

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 students must have 36 hours of general education courses which include:

FYS – First Year Seminar ENG 100 – Core Writing I COMS 108 – Fund. Of Speech Communication

MATH 131, 135, 152, 174 or 175 ENG 200 – Core Writing II Capstone

One 3 credit hour course from each of the following categories (The approved course list may be accessed on the General Education site (log into MyMoreheadState and then open the “Academics” tab) :

HUM I HUM II SBS I SBSII NSC I NSC II

FIRST YEAR COURSE SCHEDULE					
Fall Semester			Spring Semester		
Code	Credits		Code	Credits	
MATH 170/170L	R	4	NSC I course	G	3
ENG 100	G	3	ENG 200	G	3
MATH 175	G	4	MATH 275	R	4
FYS 101	G	3	COMS 108	G	3
HUM I course	G	3	SBS I	U	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 300	R/U	3
MATH 195	R	1	MATH 301	R/U	3
MATH 315	R/U	3	HUM II course	G	3
SBS II course	G	3	MATH 295	R	1
NSC II course	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	G/U	1
MATH 312	R/U	3	MATH 453	R/U	3
CS 420	R/U	3	MATH 455	R/U	3
MATH 499C	G/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)