Possible ME Course Schedule (Robotics Minor)

	Course	Fall	Winter	Spring
Second Year				
Ma 2	Differential Equations	9		
ACM 95ab	Intro. Methods Applied Math		12	12
ME 10	Thinking Like an Engineer	1		
ME 11abc	Thermal Sciences	9	9	9
ME 12abc	Mechanics	9	9	9
ME 13	Mechanical Prototyping	4		
ME 14	Design and Fabrication			9
CS 2	Programming Methods		9	
ME 129	Experimental Robotics (Adv ME Elec)			9
Ph 2a	Physics Elective	9		
	HSS	9	9	
	TOTAL	**41 (50)**	**39 (48)**	**48 (48)**
Third Year				
ACM 104	Applied Linear Algebra	9		
Ph 2c	Physics Elective			9
ME 40	Dimensional and Data Analyses	9		
ME 50ab	Experiments and Modeling		9	9
	Capstone Design	12	15	
ME 133ab	Robotics	9	9	
ME 134/169	Robotic Project			9
	HSS	9	9	18
	TOTAL	**39 (48)**	**33 (42)**	**27 (45)**
Fourth Year				
SEC 10	Technical Seminar Presentation	3		
SEC 11-13	Written Tech. Communication		3	
	Advanced ME Electives (36 units)	18	9	9
	Adv Rob and Control (2 classes)		9	9
	Intelligence (1 class)			12
	HSS	9	9	9
	TOTAL	**21 (30)**	**21 (30)**	**30 (39)**

Robotics minor additions in blue, double-counted classes in purple.

Possible ME Course Schedule (Robotics Minor) - ACM95 Junior Year

	Course	Fall	Winter	Spring
Second Year				
Ma 2	Differential Equations	9		
ME 10	Thinking Like an Engineer	1		
ME 11abc	Thermal Sciences	9	9	9
ME 12abc	Mechanics	9	9	9
ME 13	Mechanical Prototyping	4		
ME 14	Design and Fabrication			9
CS 2	Programming Methods		9	
ME 129	Experimental Robotics (Adv ME Elec)			9
Ph 2	Physics Elective	9	9	
	HSS	9	9	9
	TOTAL	**41 (50)**	**36 (45)**	**36 (45)**
Third Year				
ACM 95ab	Intro. Methods Applied Math		12	12
ACM 104	Applied Linear Algebra	9		
ME 40	Dimensional and Data Analyses	9		
	Capstone Design	12	15	
ME 133ab	Robotics	9	9	
ME 134/169	Robotic Project			9
	Intelligence (1 class)			12
	HSS	9	9	9
	TOTAL	**39 (48)**	**36 (45)**	**33 (42)**
Fourth Year				
SEC 10	Technical Seminar Presentation	3		
SEC 11-13	Written Tech. Communication		3	
ME 50ab	Experiments and Modeling		9	9
	Advanced ME Electives (36 units)	18	9	9
	Adv Rob and Control (2 classes)		9	9
	HSS	9	9	9
	TOTAL	**21 (30)**	**30 (39)**	**27 (36)**

Robotics minor additions in blue, double-counted classes in purple.

Possible ME Course Schedule (Robotics Minor) - Late Start on Minor

	Course	Fall	Winter	Spring
Second Year				
Ma 2	Differential Equations	9		
ACM 95ab	Intro. Methods Applied Math		12	12
ME 10	Thinking Like an Engineer	1		
ME 11abc	Thermal Sciences	9	9	9
ME 12abc	Mechanics	9	9	9
ME 13	Mechanical Prototyping	4		
ME 14	Design and Fabrication			9
CS 2	Programming Methods		9	
Ph 2	Physics Elective	9		9
	HSS	9	9	
	TOTAL	**41 (50)**	**39 (48)**	**48 (48)**
Third Year				
ACM 104	Applied Linear Algebra	9		
ME 40	Dimensional and Data Analyses	9		
ME 50ab	Experiments and Modeling		9	9
	Capstone Design	12	15	
	Advanced ME Electives	9	9	
ME 129	Experimental Robotics (Adv ME Elec)			9
	Intelligence (1 class)			12
	HSS	9	9	18
	TOTAL	**39 (48)**	**33 (42)**	**30 (48)**
Fourth Year				
SEC 10	Technical Seminar Presentation	3		
SEC 11-13	Written Tech. Communication		3	
	Advanced ME Electives	9		9
ME 133ab	Robotics	9	9	
ME 134/169	Robotic Project			9
	Adv Rob and Control (2 classes)	9	9	
	HSS	9	9	9
	TOTAL	**30 (39)**	**21 (30)**	**18 (27)**

Robotics minor additions in blue, double-counted classes in purple.