



# Materials Science and Engineering

with Rebecca Brown



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# MSEN Transfer Advising Agenda

- Introduction
- Advising Expectations
- Student Responsibilities
- MSEN Overview
- Degree Plan
- Registration
- New Student Orientation
- Lunch locations

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# MSEN Advisor

## Rebecca Brown

I am your Academic Advisor and first point of contact in MSEN. I have a Master of Arts degree in Higher Education Leadership and more than five years' experience in Student Affairs. When not helping students reach their academic and personal goals, I enjoy hiking, bird watching, crocheting, and weaving. Welcome to MSEN!

[msen-ug-advising@tamu.edu](mailto:msen-ug-advising@tamu.edu)







# Advisor Responsibilities



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# Advising Responsibilities

- Effectively communicate program requirements and important deadlines.
- Provide appropriate referral to campus resources and services.
- Collaborate with students to development realistic personal, professional, and academic goals.
- Enforce university, college, and department policies.
- Deliver student success and retention strategies.
- Monitor student progress through MSEN program.

A female scientist with dark hair, wearing safety glasses and a white lab coat, is working in a laboratory. She is wearing blue gloves and is focused on a task involving a clear container. In the background, there are various laboratory equipment and a rack of clear plastic storage bins. The text "Student Responsibilities" is overlaid on the image in a white serif font on a dark red background.

# Student Responsibilities

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# Student Responsibilities

- Have knowledge of and adhere to **Student Rules**.
- Be aware of and adhere to all MSEN Department and University deadlines (**Academic Calendar**).
- Schedule advising appointments in a timely manner.
- Accept personal responsibility for your own decisions and actions.
- Read email correspondence from the Department of Materials Science and Engineering and act accordingly.
- Understand the requirements and policies outlined in the MSEN Canvas Community.
- Research programs and courses of interest and have knowledge of requirements noted in Undergraduate Catalog.





# MSEN Overview



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# MSEN Undergraduate Program Leadership



**Dr. Ibrahim Karaman**  
Department Head  
MSEN



**Dr. Patrick Shamberger**  
Director  
UG Program, MSEN



**Dr. Kadri Can Atli**  
Assistant Director  
UG Program, MSEN

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# MSEN Curriculum Overview

- 2- to 3-Year Curriculum after transfer
- Major Coursework - 49 hrs
- Supporting Coursework – 24 hrs
  - General Engineering Courses (ENGR 102, 216, 217) – 6 hrs
  - Technical (MSEN) Electives - 9 hrs
  - Specialty Electives (MSEN and non-MSEN electives) - 9 hrs
- Mathematics – 14 hrs (MATH 151, 152, 251, 307)
- Physics/Chemistry – 14 hrs (PHYS 206, 207 and CHEM 119, 120)
- UCC Electives (including international/cultural discourse) - 27 hrs



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# Notes on MSEN Curriculum

- MSEN core courses are offered in Spring and Fall except 281, 401 and 402.
- Some MSEN elective courses are offered in Spring, and some are offered in Fall.
- MSEN does not waive prerequisites or corequisites.
- Prerequisite courses must be on your academic record, or you must provide a screenshot of grades for overrides.

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# Notes on Course Planning

- PHYS 207, ENGR 102, and MATH 251 should be completed by Spring 2026. **DO NOT PUT THEM OFF!**
- CHEM 120 **MUST** be completed by Spring 2026 to take MSEN 250.
- If you don't complete these courses in Spring, you should take them over the summer to be ready for Fall coursework.



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# MSEN New Student Orientation

**Friday 8/29 at  
10am in RDMC 202**

Please join us for the  
MSEN new Student  
Orientation for a more in-  
depth look at the  
curriculum and  
opportunities open to  
you as an MSEN student.





**WHERE AM I EATING  
DURING NSC?**

[https://dineoncampus.com/  
tamu/summer-nscs](https://dineoncampus.com/tamu/summer-nscs)

**NSC Dining Locations Near Us:**

**Salata  
Panda Express  
Shake Smart  
(Polo Road Garage)**



# Course Registration

A wide-angle photograph of a modern university campus. In the background, a large, multi-story building with a grid-like facade of windows and concrete pillars stands under a clear sky. The foreground is dominated by a lush green lawn. To the right, a large, intricate sculpture made of interconnected metal rods forms a spherical, crystalline shape, casting a shadow on the grass. Several young trees are planted in small circular patches across the lawn. A concrete curb runs along the bottom of the frame, separating the lawn from a paved area.

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# Planned Courses for Fall 2025

- MSEN 201 Fundamental MSEN (3 sch)
- MSEN 205 Materials in Society (2 sch)
- Additional Courses if not already completed:
  - CHEM 120 (4 sch)
  - MATH 251 (3 sch)
  - PHYS 207 (3 sch)
  - ENGR 102 (2 sch)

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# Schedule Builder

- Schedule Builder Overview
- Preregistration Tasks
- Adding Courses
- Reviewing Restrictions, Prerequisites and Section Fees
- Reviewing possible schedules
- Sending courses to shopping cart
- Registering for Courses
- Troubleshooting



# Thanks & Gig 'em!

## Contact Rebecca Brown



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