Area in Applied Mathematics --- Beginning in MAT 150

Freshman Year

First Semester

MAT 099.....1 hr
MAT 150.....5 hrs
ENG 105.....4 hrs
COM 161.....3 hrs
Un.Stud. Elect° 3 hrs
Semester Total.....16 hrs

Second Semester

MAT 250.....5 hrs
Sci+Lab.....3-5 hrs
Un.Stud. Elect°....3 hrs
Free Elective††....3 hrs
Semester Total.....14-16 hrs

Sophomore Year

First Semester

MAT 308.....5 hrs
HUM 211.....3 hrs
Area°°.....3 hrs
Un.Stud. Elect°....3 hrs
Free Elective††....3 hrs
Semester Total....17 hrs

Second Semester

MAT 309.....4 hrs
Comp.Prog*.....3 hrs
CIV 201/202.....3 hrs
Un.Stud. Elect°....3 hrs
Free Elective††....3 hrs
Semester Total.....16 hrs

Junior Year

First semester

MAT 312.....3 hrs
MAT 338.....3 hrs
Comp.Prog*.....3 hrs
Area°°.....3 hrs
Free Elective††.....3 hrs
Semester Total.....15 hrs

Second Semester

MAT 335.....3 hrs
MAT 442.....3 hrs
Area°°.....3 hrs
U.S./Free Elect††.3 hrs
Free Elective††....3 hrs
Semester Total.....15 hrs

Senior Year

First Semester

MAT 540 (Fall)...4 hrs
MAT LimElec†...3 hrs
Area°°.....3 hrs
Free Elective†† 3 hrs
Semester Total.....13 hrs

Second Semester

MAT LimElec†....3 hrs
MAT LimElec†....3 hrs
Area°°.....3 hrs
Area°°.....3 hrs
Free Elective††....3 hrs
Semester Total....15 hrs

This totals to 121-123 hours.

*The computer programming course can be chosen from among CSC 145, CSC 232, CSC 235, EGR 140.

°For a BS, These courses will usually be needed for the categories:

One course from the list for Global Awareness, Cultural Diversity, and the World's Artistic Traditions
One course in the Ethics/Responsibility subcategory of the Social and Self-Awareness and Responsible Citizenship category
One course from the list for Social Science

and one or two additional University Studies courses. See the current catalog.

For a BA, six hours in a foreign language culminating in proficiency at the 202 level is required, plus:

One additional course (beyond the language mentioned) in Global Awareness, Cultural Diversity and the World's Artistic Traditions.
One course in the Ethics/Responsibility subcategory of the Social and Self-Awareness and Responsible Citizenship category
One course from the list for Social Science
One additional course (beyond HUM 211 & CIV 201/202) in World's Historical, Literary, and Philosophical Traditions.

†These three courses must be chosen from MAT courses at or above the 400 level.

°°These are courses necessary to complete the student's Area. These courses must be approved by the student's advisor and the department chair.

††Free Electives could be any course that the student has the prerequisites to take.

This is only a rough guide. Transferred credits or changes in course offerings and schedules might require you to take courses in a different semester than listed above.