

Area in Applied Mathematics --- Beginning in MAT 250

Freshman Year
First Semester
 MAT 100T.....1 hr
 MAT 250.....5 hrs
 ENG 105.....4 hrs
 COM 161.....3 hrs
 Un.Stud. Elect° 3 hrs
Semester Total....16 hrs

Second Semester
 MAT 308.....5 hrs
 Comp. Prog*.....3 hrs
 Area°°.....3 hrs
 Un.Stud. Elect° 3 hrs
Semester Total....14 hrs

Sophomore Year
First Semester
 MAT 309.....4 hrs
 MAT 338.....3 hrs
 HUM 211.....3 hrs
 Comp.Prog*.....3 hrs
 Un.Stud. Elect° 3 hrs
Semester Total....16 hrs

Second Semester
 MAT 312.....3 hrs
 MAT 442 (Spring) 3 hrs
 Sci+Lab.....3-5 hrs
 CIV 201/202.....3 hrs
 Free Elective††3 hrs
Semester Total 15-17 hrs

Junior Year
First semester
 MAT 540 (Fall) 4 hrs
 MAT 335.....3 hrs
 Area°°.....3 hrs
 Free Elective†† 3 hrs
 Un.Stud. Elect° 3 hrs
Semester Total....16 hrs

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

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

Second Semester
 MAT LimElec†....3 hrs
 Area°°.....3 hrs
 Free Elective†† 3 hrs
 Free Elective†† 3 hrs
 ..Free Elective†† 3 hrs
Semester Total....12-15 hrs

This totals to 120-122 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.

- 2.0 Cumulative GPA 2.0 GPA in courses taken at MSU 2.0 GPA in area, majors, minors
- 2.0 GPA in courses taken at MSU in area, majors, minors Minimum of 120 earned hours (exclusive of non-degree credit)
- Minimum of 40 earned hours in residence at MSU 20 of the last 32 hours earned in residence at MSU
- Minimum of 42 upper-level hours earned at a 4-year institution (sometimes an issue with transfer students)