

## Area in Mathematics/Secondary Education --- Beginning in MAT 150

### Freshman Year

#### First Semester

MAT 100T.....1 hr  
 MAT 150.....5 hrs  
 ENG 105.....4 hrs  
 COM 161.....3 hrs  
 EDU 103.....3 hrs

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

#### Second Semester

MAT 250.....5 hrs  
 PSY 180.....3 hrs  
 HEA 191.....3 hrs  
 Un.Stud. Elect° 3 hrs  
 Un.Stud. Elect° 3 hrs

**Semester Total....17 hrs**

### Sophomore Year

#### First Semester

MAT 308.....5 hrs  
 Area Elective°° 3 hrs  
 HUM 211.....3 hrs  
 Comp. Prog\*.....3 hrs  
 EDP 260.....3 hrs

**Semester Total....17 hrs**

#### Second Semester

MAT 309.....4 hrs  
 MAT 312.....3 hrs  
 MAT LimElec†...3 hrs  
 Sci+Lab.....3-5 hrs  
 CIV 201/202.....3 hrs

**Semester Total 16-18 hrs**

### Junior Year

#### First semester

MAT 540 (Fall) 4 hrs  
 MAT 335.....3 hrs  
 Area Elective°°...3 hrs  
 EDU 303.....3 hrs  
 SED 300.....3 hrs

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

#### Second Semester

MAT 517 (Spr)....3 hrs  
 MAT 551 (Spr)....3 hrs  
 MAT LimElec†...3 hrs  
 EDU 405\*\*.....3 hrs  
 SEC 420\*\*.....3 hrs

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

### Senior Year

#### First Semester

MAT 550 (Fall)..3 hrs  
 MAT LimElec†...3 hrs  
 SEC 422\*\*.....4 hrs  
 EDU 403\*\*.....3 hrs  
 Area Elective°° 3 hrs

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

#### Second Semester

SEC 421.....14 hrs

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

### This totals to 127-129 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:

Global Awareness, Cultural Diversity, and the World's Artistic Traditions

The subcategory Ethics, Social Responsibility, and Civic Engagement of Social and Self-Awareness and Responsible Citizenship

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 additional course (beyond HUM 211 & CIV 201/202) in World's Historical, Literary, and Philosophical Traditions.

The above four year plan is for a BS. Additional time might be required for a BA.

†These three 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.

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

\*\*EDU 405 and SEC 420 must be taken two semesters prior to student teaching; SEC 422 must be taken the semester before student teaching; EDU 403 may be taken one or two semesters prior to student teaching. All of these courses require admission to Teacher Education.

°° These are three courses related to the application of Mathematics, approved by the student's advisor and the department chair. The list of automatically approved courses is currently: CHE 201, CHE 202, CHE 305, CHE 405, ECO 230, ECO 231, ECO 330, ECO 331, PHY 235/6, EGR 240, PHY 255/6, EGR 259, EGR 264, EGR 330, EGR 340, EGR 359, PHY 370, PHY 470, ENT 286, CET 298, ENT 382, ENT 400, IET 597, CSC 245, CSC 301, CSC 302, CSC 332, CSC 340, CSC 345, CSC 405, CSC 415, CSC 420, CSC 445.

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 32 earned hours 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)