

Program Map

Student Services Center

Major: B.S. Manufacturing Engineering
Catalog Year: 2019-2020

Student:

EID:

Freshman	Fall	Sem	Grade	Hrs	Milestones
	MATH 1441 Calculus I			4	Complete ENGL 1101 <input type="checkbox"/>
	CHEM 1310 Comprehensive General Chemistry			4	
	ENGR 1133 Engineering Graphics			3	Complete Area A MATH with C or better <input type="checkbox"/>
	ENGL 1101 Composition I			3	
	MENG 1310 MFG Processes Lab			1	Complete FYE 1220 <input type="checkbox"/>
	FYE 1220 First Year Seminar			2	
				Explore campus activities and organizations <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
MFGE 2534 Material Science Studio for MFGE				3	Complete ENGL 1102 <input type="checkbox"/>
MATH 2242 Calculus II				4	
PHYS 2211K Principles of Physics I				4	Complete Physics I with C or better <input type="checkbox"/>
ENGL 1102 Composition II				3	
HIST 111x World History				3	Utilize academic success and tutoring services <input type="checkbox"/>
Total				17	

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 34/130

Total credit hours earned 34

Sophomore	Fall	Sem	Grade	Hrs	Milestones
	MFGE 2142 Fundamentals of Engr Mechanics			4	Complete all PHYS requirements <input type="checkbox"/>
	MFGE 2533 Manufacturing Processing 2			3	
	STAT 1401 Introduction to Statistics			3	Attend the Career Fair <input type="checkbox"/>
	PHYS 2212K Principles of Physics II			4	
	Area B Global Engagement Elective			3	
Total				17	

Tips: Meet with your Academic Advisor before your registration date so you can register on time!
Attend a Success Workshop to learn about time management, study tips, organization, etc...!

Spring		Sem	Grade	Hrs	Milestones
MFGE 2239 Engr Modeling and Math Analysis				3	Complete CORE 2000 <input type="checkbox"/>
MFGE 2534 Applied Computing in MFGE				3	
MFGE 2421 Intro to Additive Mfg				2	Pass Engineering classes with C or better <input type="checkbox"/>
MENG 2139 Numerical Methods in Engineering				3	
ENGR 2131 Electronics and Circuits Analysis				3	
CORE 2000 Core Capstone Course				1	
ECON 2105 Economics				3	
Total				18	

Tips: Courses not completed in Fall or Spring can be taken over Summer (if available) to stay on track!
Meet with a Manufacturing Engineering professor to discuss your major and networking

Target credit hours 69/130

Total credit hours earned 69

Junior	Fall	Sem	Grade	Hrs	Milestones
	MFGE 3131 Design for Mfg,Asm,& Sustainability			3	Pass MFGE classes with C or better <input type="checkbox"/>
	MFGE 3421 Industrial Controls and Networking			2	
	MFGE 3531 Adv Materials Process Studio			3	Consider organizational leadership role <input type="checkbox"/>
	MFGE 3541 Energy Science Studio			4	
	KINS 1525 Concepts of Health & PE			2	Attend the Career Fair <input type="checkbox"/>
Total				14	

Tips: Try to obtain a co-op or internship!

Spring		Sem	Grade	Hrs	Milestones
MFGE 3132 Quality and Statistical Control				3	Create your resume <input type="checkbox"/>
MFGE 3337 Hydraulics and Electromech Systems				3	
MFGE 3423 Facilities Design				2	Research potential grad programs <input type="checkbox"/>
POLS 1101 American Government				3	
SACS Free Elective				3	Attend the Career Fair <input type="checkbox"/>
Total				14	Pass MFGE classes with C or better <input type="checkbox"/>

Tips: Courses not completed in Fall or Spring can be taken over Summer (if available) to stay on track!
If considering Graduate School, identify possible schools and obtain admissions information

Target credit hours 97/130

Total credit hours earned 97

Senior	Fall	Sem	Grade	Hrs	Milestones
	MFGE 4321 Manufacturing Capstone I			2	Pass MFGE classes with C or better <input type="checkbox"/>
	MFGE 4135 Lean Mfg Principles & Engr Proj Mgnt			3	
	MFGE 4533 Industrial Robotics and Automation			3	Apply for Graduation <input type="checkbox"/>
	Manufacturing Engineering Elective			3	
	Area C ENGL 2111/2112 or PHIL 2010/2030			3	Start your senior capstone project <input type="checkbox"/>
	HIST 211x United States History			3	
Total				17	

Tips: Check DegreeWorks and confer with your advisor via email to verify you are on track to graduate!
If interested in Graduate School take necessary entrance exams.

Spring		Sem	Grade	Hrs	Milestones
MFGE 4322 Manufacturing Engr Capstone II				2	Pass MFGE classes with C or better <input type="checkbox"/>
MFGE 4614 Senior Seminar				1	
Manufacturing Engineering Electives				6	Begin the job search process <input type="checkbox"/>
Area C Humanities/Fine Arts				3	
Area D Area D Science Elective				4	Buy Cap & Gown <input type="checkbox"/>
Total				16	

Tips: Graduate! Apply for jobs!
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

Georgia Southern University accepts the premise that ultimately a student's program is his or her own responsibility.

Taking any coursework that does not fit within your chosen program of study may impact your financial aid.