

2019-20 ACADEMIC MAP

BSE - Mathematics Education

TOTAL HRS: 120



* minimum grade required

		FALL SEMESTER					SPRING SEMESTER					
	PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR	PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR
YEAR 1-Freshman	ENG 101	Composition I	3	Gen Ed			ENG 102	Composition II	3	Gen Ed		
	MAT 105	Trigonometry	3	Spec Dgr			MAT 252	Calculus II	3	Major		
	MAT 251	Calculus I	3	Major			MAT 305	Foundations of Math	3	Major		
	CIS 205	Microcomputer Apps	3	Gen Ed			MAT Elective	(MAT 210 recommended)	3	Major		
	FYS 100/300 ¹	Perspectives on Society	3	Gen Ed			PSY 101	General Psychology	3	Gen Ed		
		First Year Seminar	1	Univ Req					15			
			16									
							CORE exam should be taken.					
YEAR 2-Sophomore	MAT 231	Geom, Meas, & Prob	3	Spec Dgr			MAT 254	Calculus IV	3	Major		
	MAT 253	Calculus III	3	Major			MAT 300	Statistics	3	Major		
		Lab Science	4	Gen Ed				Lab Science	4	Gen Ed		
	CSP 340	Survey of Except Children	3	Spec Dgr			EPY 341	Educational Psychology	3	Spec Dgr		
	CUR 300	Survey of Ed w/ Field Exp	3	Prof Ed			CUR 393	Classroom Management	3	Prof Ed		
			16					16				
							PLT exam should be taken.					
YEAR 3-Junior	ENG 200 Level	Literature	3	Gen Ed				General Elective	3	Electives		
	MAT 411	Geometry	3	Major			MAT 415	Discrete Mathematics	3	Major		
	MAT 442	Linear Algebra	3	Major			MAT 405	History of Mathematics	3	Major		
	COM 101/202	Communication Studies	3	Gen Ed				Fine Arts	3	Gen Ed		
		Humanities & Fine Arts	3	Gen Ed			MAT 425	Modern Algebra I	3	Major		
			15					15				
							Praxis II should be taken.					
YEAR 4-Senior	CUR 487	Teach Secondary Math	3	Prof Ed			CUR 498	Directed Teaching	9	Prof Ed		
	HIS 100/200	History	3	Gen Ed				General Elective	3	Electives		
		Perspectives on Society	3	Gen Ed					12			
	MAT 300+ Level	Math Elective	3	Major								
		General Elective	3	Electives								
			15									

- ¹All incoming students required to enroll in FYS 100 (freshmen) or FYS 300 (transfers).
- At least 2.5 GPA in upper-level mathematics courses.
- At least 2.5 GPA in upper-level mathematics courses completed at DSU.
- Score of at least 152 on Praxis subject area test (test code 5161) required by the Mississippi Department of Education.