

Four-Year Gateway Degree Pathway Planner

B.S. AETM: Computer-Aided Design - CADD Track

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 Introduction to College Writing (IW)	3	COMM 100 Fundamentals of Speech (OC)	3
Personal Wellness (PWELL)	3	Problem Solving (PS)	3
OSEH 120 Fundamentals of Safety, Health & Environ. Issues	3	AENG 130 Production Materials & Processes	4
AENG 110 Communication & Information Systems	3	AENG 241 Drafting Communications	4
FYEX 100 First-year Experience (FYEX)	3		
Total Credits for Semester	15	Total Credits for Semester	14

SECOND YEAR

FALL SEMESTER		SPRING SEMESTER	
Recommended Course Selections	Credits	Recommended Course Selections	Credits
AENG 243 Technical Sketching, Design & Rendering	3	AENG 346 Architectural Drawing & Design	3
AENG 342 Solid Modeling and 3D Prototyping	4	Technological Competency (TC)	3
MATH 130 Statistics (QL)	3	BUSN 251 Principles of Management	3
CHEM 101, 103, 104, or PHYS 103, 104, 131, 132 (pick one)	3-4	Creative Explorations (CE)	3
Total Credits for Semester	13-14	MATH 151, 160, or 161	4
		Total Credits for Semester	16

THIRD YEAR

FALL SEMESTER		SPRING SEMESTER	
Recommended Course Selections	Credits	Recommended Course Selections	Credits
AENG 347 Engineering Visualization	3	WRIT 312, 316, 318 or 319 (AW)	3
AENG 344 Product Design	4	AENG 345 Statics & Strength of Materials	3
Information Literacies (IL)	3	Technology Management Elective	3
Free Elective	3	Free Elective	3
Technology Management Elective	3	CHEM 101, 103, 104, or PHYS 103, 104, 131, 132 (pick one)	3-4
Total Credits for Semester	16	Total Credits for Semester	15-16

FOURTH YEAR

FALL SEMESTER		SPRING SEMESTER	
Recommended Course Selections	Credits	Recommended Course Selections	Credits
MGMT 452 Operations & Supply Chain Management	3	AENG 448 Machine Tool Design	4
AENG 492 Technical Entrepreneurship	4	AENG 494 Total Quality Management (CAP)	4
AENG 446 Advanced Applications in Design	4	AENG 470 Senior Seminar	1
Diverse Cultural Contexts (DCC)	3	Ethical Action & Citizenship (EAC)	3
Total Credits for Semester	14	Free Elective	3
		Total Credits for Semester	15