# Suggested Plan of Study - B.S. in Financial Mathematics and Statistics (FMS)

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
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| **Freshman** Year | MATH 3A  
ECON 1  
Writing 2 | MATH 3B  
ECON 2  
CMPSC* | MATH 4A  
CMPSC*  
ECON 10A |
| **Sophomore** Year | MATH 6A  
MATH 4B or 8 | MATH 4B or 8  
PSTAT 120A  
ECON 10A | MATH 6B  
PSTAT 120B |
| **Junior** Year | PSTAT 171***  
MATH 117 | PSTAT 160A  
MATH104A | PSTAT 160B  
PSTAT 170  
MATH 104B |
| **Senior** Year | PSTAT 130***  
PSTAT 126 | MATH 124A  
UD elective** | MATH 124B  
UD elective ** |

**Accelerated track** (the student has already taken AP calculus and many GEs)

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<th>Year</th>
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| **Freshman** Year | MATH 4A  
ECON 1  
Writing 2 | MATH 6A  
CMPSC 8 or Eng 3  
ECON 2 | MATH 4B  
CMPSC 16*  
PSTAT 120A |
| **Sophomore** Year | PSTAT 120B  
MATH 8  
PSTAT 171*** | MATH 6B  
PSTAT 160A  
PSTAT 126 | PSTAT 160B*  
PSTAT 170  
ECON 10A |
| **Junior** Year | MATH 104A  
PSTAT 130  
UD elective** | MATH 104B  
MATH 124A | UD elective**  
MATH 124B |
| **Senior** Year | Take grad courses.  
Do research.  
Add another major. | Grad courses, research  
double major | Grad courses, research  
double major |

*Only one of the following courses is required: CMPSC 8, CMPSC 16 or Engineering 3.
If schedule allows, students are encouraged to take both CMPSC 16 and 24, which is a course on C++.
Students with AP CS credit may skip CMPSC 8, otherwise, start at CMPSC 8.


***Additional Notes:***
- PSTAT 171 is a recommended preparation for PSTAT 170 (Upper division elective)
- Either Math 4A, 4B, 6A, or 6B must be completed with a grade of "B" or better in order to take Math 8. 
  *Please note “or” is different than “and”)*
- The following courses will not apply to the major: MATH 100AB, 193, 195AB and PSTAT 109, 193