

**College of Science, Engineering and Technology**  
**B.A. Area: Applied Area Mathematics**  
**Academic Plan for the 2014-2015 Bulletin**

<b>Developmental</b>	<b>English</b>	ENG095	ENG100					
	<b>Reading</b>	REA095	REA100	REA120				
	<b>Math</b>	MAT095	MAT096	MAT097				
<b>University Studies</b>	<b>O&amp;WC</b>	COM161	ENG105					
	<b>GAW</b>	Language	Language	GAW Elective				
	<b>SMQ</b>	Science	MAT250					
	<b>SSRC</b>	Ethics	Soc Sci					
	<b>HLP</b>	CIV201 or CIV202	HUM211	HLP Elective				
	<b>USE</b>	MAT308						
<b>Area or Major</b>	<b>Core</b>	MAT250	MAT308	MAT309	MAT338	MAT442	*MAT	*MAT
				MAT312	MAT335	MAT540	*MAT	
	<b>Req'd Electives</b>	•ComProg	•ComProg					
		+Allied	+Allied	+Allied				
		+Allied	+Allied	+Allied				
<b>2<sup>nd</sup> Major or Minor</b>								
<b>Certification</b>								
<b>Electives</b>								

\*These are chosen from MAT courses at or above the 400 level, each at least a 3 hour course.

•Two computer programming courses approved by the student's advisory committee.

+Eighteen hours (5 or 6 courses at least 3 hours each) related to the application of mathematics and chosen by the student's advisory committee.

\* MAT 540 is offered in Fall only; MAT 442 and MAT 565 are offered in Spring only.

**Graduation Requirements**

- 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 at MSU
- Minimum of 42 upper-level hours earned at a 4-year institution (sometimes an issue with transfer students)
- 20 of the last 32 hours earned in residence at MSU

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<b>Freshman Benchmark Requirements</b>	<b>Fall</b>			<b>Spring</b>			<b>Summer/Winter</b>		
	<b>Course</b>	<b>Cr</b>	<b>Grd</b>	<b>Course</b>	<b>Cr</b>	<b>Grd</b>	<b>Course</b>	<b>Cr</b>	<b>Grd</b>
<input type="checkbox"/> Complete all developmental courses, if needed	098/ 099	1							
<input type="checkbox"/> Complete ENG105, COM161, transitions course, college-level math									
<input type="checkbox"/> Earn 27 hours prior to start of 2 <sup>nd</sup> year w/minimum 1.90 cum gpa									
<input type="checkbox"/> Undeclared students: identify 3 areas of interest and take 1-2 courses in those areas; Declared students: take 1-2 courses in major									
<input type="checkbox"/> Utilize Writing Center, Waterfield Library, Student Affairs, Oral Communications Center									
<input type="checkbox"/> Complete MapWorks surveys									
<input type="checkbox"/> Get involved in student activities									
<input type="checkbox"/> Meet with advisor on regular basis									
<b>Sophomore Benchmark Requirements</b>	<b>Fall</b>			<b>Spring</b>			<b>Summer/Winter</b>		
	<b>Course</b>	<b>Cr</b>	<b>Grd</b>	<b>Course</b>	<b>Cr</b>	<b>Grd</b>	<b>Course</b>	<b>Cr</b>	<b>Grd</b>
<input type="checkbox"/> Earn 40% degree w/minimum 2.00 cum gpa									
<input type="checkbox"/> Complete minimum 2 courses required for major									
<input type="checkbox"/> Draft a resume & research career options									
<input type="checkbox"/> Complete MapWorks surveys									
<input type="checkbox"/> Declare an area/major within first 45 earned hours; declare minor/2 <sup>nd</sup> major (if required) within 60 earned hours									
<input type="checkbox"/> Become active in departmental organizations									
<input type="checkbox"/> Make progress toward university studies									
<input type="checkbox"/> Meet with advisor on regular basis									
<b>Junior Benchmark Requirements</b>	<b>Fall</b>			<b>Spring</b>			<b>Summer/Winter</b>		
	<b>Course</b>	<b>Cr</b>	<b>Grd</b>	<b>Course</b>	<b>Cr</b>	<b>Grd</b>	<b>Course</b>	<b>Cr</b>	<b>Grd</b>
<input type="checkbox"/> Earn 75% degree w/minimum 2.00 cum gpa									
<input type="checkbox"/> Meet with Career Services regarding internships									
<input type="checkbox"/> Meet with advisor(s) to insure on track to graduate									
<input type="checkbox"/> Stay active in social and departmental organizations									
<input type="checkbox"/> Complete MapWorks surveys									
<input type="checkbox"/> Meet with advisor on regular basis									
<b>Senior Benchmark Requirements</b>	<b>Fall</b>			<b>Spring</b>			<b>Summer/Winter</b>		
	<b>Course</b>	<b>Cr</b>	<b>Grd</b>	<b>Course</b>	<b>Cr</b>	<b>Grd</b>	<b>Course</b>	<b>Cr</b>	<b>Grd</b>
<input type="checkbox"/> Finalize resume									
<input type="checkbox"/> Attend Career Fairs and other events									
<input type="checkbox"/> Apply for degree during semester before graduation									
<input type="checkbox"/> Apply for jobs or graduate school									
<input type="checkbox"/> Complete MapWorks surveys									
<input type="checkbox"/> 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