

Materials Science & Engineering  
Honors Advising Sheet

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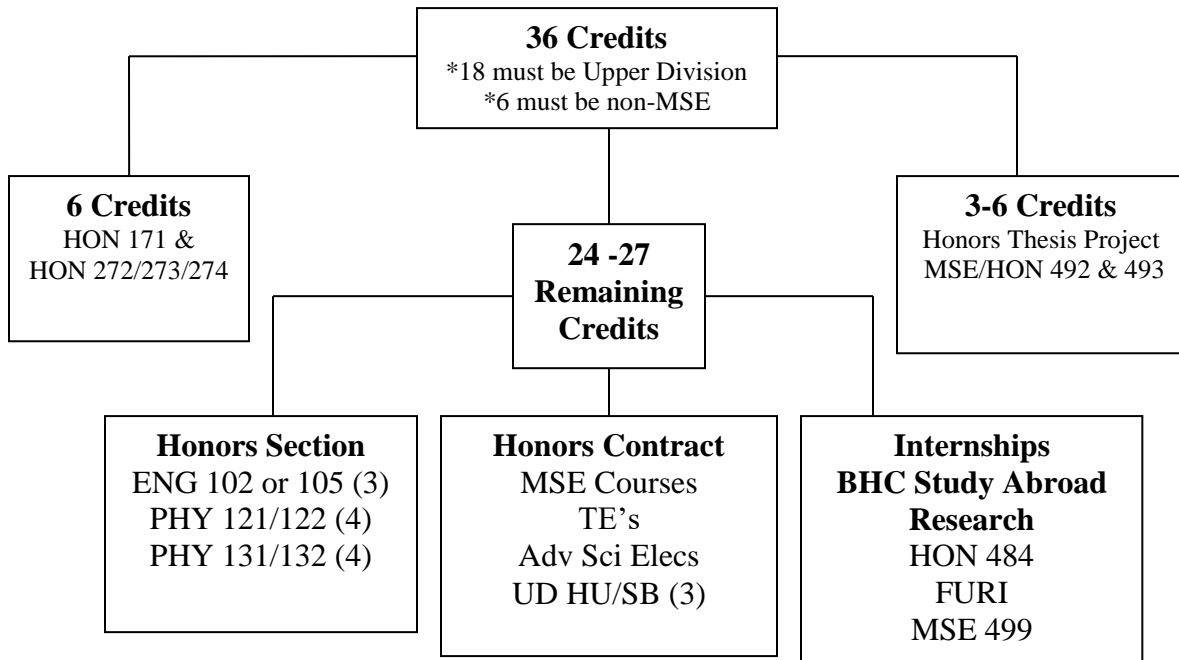
Location: ERC 481

Phone: (480) 965-3316

The Materials Science & Engineering program in collaboration with Barrett, The Honors College will provide opportunities for our students to live, study, and play, here at the ASU-Tempe Campus. In order to support you in your educational endeavors here, we would like to equip you with all the necessary information you will need to complete your Honors degree here.

As an Honors student, you are part of an elite group on campus. Your participation will gain you access to a select advising group within Materials Science & Engineering, you will be invited to special Honors events, and your Honors degree will distinguish you from your peers in the graduate school admissions process and when applying for jobs in industry.

Below you will find more information about how you can incorporate your Honors degree requirements with your Materials Science & Engineering degree requirements.



**\*Honors Section** - courses are designated by the department offering a specific course. In order to receive Honors credit, you would need to enroll in that designated section, with the exception of ENG 105, in which case, it just needs to be an IN-PERSON section.

**\*Honors Contract** – any course can be turned into an Honors course with permission of the instructor. This is typically done by writing a paper, but can also include extra lab experiments done in the course or in a parallel course (i.e., extra lab work done in MSE 356 can count for credit in MSE 355, lab work done in MSE 421 can count for honors credit in MSE 420, etc.). In general lab reports should include a reflection on the broader impact of the lab experiment.

**\*Internship** – Students register for HON 484 (Internship Seminar) and find a paid or unpaid internship, with approval from the Honors College that usually lasts the duration of the semester. Students can earn 1-3 credits per semester for this seminar. Credits earned are based upon the number of hours worked (i.e. 45hrs = 1 credit). Maximum number of hours allowed for the internship is 6 credits.

**\*BHC Study Abroad** – Earn credit for studying abroad in the summer with Honors students and faculty.

**\*Research** – Student can earn research credit by participating in the FURI program or enrolling in MSE 499 (Directed Study) with an Honors Contract. Go to our website: <https://semt.eengineering.asu.edu/faculty/> to see what kinds of research our faculty are doing and then contact them to see if they'll be willing to work with you. Students should contact their assigned academic advisor once they are doing research with faculty to discuss their options for MSE 499. MSE 499 requires senior standing in the major and a 3.0 GPA minimum. However, there is a maximum of 6 credits of research (MSE 492, 493, and 499) allowed toward Technical Electives.

**Honors Thesis:** Students should sign up for MSE 492/493 for 3-6 credits. This requires at least 2 ASU faculty as reviewers. It is strongly recommended that you find a topic by the last semester of your junior year.

**Honors Defense:** We strongly recommend that students attend at least one honors defense before working on their own honors thesis. Barrett posts a list of honors defenses (ask your Barrett advisor for the list).