

## Financial Mathematics and Statistics, B.S. – 2026-2027

*This recommended schedule is just an example and should be used as a guide. Please note that it does not account for any general education, university, or unit requirements outside the major.*

| FIRST YEAR                                                                                |                                                                                                               |                                                                                   |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Fall<br><b>MATH 2A or 3A</b> (4-5 units)<br><b>ECON 1</b> (4 units)                       | Winter<br><b>MATH 2B or 3B</b> (4-5 units)<br><b>CMPSC 8 or ENGR 3</b> (4 units) *<br><b>ECON 2</b> (4 units) | Spring<br><b>MATH 4A</b> (4 units)<br><b>ECON 10A</b> (5 units)                   |
| SECOND YEAR                                                                               |                                                                                                               |                                                                                   |
| Fall<br><b>MATH 6A</b> (4 units)<br><b>PSTAT 10</b> (5 units)<br><b>MATH 4B</b> (4 units) | Winter<br><b>MATH 8 (or PSTAT 8)</b> (5 units)**<br><b>MATH 6B</b> (4 units)                                  | Spring<br><b>PSTAT 120A</b> (4 units)                                             |
| THIRD YEAR                                                                                |                                                                                                               |                                                                                   |
| Fall<br><b>PSTAT 120B</b> (4 units)<br><b>PSTAT 160A</b> (4 units)                        | Winter<br><b>PSTAT 160B</b> (4 units)<br><b>PSTAT 126</b> (4 units)                                           | Spring<br><b>MATH 117</b> (4 units)<br><b>PSTAT/ECON/MATH ELECTIVE</b> (4 units)  |
| FOURTH YEAR                                                                               |                                                                                                               |                                                                                   |
| Fall<br><b>MATH 104A</b> (4 units)<br><b>PSTAT 170</b> (4 units)                          | Winter<br><b>MATH 104B</b> (4 units)<br><b>PSTAT/ECON/MATH ELECTIVE</b> (4 units)                             | Spring<br><b>MATH 104C</b> (4 units)<br><b>PSTAT/ECON/MATH ELECTIVE</b> (4 units) |

### Important Information

#### 12 Elective units from:

**ECON:** 100B, 101, 130, 134A-B, 140B, 141, 171, 181

**MATH:** 108A-B, 114, 124A-B, 132A

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

- **PSTAT 171** is a recommended elective in preparation for PSTAT 170 (an upper division course requirement).

**Please see the General Catalog for prerequisite information and elective PSTAT course offerings.**

*\*Only one of the following courses is required: CMPSC 8 (Python), CMPSC 9 (Python), CMPSC 16 (C++), or ENGR 3 (Matlab). Students are encouraged to take more than one CMPSC course if their schedule allows.*

*\*\*Either MATH 4A, 4B, 6A, or 6B must be completed with a grade of 'B' or higher to meet the prerequisite for PSTAT 8/MATH 8. PSTAT 8 meets the PSTAT 8/MATH 8 prerequisite for PSTAT 160A and MATH 117 only. If you plan to take upper division MATH courses other than MATH 117 and MATH 104ABC, you must take MATH 8. PSTAT 8 is not open to students who have already received credit for MATH 8.*

**Upper Division Course Registration:** All upper division PSTAT courses (other than PSTAT 120A) are restricted to full PSTAT majors only during Pass 1 and Pass 2. PSTAT pre-majors and Statistical Science minors may enroll during Pass 3.

**Math 100A-B, 101A-B, 102A-B, 193; PSTAT 109, 182T (or W 182T), 193 will not apply to the major.**

## Financial Mathematics and Statistics, B.S. – 2026-2027 (Transfer Students)

*This recommended schedule is just an example and should be used as a guide. Please note that it does not account for any general education, university, or unit requirements outside the major.*

! The recommendations below assume the student has completed all lower division MATH and CMPSC coursework at their previous institution: MATH 3AB, 4AB, and 6AB, CMPSC 8/9/16 or ENGR 3, ECON 1/2/3A.

! PSTAT 8 (or MATH 8) and PSTAT 10 must be completed at UCSB if not completed at the student's previous institution.

All incoming transfer students will receive a personalized recommended schedule based on their incoming coursework prior to enrolling in their first quarter at UCSB.

| TRANSFER YEAR 1                                                                                                              |                                                                                                   |                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Fall<br><b>PSTAT 120A</b> (4 units)<br><b>PSTAT 10</b> (5 units)<br><b>MATH 8 (or PSTAT 8)</b> (5 units)**                   | Winter<br><b>ECON 10A</b> (5 units)<br><b>PSTAT 160A</b> (4 units)<br><b>PSTAT 120B</b> (4 units) | Spring<br><b>PSTAT 126</b> (4 units)<br><b>PSTAT 160B</b> (4 units)<br><b>MATH 117</b> (4 units) |
| TRANSFER YEAR 2                                                                                                              |                                                                                                   |                                                                                                  |
| Fall<br><b>MATH 104A</b> (4 units)<br><b>PSTAT/ECON/MATH ELECTIVE</b> (4 units)<br><b>PSTAT/ECON/MATH ELECTIVE</b> (4 units) | Winter<br><b>MATH 104B</b> (4 units)<br><b>PSTAT 170</b> (4 units)                                | Spring<br><b>MATH 104C</b> (4 units)<br><b>PSTAT/ECON/MATH ELECTIVE</b> (4 units)                |

### Important Information

#### 12 Elective units from:

**ECON:** 100B, 101, 130, 134A-B, 140B, 141, 171, 181

**MATH:** 108A-B, 114, 124A-B, 132A

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

- **PSTAT 171** is a recommended elective in preparation for PSTAT 170 (an upper division course requirement).

**Please see the General Catalog for prerequisite information and elective PSTAT course offerings.**

*\*Only one of the following courses is required: CMPSC 8 (Python), CMPSC 9 (Python), CMPSC 16 (C++), or ENGR 3 (Matlab). Students are encouraged to take more than one CMPSC course if their schedule allows.*

*\*\*Either MATH 4A, 4B, 6A, or 6B must be completed with a grade of 'B' or higher to meet the prerequisite for PSTAT 8/MATH 8. PSTAT 8 meets the PSTAT 8/MATH 8 prerequisite for PSTAT 160A and MATH 117 only. If you plan to take upper division MATH courses other than MATH 117 and MATH 104ABC, you must take MATH 8. PSTAT 8 is not open to students who have already received credit for MATH 8.*

**Upper Division Course Registration:** All upper division PSTAT courses (other than PSTAT 120A) are restricted to full PSTAT majors only during Pass 1 and Pass 2. PSTAT pre-majors and Statistical Science minors may enroll during Pass 3.

**Math 100A-B, 101A-B, 102A-B, 193; PSTAT 109, 182T (or W 182T), 193 will not apply to the major.**