

# Curriculum Map Bachelor of Science Engineering Management

You may be required to complete college readiness courses (ENG 100E, MATH 152E, FYS 101E). This is an unofficial document; the student's program evaluation is the official document for viewing the requirements needed to complete the chosen bachelor's degree. Please consult with your advisor before registering for classes. This curriculum map assumes that you have not transferred in any previously completed college level courses.

All students must have 36 hours of general education courses. The approved course list is located in the MSU Catalog, <http://www.moreheadstate.edu/catalog>.

If an "f" or "s" is listed beside the course, this indicates the class is normally offered only in the fall semester (f) or spring semester (s).

FIRST YEAR COURSE SCHEDULE								
✓	Course	Fall Semester	Credits		✓	Course	Spring Semester	Credits
	FYS 101	First Year Seminar	3			ENG 200	Writing II	3
	MATH 175	Calculus I	4			General Education	HUM II	3
	ENG 100	Writing I	3			MATH 275	Calculus II	4
	General Education	HUM I	3			ETM 120	Fundamentals of Engineering	3
	COMS 108	Fund. Of Speech Communication	3			EEC 141/141L	Fundamentals of Electric Circuits	3
<b>Total Credit Hours</b>			<b>16</b>		<b>Total Credit Hours</b>			<b>16</b>

SECOND YEAR COURSE SCHEDULE								
✓	Course	Fall Semester	Credits		✓	Course	Spring Semester	Credits
	ECC 202 (f)	Statics & Dynamics	3			EMM 203/203L (s)	Computer Aided Design I	3
	CHEM 111/111L	Principles of Chemistry I	4			EMM 186/186L	Manufacturing Processes I	3
	PHYS 231/231A	Engineering Physics I/Lab	5			PHYS 232/232A	Engineering Physics II/Lab	5
	General Education	NSC I	3			MATH 276	Calculus III	4
	General Education	SBS I	3			General Education	NSC II	3
<b>Total Credit Hours</b>			<b>18</b>		<b>Total Credit Hours</b>			<b>18</b>

THIRD YEAR COURSE SCHEDULE								
✓	Course	Fall Semester	Credits		✓	Course	Spring Semester	Credits
	EMM 270/207L (f)	Robotics Systems Applications	3			MATH 363	Differential Equations	3
	EEC 243/243L	Intro. To Programming, MATLAB	3			ETM 260 (s)	Thermal & Fluid Systems	3
	ETM 307/307L	Materials Science	3			ETM 317	Systems Modeling & Simulation	3
	ETM 319	Quality & Reliability Engineering	3			MATH 353 or MATH 365	Statistics or Intro. to Math Statistics	3
	SBS II: ETM 300	Technology & Society	3			EMM 303	Mechanics of Materials	3
<b>Total Credit Hours</b>			<b>15</b>		<b>Total Credit Hours</b>			<b>15</b>

FOURTH YEAR COURSE SCHEDULE								
✓	Course	Fall Semester	Credits		✓	Course	Spring Semester	Credits
	EMM 415	Computer Aided Engineering	3			ETM 499C	Senior Project	3
	ETM 310 (f)	Engineering Economic Analysis	3			ETM 421 (s)	Design of Experiments	3
	ETM 330/330L	Engineering Design	3			300 + Engineering Elective	Refer to program evaluation	3
	300 + Engineering Elective	Refer to program evaluation	3			Engineering Elective	Refer to program evaluation	3
<b>Total Credit Hours</b>			<b>12</b>		<b>Total Credit Hours</b>			<b>12</b>

I have reviewed the curriculum and course sequence for this Bachelor's degree and understand I have to follow this map with my advisor's guidance. I understand that I need an advisor to approve my schedule prior to registration each semester.

\_\_\_\_\_  
Student's Signature

\_\_\_\_\_  
Date