

Freshman	Fall		Sem	Grade	Hrs	Milestones	
	ENGL 1101	Composition I			3	Complete ENGL 1101	<input type="checkbox"/>
	MATH 1441	Calculus I			4		<input type="checkbox"/>
	CHEM 1310	Comp. General Chemistry			4	Complete Area A MATH requirements	<input type="checkbox"/>
	ENGR 1133	Engineering Graphics			3	Complete FYE 1220	<input type="checkbox"/>
	ENGR 1310	Manufacturing Processes Lab			1		<input type="checkbox"/>
	FYE 1220	First-Year Seminar			2		<input type="checkbox"/>
					Explore campus activities and orgs.	<input type="checkbox"/>	
Total					17		
Tips: Meet with your Academic Advisor before your registration date so you can register on time! Attend an Academic Success Workshop to learn about time management, study tips, procrastination, etc.							

	Spring		Sem	Grade	Hrs	Milestones	
	ENGL 1102	Composition II			3	Complete ENGL 1102	<input type="checkbox"/>
	MATH 2242	Calculus II			4		<input type="checkbox"/>
	PHYS 2211K	Principles of Physics I			4	Complete MATH 2242 with C or better	<input type="checkbox"/>
	ENGR 2112	Solid Modeling & Analysis			1	Complete PHYS 2211K with C or better	<input type="checkbox"/>
	ENGR 1131	Programming & Computing Apps.			3		<input type="checkbox"/>
	CORE 2000	CORE Capstone			1		<input type="checkbox"/>
					Use academic success and tutoring services	<input type="checkbox"/>	
Total					16		
Tips: Courses not completed in Fall or Spring can be taken over Summer (if available) to stay on track! Attend an Academic Success Workshop to learn about note taking, email etiquette, professionalism, etc.							

Target credit hours: 33 /130 Total credit hours earned: 33

Sophomore	Fall		Sem	Grade	Hrs	Milestones	
	MATH 2243	Calculus III			4	Complete PHYS requirements	<input type="checkbox"/>
	PHYS 2212K	Principles of Physics II			4		<input type="checkbox"/>
	ENGR 2231	Engineering Mechanics I (Statics)			3	Complete MATH 2243 with C or better	<input type="checkbox"/>
	ENGR 2139	Numerical Methods in Engineering			3		<input type="checkbox"/>
	POLS 1101	American Government			3	Complete ENGR 2231 with C or better	<input type="checkbox"/>
							<input type="checkbox"/>
Total					17		
Tips: Visit the Major and Career Exploration center to learn more about potential career paths for your major!							

	Spring		Sem	Grade	Hrs	Milestones	
	MATH 3230	Ordinary Differential Equations			3	Complete CORE 2000	<input type="checkbox"/>
	ENGR 2131	Electronics & Circuits Analysis			3		<input type="checkbox"/>
	ENGR 2232	Dynamics of Rigid Bodies			3	Complete ENGR 2232 with C or better	<input type="checkbox"/>
	ENGR 3233	Mechanics of Materials			3		<input type="checkbox"/>
	MENG 2110	Case Studies in Design & Analysis			1	Complete ENGR 3233 with C or better	<input type="checkbox"/>
	Lower-Division Emphasis Elective			3	<input type="checkbox"/>		
					Search for internship and co-ops	<input type="checkbox"/>	
Total					16		
Tips: Courses not completed in Fall or Spring can be taken over Summer (if available) to stay on track!							

Target credit hours: 66 /130 Total credit hours earned: 66

Junior	Fall		Sem	Grade	Hrs	Milestones	
	ENGR 3235	Fluid Mechanics			3	Seek out undergrad research opportunities	<input type="checkbox"/>
	ENGR 3431	Thermodynamics			3	Consider a leadership role in a student org	<input type="checkbox"/>
	MENG 3135	Machine Design			3		<input type="checkbox"/>
	MENG 3331	Materials Science			3		<input type="checkbox"/>
	MENG 3311	Materials Science Lab			1	Attend the STEM career fair	<input type="checkbox"/>
		Area E - US History Elective			3		<input type="checkbox"/>
Total					16		
Tips: Courses not completed in Fall or Spring can be taken over Summer (if available) to stay on track!							

	Spring		Sem	Grade	Hrs	Milestones	
	MENG 3233	Heat Transfer			3	Create your resume - visit the Office of Career and Professional Development	<input type="checkbox"/>
	MENG 3130	Mechanism Design			3		<input type="checkbox"/>
	MENG 3333	Materials Processing Studio			3	Explore graduate programs	<input type="checkbox"/>
	MENG 3531	Introduction to Mechatronics			3		<input type="checkbox"/>
	MENG 3511	Measurement & Instrumentation Lab			1	Attend the STEM career fair	<input type="checkbox"/>
		Area B - World History Elective			3		<input type="checkbox"/>
Total					16		
Tips: Courses not completed in Fall or Spring can be taken over Summer (if available) to stay on track!							

Target credit hours: 98 /130 Total credit hours earned: 98

Senior	Fall		Sem	Grade	Hrs	Milestones	
	MENG 4210	Energy Science Laboratory			1	Apply for graduation	<input type="checkbox"/>
	MENG 4214	Advanced Mechanics Lab			1		<input type="checkbox"/>
	MENG 4430	Quality Control & Project Mngmt.			3	Attend the STEM career fair	<input type="checkbox"/>
		Modeling & Simulation Requirement			3		<input type="checkbox"/>
		Upper-Division Emphasis Elective 1			3		<input type="checkbox"/>
		Area B - Global Perspective Elective			3		<input type="checkbox"/>
		Area C - Literature/Philosophy			3		<input type="checkbox"/>
Total					17		
Tips: Check DegreeWorks and confer with your advisor via email to verify you are on track to graduate!							

	Spring		Sem	Grade	Hrs	Milestones	
	MENG 4612	Senior Seminar			1	Begin the job search process	<input type="checkbox"/>
	MENG 5137	Mechanical System Design			3		<input type="checkbox"/>
		Upper-Division Emphasis Elective 2			3	Prepare for the FE exam	<input type="checkbox"/>
	KINS 1525	Concepts of Health & Physical Activity			2		<input type="checkbox"/>
		Area C - Arts and Humanities Elective			3		<input type="checkbox"/>
		Area E - Social Science Elective			3	<input type="checkbox"/>	
Total					15		
Tips: Courses not completed in Fall or Spring can be taken over Summer (if available) to stay on track! You can utilize the Dean's Closet in order to find business appropriate clothes to borrow for interviews!							

Target credit hours: 130 /130 Total credit hours earned: 130