

## Mathematics Major --- 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  
 Minor°°.....3 hrs  
 Un.Stud. Elect° 3 hrs

**Semester Total....14 hrs**

### Sophomore Year

#### First Semester

MAT 309.....4 hrs  
 MAT 312.....3 hrs  
 HUM 211.....3 hrs  
 Minor°°.....3 hrs  
 Un.Stud. Elect° 3 hrs

**Semester Total....16 hrs**

#### Second Semester

MAT 335.....3 hrs  
 MAT LimElec†...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 LimElec† 3 hrs  
 Minor°°.....3 hrs  
 Free Elective†† 3 hrs  
 Un.Stud. Elect° 3 hrs

**Semester Total....16 hrs**

#### Second Semester

MAT LimElec†....3 hrs  
 Minor°°.....3 hrs  
 Minor°°.....3 hrs  
 U.S./Free Elect†† 3 hrs  
 Free Elective††....3 hrs

**Semester Total....15 hrs**

### Senior Year

#### First Semester

MAT LimElec†...3 hrs  
 Minor°°.....3 hrs  
 Free Elective†† 3 hrs  
 Free Elective†† 3 hrs  
 Free Elective†† 3 hrs

**Semester Total....15 hrs**

#### Second Semester

MAT LimElec†....3 hrs  
 Minor°°.....3 hrs  
 Free Elective††...3 hrs  
 Free Elective††...3 hrs  
 ..Free Elective†† 3 hrs

**Semester Total....12-15 hrs**

**This totals 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 five courses must satisfy:

One of {MAT 513, MAT 516, MAT 525} All are offered in Fall only. MAT 516 is offered in the Falls of odd-numbered years.

One of {MAT 442, MAT 506, MAT 524, MAT 541} Most are offered in Spring only. MAT 506 is offered in the Falls of odd-numbered years.

**Three** more course chosen from MAT 338 and MAT courses at or above the 400 level.

°°These are courses necessary to complete the student's minor. It would probably make future scheduling easier if these courses were scheduled earlier and the University Studies delayed. See the student's catalog for a description of the minor.

††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)