**Student Success Map**

**B.S. in Sustainable Manufacturing**
Department of Mechanical and Mechatronic Engineering and Sustainable Manufacturing

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### Essentials for Every Semester

- Mandatory major advising is required prior to registration in spring semester. Holds are placed on registration until you meet with your advisor.
- For general education course selection, consult Advisers in SSC 220.
- Meet deadlines to register, pay fees, and apply for financial aid.
- Check your DPR. Are you on track to meet requirements?
- Complete a sufficient number of units each term (25–36 units) to graduate in four years. Some programs require more.
- Check your Student Center prior to registration for registration holds and updating your personal info.
- Check your Student Center in the first two weeks of classes to confirm your class schedule and that all adds and drops have been processed as you expected.
- Check your Student Center after each semester for your grades and academic standing. If your GPA drops below a 2.0, consult an Adviser in SSC 220 and your faculty adviser.

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### FRESHMAN

**Learn where to find and how to use campus resources such as the Student Learning Center, Health Center, Academic Advising, Wellness Center, Writing Center and your faculty advisor.**

- Make a point to stop by and meet your professors and major advisor during their office hours. Do not be afraid to make an appointment if office hour times are not convenient.
- Obtain your Major Academic Plan (MAP). Make a note of the spring or fall only courses and prerequisites. Proper sequencing of courses is critical. CHEM 101, MCHR 101/111, PHYS 105A, and SMFG 160 are critical to take during Freshman year to stay on track.
- If you need preparatory math and/or English courses, complete them in your first year.

### SOPHOMORE

**Know how to use your Degree Progress Report (DPR) in your Student Center. Go to Academic Advising for help.**

- Complete SMFG 211 & 261, both are spring-only classes, and other courses that are prerequisites for the required fall-spring-fall sequential courses.
- Declare a Managing for Sustainability Minor.
- Consider looking for on- or off-campus work or internships related to Sustainable Manufacturing. Leverage the career center and job fairs to seek opportunities. Internships provide you with valuable work experience prior to graduation.

### JUNIOR

**Meet with your faculty advisor to review your Degree Progress Report (DPR). Apply for graduation one year in advance of your expected graduation date.**

- Begin your Upper Division GE Pathway courses by registering for GEOG 304 and ENGL 338Z. These are built in the curriculum.
- Complete SMFG 386 and operate robots and automation tools.
- Consult the University catalog or your faculty adviser for GE modifications for this major.
- Look for opportunities to connect and partner with students across campus through the Student Services Center.

### SENIOR

**Check in with your faculty advisor to check all major requirements. Confirm graduation progress with an Evaluator in SSC 220.**

- Review your involvement, leadership, and cultural resumes. Have you participated in on- or off-campus activities such as clubs, community service, recreational opportunities, musical, dramatic or cultural performances, lectures or forums? Run for a leadership position in a club! Lead a team in a club competition!
- Volunteer in a community activity or program.
- Network with alumni, advisory boards, professional organizations, and other potential employers.
- Send your resumes to online sources, communicate with digital social media networks for job postings and career advice.
- Take the CMGT Exam to earn your certificate in manufacturing. Consider taking other appropriate exams such as the GRE if graduate school is a consideration.

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### Get the Right Classes

- Select courses in GE that meet the diversity requirements (US Diversity, Global cultures, and Writing Intensive).
- Consider a time management workshop in the Student Learning Center.
- Use the Career Center to assess your interests, skills, and work values.
- Explore Study Abroad opportunities. Attend an info meeting they offer every semester. Consider National Student Exchange.
- Attend a resume writing workshop and create a resume. Join a manufacturing-related professional organization.

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### Take the Right Classes

- Visit the Student Activities Office. Check out the Freshman Leadership Opportunity (FLO).
- Read the Book in Common (BIC) and participate in BIC activities.
- Visit the Student Learning Center. Attend a career fair to learn about career opportunities and résumé postings and career advice.
- Network with professional organization.
- Join a manufacturing-related workshop and create a resume. Apply to a leadership position in a club! Lead a team in a club competition!
- Visit the Career Center to learn about career opportunities and résumé building. Attend a career fair on campus, regularly scheduled early in fall semesters and several times during spring semesters.

### Apply What You Learn

- Learn where to find and how to use campus resources such as the Student Learning Center, Health Center, Academic Advising, Wellness Center, Writing Center and your faculty advisor.
- Make a point to stop by and meet your professors and major advisor during their office hours. Do not be afraid to make an appointment if office hour times are not convenient.
- Obtain your Major Academic Plan (MAP). Make a note of the spring or fall only courses and prerequisites. Proper sequencing of courses is critical. CHEM 101, MCHR 101/111, PHYS 105A, and SMFG 160 are critical to take during Freshman year to stay on track.
- If you need preparatory math and/or English courses, complete them in your first year.

### Get Involved!

- Society of Manufacturing Engineers, Society of Plastics Engineers, and the Society of Automotive Engineers all have student chapters that have significant SMFG student involvement.
- Visit the Student Activities Office. Check out the Freshman Leadership Opportunity (FLO).
- Read the Book in Common (BIC) and participate in BIC activities.

### Connect with Peers

- Select courses in GE that meet the diversity requirements (US Diversity, Global cultures, and Writing Intensive).
- Consider a time management workshop in the Student Learning Center.
- Use the Career Center to assess your interests, skills, and work values.
- Explore Study Abroad opportunities. Attend an info meeting they offer every semester. Consider National Student Exchange.
- Attend a resume writing workshop and create a resume. Join a manufacturing-related professional organization.

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### Graduation and Beyond

- Applications Engineer
- Automation Engineer
- Business Development Manager
- Environmental Health and Safety Officer
- Manufacturing Engineer/Manager
- Operations Manager
- Process Engineer
- Product Designer
- Production Supervisor
- Project Engineer/Manager
- Purchasing Manager
- Quality Manager
- Recycling/Resource Manager
- Research and Development Technician
- Sustainability Manager
- Technical Sales/Writer

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**Department of Mechanical and Mechatronic Engineering and Sustainable Manufacturing**

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