*College of Science, Engineering and Technology*

**B.S. Area: Mathematics Secondary Certification**

**Academic Plan for the 2013-2014 Bulletin**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Developmental** | **English** | ENG095 | ENG100 | | | | | |
| | **Reading** | REA095 | REA100 | REA120 | | | | |
| | **Math** | MAT095 | MAT096 | MAT097 | | | | |
| **University Studies** | **O&WC** | COM161 | ENG105 | | | | | |
| | **GAW** | GAW Elective | | | | | | |
| | **SMQ** | Science | MAT250 | MAT308 | | | | |
| | **SSRC** | Ethics | PSY180 | | | | | |
| | **HLP** | CIV201 or CIV202 | HUM211 | | | | | |
| | **USE** | EDU103 | MAT309 | EDP260 | | | | |
| **Area or Major** | **Core** | MAT250 | MAT308 | MAT309 | MAT540 | MAT550 | MAT551 | *MAT |
| | | | | MAT312 | MAT335 | MAT517 | | |
| | **Req'd Electives** | One of: | MAT513 | MAT516 | MAT525 | | | +Allied |
| | | One of: | MAT442 | MAT506 | MAT524 | MAT541 | | +Allied |
| | | One of: | CSC145 | CSC232 | CSC235 | EGR 140 | | +Allied |
| **2nd Major or Minor** | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| **Certification** | | PSY180 | E0U303 | SED300 | **2sem.<st:** | EDU405 | SEC420 | st:SEC421 |
| | | EDP260 | EDU103 | HEA191 | **1sem<st:** | EDU403 | SEC422 | |
| **Electives** | | | | | | | | |

*This is chosen from MAT 338 and MAT courses at or above the 400 level, each at least a 3 hour course.

The last Education coursework is taken at a particular time with respect to the ST=Student Teaching Semester:

Two semesters before student teaching take EDU405 T-Th 9:30-10:45 & SEC420 MWF 8:00-10:20

The semester before student teaching take EDU403 & SEC422; reserve 8-11:30 M-F for SEC 422 Field Hours

Note that most of the morning hours are taken by the Certification coursework during the last two semesters before the student teaching semester.

The course SEC 421 is taken during the Student Teaching Semester.

+Three courses related to the application of Mathematics; there is a departmental list of pre-approved allied courses.

## Graduation Requirements

- ☐ 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 at MSU in area, majors, minors
- ☐ Minimum of 120 earned hours (exclusive of non-degree credit)
- ☐ Minimum of 32 earned hours at MSU
- ☐ Minimum of 42 upper-level hours earned at a 4-year institution
- ☐ 20 of the last 32 hours earned in residence at MSU

*College of Science, Engineering, and Technology*

# B.S. Area: Mathematics Secondary Certification

## Academic Plan for the 2013-2014 Bulletin

| Freshman | Fall | | | Spring | | | Summer/Winter | | |
|---|---|---|---|---|---|---|---|---|---|
| **Benchmark Requirements** | **Course** | **Cr** | **Grd** | **Course** | **Cr** | **Grd** | **Course** | **Cr** | **Grd** |
| ☐ Complete all developmental courses, if needed | 098/ 099 | 1 | | | | | | | |
| ☐ Complete ENG105, COM161, transitions course, college-level math | | | | | | | | | |
| ☐ Earn 27 hours prior to start of 2nd year w/minimum 1.90 cum gpa | | | | | | | | | |
| ☐ Undeclared students: identify 3 areas of interest and take 1-2 courses in those areas; Declared students: take 1-2 courses in major | | | | | | | | | |
| ☐ Utilize Writing Center, Waterfield Library, Student Affairs, Oral Communications Center | | | | | | | | | |
| ☐ Complete MapWorks surveys | | | | | | | | | |
| ☐ Get involved in student activities | | | | | | | | | |
| ☐ Meet with advisor on regular basis | | | | | | | | | |

| Sophomore | Fall | | | Spring | | | Summer/Winter | | |
|---|---|---|---|---|---|---|---|---|---|
| **Benchmark Requirements** | **Course** | **Cr** | **Grd** | **Course** | **Cr** | **Grd** | **Course** | **Cr** | **Grd** |
| ☐ Earn 40% degree w/minimum 2.00 cum gpa | | | | | | | | | |
| ☐ Complete minimum 2 courses required for major | | | | | | | | | |
| ☐ Draft a resume & research career options | | | | | | | | | |
| ☐ Complete MapWorks surveys | | | | | | | | | |
| ☐ Declare an area/major within first 45 earned hours; declare minor/2nd major (if required) within 60 earned hours | | | | | | | | | |
| ☐ Become active in departmental organizations | | | | | | | | | |
| ☐ Make progress toward university studies | | | | | | | | | |
| ☐ Meet with advisor on regular basis | | | | | | | | | |

| Junior | Fall | | | Spring | | | Summer/Winter | | |
|---|---|---|---|---|---|---|---|---|---|
| **Benchmark Requirements** | **Course** | **Cr** | **Grd** | **Course** | **Cr** | **Grd** | **Course** | **Cr** | **Grd** |
| ☐ Earn 75% degree w/minimum 2.00 cum gpa | | | | | | | | | |
| ☐ Meet with Career Services regarding internships | | | | | | | | | |
| ☐ Meet with advisor(s) to insure on track to graduate | | | | | | | | | |
| ☐ Stay active in social and departmental organizations | | | | | | | | | |
| ☐ Complete MapWorks surveys | | | | | | | | | |
| ☐ Meet with advisor on regular basis | | | | | | | | | |

| Senior | Fall | | | Spring | | | Summer/Winter | | |
|---|---|---|---|---|---|---|---|---|---|
| **Benchmark Requirements** | **Course** | **Cr** | **Grd** | **Course** | **Cr** | **Grd** | **Course** | **Cr** | **Grd** |
| ☐ Finalize resume | | | | | | | | | |
| ☐ Attend Career Fairs and other events | | | | | | | | | |
| ☐ Apply for degree during semester before graduation | | | | | | | | | |
| ☐ Apply for jobs or graduate school | | | | | | | | | |
| ☐ Complete MapWorks surveys | | | | | | | | | |
| ☐ Meet with advisor on regular basis | | | | | | | | | |

**NOTES:** See *Bulletin* for graduation, program admission, and gpa requirements.

- Consult with your advisor to (1) review your degree audit on myGate before scheduling/adding/dropping classes and to (2) discuss your academic progress or ways to improve your gpa. Review deadlines and refund dates on myGate.
- See *Bulletin* for course prerequisites and course sequencing (as courses may not be offered each semester).
- Need help? Tutoring and support is available at http://www.murraystate.edu/academicsupport <--- tentative website