

MATHEMATICS

SUGGESTED SEQUENCE OF STUDY

This is a suggested schedule of courses for students interested in transferring to a 4-year institution in order pursue a bachelor's degree in engineering. Use this schedule to make your plans with an advisor or faculty member at MPCC.

COURSE	COURSE OPTIONS	CREDITS
PREREQUISITES		
College Algebra	MATH 1150 or HS equivalent	
Trigonometry	MATH 1250	
Pre-Calculus	MATH 1350 or HS equivalent	
FIRST SEMESTER		
Speech	SPCH 1010 Fund of Speech Communication, SPCH 1090 Fund of Human Communication, SPCH 1110 Public Speaking	3
Social Sci/Humanities	Many options from the following departments: ENGL, THEA, ARTS, MUSC, PHIL, HIST, ECON, GEOG, POLS, FASC, PSYC, SOCI, HUMS	3
Calculus I	MATH 1600 Analytical Geometry & Calculus	5
Laboratory Science	BIOS 1010, BIOS 1090, CHEM 1050, CHEM 1090, GEOG 1050, PHYS 1020, PHYS 1100, PHYS 1410	4
	First Semester Credit Subtotal	15
SECOND SEMESTER		
Social Sci/Humanities	Many options from the following departments: ENGL, THEA, ARTS, MUSC, PHIL, HIST, ECON, GEOG, POLS, FASC, PSYC, SOCI, HUMS	3
Elective		6
Calculus II	MATH 1900 Analytical Geometry & Calculus II	5
	Second Semester Credit Subtotal	14
THIRD SEMESTER		
Composition I	ENGL 1010 Expository Writing	3
Social Sci/Humanities	Many options from the following departments: ENGL, THEA, ARTS, MUSC, PHIL, HIST, ECON, GEOG, POLS, FASC, PSYC, SOCI, HUMS	3
Calculus III	MATH 2450 Analytical Geometry & Calculus III	5
General Physics I 5		5
	Third Semester Credit Subtotal	16
FOURTH SEMESTER		
Written Communication	ENGL 1020 Expository Writing, BSAD 2250 Business Communications	3
Elective		6
Differential Equations	MATH 2600 Differential Equations	3
Statistics	MATH 1200 Elements of Statistics	3
	Fourth Semester Credit Subtotal	15
	Program Credit Total	64