

## Four-Year Legacy Degree Pathway Planner

## B.S. Ed. Technology &amp; Engineering Education: Engineering Design Concentration

**Explanation:** Your individual plan may vary based on course availability and individual goals. You should always consult with your advisor regularly and reference the course catalog available on the MU Web site.

**FIRST YEAR**

FALL SEMESTER		SPRING SEMESTER	
Recommended Course Selections	Credits	Recommended Course Selections	Credits
ENGL 110 English Composition	3	COMM 100 Fundamentals of Speech	3
MATH 130 Statistics	3	WELL 175 Wellness	3
AENG 110 Communication & Information Systems	3	AENG 120 Energy, Power & Transportation Systems	3
AENG 130 Production Materials & Processes	3	AENG 140 Bio-related Technologies	3
UNIV 103 First year Inquiry (FYI) Seminar or Open Elective	3	AENG 241 Drafting Communications	3
<b>Total Credits for Semester</b>	<b>15</b>	ITEC 251 or 252 Print Media Sys. or Web Publishing Sys.	3
		<b>Total Credits for Semester</b>	<b>18</b>

**SECOND YEAR**

FALL SEMESTER		SPRING SEMESTER	
Recommended Course Selections	Credits	Recommended Course Selections	Credits
AENG 261 Electronic Systems	3	EDTE 291 Foundations of Technology Education	3
AENG 271 or 281 Processing Nonmetallic or Metallic Matls	3	EDFN 211 Foundations of Modern Ed [diversity course]	3
PHYS 131 Physics I	4	EDFN 241 Psychological Foundations of Teaching	3
ENGL (G1) English literature elective	3	PHYS 132 Physics II	4
(G3) Social Sciences elective [200+ writing (W) course]	3	MATH 151 Calculus for Management, Life & Social Sciences	4
<b>Total Credits for Semester</b>	<b>16</b>	<b>Total Credits for Semester</b>	<b>17</b>

**THIRD YEAR**

FALL SEMESTER		SPRING SEMESTER	
Recommended Course Selections	Credits	Recommended Course Selections	Credits
ENGL 312 or 316 Technical or Business Writing	3	AENG 327 Engineering Structures	3
AENG 344 Product Design	3	AENG 322 Transportation & Robotics	3
AENG Advanced technical elective (300-500 level)	3	AENG 435 Manufacturing Enterprise	3
(G3) Social Sciences elective [200+ writing (W) course]	3	AENG Advanced technical elective (300-500 level)	3
(G1) Humn/Fine Arts elective [200+ writing (W) course]	3	AENG Advanced technical elective (300-500 level)	3
(P) Perspectives	3	(G3) Social Sciences elective	3
<b>Total Credits for Semester</b>	<b>18</b>	<b>Total Credits for Semester</b>	<b>18</b>

**FOURTH YEAR**

FALL SEMESTER		SPRING SEMESTER	
Recommended Course Selections	Credits	Recommended Course Selections	Credits
EDTE 391 Curriculum & Instruction	3	EDTE 461 Student Teaching	
EDSE 340 Content Area Literacy for Diverse Classrooms	3	EDTE 491 Seminar in Technology Education	
SPED 346 Secondary Students with Disabilities in Inclusive	3	EDSE 471 Differentiating Instruction	
AENG 346 Architectural Drawing & Design	3	<b>Total Credits for Semester</b>	<b>13</b>
EDTE 496 Innovation & Design Methodologies	2		
(G1) Humn/Fine Arts elective [200+ writing (W) course]	3		
<b>Total Credits for Semester</b>	<b>17</b>		