

Curriculum Map – Mathematics Area: Data Analytics Track

NOTE: This curriculum map assumes that you have not transferred in any previously completed college level courses. Further, it assumes that you have met all of the prerequisites for the courses listed below. The prerequisite for MATH 175: Calculus I is a Math ACT subscore of 27 or Calculus KYOTE score of 15.

All baccalaureate degree seeking students must complete a minimum of 33 hours of general education courses which includes:

FYS 101 – First Year Seminar	ENG 100 – Writing I
MATH 123, 131, 135, 152, 174 or 175*	ENG 200 – Writing II
COMS 108 – Fund. Of Speech Communication	Knowledge – Natural Science (NSC; select 2)
Knowledge – Arts & Humanities (HUM)	Global Cultures – Arts & Humanities (HUM)
Knowledge – Social & Behavioral Sciences (SBS)	Ethics & Civil Engagement – Social & Behavioral Sciences (SBS)

The approved NSC, HUM, and SBS course list is located in the current MSU Undergraduate Catalog.

*If applicable, specific mathematics course required for degree shown below.

FIRST YEAR COURSE SCHEDULE					
Fall Semester			Spring Semester		
Code	Credits		Code	Credits	
MATH 170/170L	R	4	Level 2 NSC I	G	3
ENG 100	G	3	ENG 200	G	3
MATH 175	G/R	4	MATH 275	R	4
FYS 101	G	3	Level 2 HUM	G	3
COMS 108	G	3	Level 2 SBS	G	3
Total Credit Hours		17	Total Credit Hours		16

SECOND YEAR COURSE SCHEDULE					
Fall Semester			Spring Semester		
Code	Credits		Code	Credits	
MATH 276	R	4	MATH 315	R/U	3
MATH 195	R	1	MATH 301	R/U	3
MATH 300	R/U	3	Level 3 Ethics and Civic Engagement	G	3
Level 3 Cultures and Humanities	G	3	MATH 295	R	1
Level 2 NSC 2	G	3	ETM 319	R/U	3
			MATH 350	R/U	3
Total Credit Hours		14	Total Credit Hours		16

THIRD YEAR COURSE SCHEDULE					
Fall Semester			Spring Semester		
Code	Credits		Code	Credits	
MATH 308	R/U	3	MATH 355	R/U	3
MATH 363	R/U	3	MATH 410	R/U	3
MATH 365	R/U	3	MATH 419	R/U	3
MATH 385	R/U	3	CS 303	R/U	3
CIS 205	R	3	MATH 385	R/U	3
Total Credit Hours		15	Total Credit Hours		15

FOURTH YEAR COURSE SCHEDULE					
Fall Semester			Spring Semester		
Code	Credits		Code	Credits	
CS 310	R/U	3	MATH 499D	R/U	1
MATH 312	R/U	3	MATH 453	R/U	3
CS 420	R/U	3	MATH 455	R/U	3
MATH 499C	R/U	2	CS 430	R/U	3
MATH 420	R/U	3	MATH 456	R/U	3
Total Credit Hours		14	Total Credit Hours		13

(E) Elective,
(P) Pre-requisite

(G) General Education Course
(R) Required Course

(S) Supplemental
(U) Upper Division Course 300-400 level (you must have 42 hours)