

B.S. Automation & Robotics Engineering Technology

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
AENG 261 Electronic Systems	3	COMM 100 Fundamentals of Speech	3
AENG 130 Materials & Processes	3	AENG 262 Semiconductor Electronics	4
ENG 110 English Composition	3	CSCI 140 Discrete Structures	3
UNIV 103 First-Year Inquiry	3	General Education Course	3
General Education Course	3	WELL 175 Wellness	3
Total Credits for Semester	15	Total Credits for Semester	16

SECOND YEAR

FALL SEMESTER		SPRING SEMESTER	
Recommended Course Selections	Credits	Recommended Course Selections	Credits
CSCI 161 Intro to Programming I	4	CSCI 162 Intro to Programming II	4
MATH 161 Calculus I	4	AENG 342 Computer-Aided Engineering	3
Communications	3	CHEM 111 Intro to Chem	5
PHYS 231 Physics I	5	General Education Course	3
Total Credits for Semester	16	Total Credits for Semester	15

THIRD YEAR

FALL SEMESTER		SPRING SEMESTER	
Recommended Course Selections	Credits	Recommended Course Selections	Credits
AENG 364 Digital Electronics	3	CSCI 362 Data Structures	4
AENG 325 Power Conversion/Control	3	AENG 326 Fluid Power	4
WRIT ____ Advanced Writing Req.	3	AENG 427 Programmable Logic Control	3
MATH 130 Elements of Stats	4	AENG 425 Industrial Robotic Systems	3
General Education Course	3		
Total Credits for Semester	16	Total Credits for Semester	14

FOURTH YEAR

FALL SEMESTER		SPRING SEMESTER	
Recommended Course Selections	Credits	Recommended Course Selections	Credits
AENG 468 Control Network Integration	3	AENG 467 Mobile Robotic Systems	3
CSCI 450 Artificial Intelligence	4	AENG 494 Total Quality Mngt	3
Free Elective	3	Perspectives Requirement	4
General Education Course	3	General Education Course	3
		Free Elective to meet 120 credits min.	3
Total Credits for Semester	13	Total Credits for Semester	16