Area in Mathematics/Secondary Education -- Beginning in MAT 250

Freshman Year
First Semester
MAT 100T...........1 hr
MAT 250...........5 hrs
ENG 105...........4 hrs
COM 161...........3 hrs
EDU 103...........3 hrs
Semester Total....16 hrs

Second Semester
MAT 308...........5 hrs
Comp. Prog*.....3 hrs
Un.Stud. Elect° 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
PSY 180...........3 hrs
HEA 191...........3 hrs
Semester Total....16 hrs

Second Semester
MAT 335...........3 hrs
Sci+Lab............3-5 hrs
CIV 201/201.......3 hrs
EDP 260.............3 hrs
Semester Total 15-17 hrs

Junior Year
First Semester
MAT 540 (Fall) 4 hrs
MAT LimElec† 3 hrs
EDU 303.........3 hrs
SED 300...........3 hrs
Area Elective°° 3 hrs
Semester Total....16 hrs

Second Semester
MAT 517 (Spr)....3 hrs
MAT 551 (Spr)....3 hrs
EDU 405**.........3 hrs
SEC 420**.........3 hrs
Area Elective°°   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 122-124 hours.

*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. 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, ENT 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.

- □ 2.75 Cumulative GPA □ 2.75 GPA in courses taken at MSU  □ 2.75 GPA in area, majors, minors
- □ 2.75 GPA in courses taken 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)