 8. Math 8 is a prerequisite for all upper division Math courses except Math 117, 104A, 104B, and 104C. If you plan to take additional upper division Math courses, you must take Math 8.

***Only one of the following courses is required: CMPS 8 (Python), CMPS 9 (Python), CMPS 16 (C++) or Engineering 3 (Matlab). *If schedule allows, students are encouraged to take more than one CMPS class.*

****PSTAT 171 is a recommended elective in preparation for PSTAT 170 (Upper division requirement).

Note: Math 100A-B, 101A-B, 102A-B, 193; PSTAT 109, 193 will NOT apply to the major.

FINANCIAL MATHEMATICS AND STATISTICS, B.S. – 2022-2023 (TRANSFER STUDENTS)

This schedule is just an example and should be used as a guide.

- This schedule assumes the student has completed the lower division courses at their previous institution: Math 3A-B, Math 4A-B, Math 6A, CMPSC 8/9/16 or ENGR 3, ECON 1/2/3.

Note: Math 8 (or PSTAT 8) and PSTAT 10 must be completed at UCSB.

THIRD YEAR		
<u>Fall Quarter</u>	<u>Winter Quarter</u>	<u>Spring Quarter</u>
PSTAT 120A (4 units)	ECON 10A (5 units)	PSTAT 126 (4 units)
PSTAT 10 (5 units)	PSTAT 160A (4 units)	PSTAT 160B (4 units)
MATH 8 (or PSTAT 8) (5 units)**	PSTAT 120B (4 units)	MATH 117 (4 units)
FOURTH YEAR		
<u>Fall Quarter</u>	<u>Winter Quarter</u>	<u>Spring Quarter</u>
MATH 104A (4 units)	MATH 104B (4 units)	MATH 104C (4 units)
PSTAT 171 (4 units)***	PSTAT 170 (4 units)	PSTAT ELECTIVE*
PSTAT ELECTIVE*		

IMPORTANT INFORMATION:

***12 elective units from:**

Economics: 100B, 101, 130, 134A-B, 140B, 141, 171, 181;

Math: 108A-B, 124A-B, 132A;

PSTAT: 120C, 130, 131, 132, 134, 135, 171, 173, 174, 176.

**Either Math 4A, 4B, 6A, or 6B must be completed with a grade of "B" or better in order to take Math 8 or PSTAT 8. Math 8 is a prerequisite for all upper division Math courses except Math 117, 104A, 104B, and 104C. If you plan to take additional upper division Math courses, you must take Math 8.

***Only one of the following courses is required: CMPSC 8 (Python), CMPSC 9 (Python), CMPSC 16 (C++) or Engineering 3 (Matlab). *If schedule allows, students are encouraged to take more than one CMPSC class.*

****PSTAT 171 is a recommended elective in preparation for PSTAT 170 (Upper division requirement).

Note: Math 100A-B, 101A-B, 102A-B, 193; PSTAT 109, 193 will NOT apply to the major.