

# 2018-19 ACADEMIC MAP

## BS - Mathematics

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		
		Lab Science	3	Gen Ed			MAT 105	Trigonometry	3	Major		
	MAT 104	College Algebra	3	Gen Ed				Perspectives on Society	3	Gen Ed		
	CIS 205	Microcomputer Apps	3	Gen Ed				Lab Science	3	Gen Ed		
		General Elective	2	Electives				Fine Arts	3	Gen Ed		
	FYS 100	First Year Seminar	1	Univ Req					15			
			15									
YEAR 2-Sophomore	ENG 200 Level	Literature	3	Gen Ed				Humanities & Fine Arts	3	Gen Ed		
	MAT 210	Computer Prog Fund	3	Major			MAT 252	Calculus II	3	Major		
	MAT 251	Calculus I	3	Major			MAT 305	Foundations of Math	3	Major		
	HIS 100/200	History	3	Gen Ed				General Elective	3	Electives		
	COM 101/202	Communication Studies	3	Gen Ed				Perspectives on Society	3	Gen Ed		
			15					15				
YEAR 3-Junior	MAT 253	Calculus III	3	Major			MAT 254	Calculus IV	3	Major		
	MAT 442	Linear Algebra	3	Major			MAT 300+ Level	Math Elective	3	Major		
	PHY 231	General Physics I	3	Spec Dgr			PHY 232	General Physics II	3	Spec Dgr		
	PHY 235	General Physics I Lab	1	Spec Dgr			PHY 236	General Physics II Lab	1	Spec Dgr		
		Foreign Language	3	Spec Dgr				Foreign Language	3	Spec Dgr		
		General Elective	2	Electives				General Elective	2	Electives		
			15					15				
YEAR 4-Senior	MAT 300+ Level	Math Elective	6	Major			MAT 490	Senior Seminar in Math	3	Major		
		General Elective	3	Electives			MAT 425	Modern Algebra	3	Major		
		General Elective	3	Electives			MAT 300+ Level	Math Elective	3	Major		
		General Elective	3	Electives				General Electives	6	Electives		
			15					15				

- At least 2.5 GPA in upper-level mathematics courses.
- At least 2.5 GPA in upper-level mathematics courses completed at DSU.