

ANSWERS TO FREQUENTLY ASKED MSE QUESTIONS

- **MAT SCI 10** - First year (non-transfer) students are strongly urged to take Mat Sci 10; however, if it is not taken in the first year, the MSE department will waive the course requirement. Transfer students need not take Mat Sci 10.
- **COM SCI 31 OR C&EE M20/MAE M20 (EFFECTIVE FALL 2014)** –Materials Science Engineering majors have the option of taking either Com Sci 31 or MECH&AE M20 (same as C&EE M20) to fulfill the programming requirement. MSE Vice Chair, Professor Kodambaka's recommendation between taking either CS 31 or MATLAB is that there is no preference from the department. Professor Kodambaka said that either MATLAB or CS 31 will provide students with the basic skills necessary in Materials Science and Engineering.
Materials Science Engineering majors in the Fall 2013-2014 catalog and prior do have the option to take MECH&AE M20 in place of CS 31 by submitting a petition to 6426 Boelter Hall. For students who already completed CS 31, you may move CS 31 to be a Technical Breadth Requirement in the Engineering Science area OR the CS Tech Breadth area. A petition may be necessary. Please consult with a MSE counselor if you have questions about this.
- **EE 121B** - Students who've taken either Mat Sci 120 or EE 2 will have satisfied the requisite for EE 121B.
- **MAT SCI 121** - The requisite for Mat Sci 121 will be satisfied by taking Mat Sci 120 OR EE 2.
- **MAT SCI 140** - Students following the Electronic Materials Option will satisfy the requisites for Mat Sci 140 by taking any two of the following courses: Mat Sci 132, 150, and 160 so please select at least two of these courses as your electives if you are following the Electronic Materials option.
- **MAT SCI 143A** - For students following the Materials Engineering Option: if you have not taken Mech&AE 101, you will have satisfied the requisites for Mat Sci 143A if you have taken Mat Sci 104, C&EE 101 and C&EE 108.
- **MAE 105A/ CHE 102A** – Students following the previous catalogs Electronic Materials Option and Straight Option that have taken thermodynamics prior to fall 2016 and switch to the 2017-2019 catalog

year. May use the thermodynamics course as an elective option (by petition).

- **ELECTIVES** - Students should refer to the HSSEAS catalog announcement for the year they were admitted to the major to review the MSE elective list for their option.
- **FULL/CLOSED MSE COURSES** – If a MSE course is full, you should submit an Enrollment Consideration Request (ECR) form:
<http://www.seasoasa.ucla.edu/ECR>
To take full advantage of the ECR, you should be submitting this as soon as you are unable to enroll because a class is full. This helps us measure demand and allows us to work with the department to see how many more people can be accommodated. It also puts you on a list so that if there are any course updates, everyone on the survey will be notified and have insider information as to when new sections are opening, etc. Please note that filling this out is not a guarantee of enrollment, or that the department will be able to accommodate your request, but it gives you your best chance. Be sure you enroll and plan alternate course options available to you in case you do not get in.
- **WAITLIST** – If a MSE course is on the schedule as wait listed then it is being offered. Students who are interested in the course should secure a spot on the wait list for best chance of enrollment. NOTE: All upper division MSE labs are wait list only due to very limited space. A wait list allows the department to give priority to graduating seniors if demand exceeds availability. If the demand does not exceed available space then everyone on the wait list will most likely be enrolled into the course. If all wait list spots become full then utilize the [Enrollment Consideration Request Form \(ECR\)](#).
- **CLASS PLANNING TIPS**
Please follow the Class Planning Tips outlined for you below. All students should have an idea of when they plan to graduate. Students who begin upper division course work (100-199) are especially encouraged to begin their time to degree plans now if you have not already done so.
- Run a new DARS audit:
<http://www.seasoasa.ucla.edu/undergraduates/DARS>

- Print the MSE worksheet according to the option you are following:
<http://www.seasoasa.ucla.edu/undergraduates/curricular-requirements-department-information#materials-science-and-engineering>
- Cross out all the courses you have completed on your worksheet and highlight your remaining requirements per your DARS audit (if you notice a discrepancy please contact an academic counselor)
- Plan out your remaining requirements by paying attention to the requisites (listed in the course description) and making sure a course is placed in a quarter it's actually offered by checking the MSE term offering link at seasoasa.ucla.edu → undergraduates → curricular requirements and departmental information → MSE Tentative Course Offerings
- You should prioritize completing any missing lower division courses first. Avoid two math courses in the same quarter if you are working on lower division. After lower division priority should be given to required MSE courses over electives as this will allow for the most flexibility in a senior schedule. Therefore, plan electives and any remaining GE courses last or where you have space or a gap.
- Complete the ethics requirement (ENGR 183EW, 185EW, or 182EW) prior to taking your senior design courses
- Make note of MSE lab courses and spread them out as much as possible:
- When moving courses around, please make sure to check how moving that course will impact future planned courses. For example: do not move Fall only courses (ex: MSE 110) to another Fall quarter without checking how it will impact your Winter and Spring courses.
- Once you have an idea of when you should expect to graduate you should declare a degree expected term (DET) through MyUCLA. By declaring a Degree Expected Term you are assisting the department and OASA in assessing lab space demand for many of the MSE labs. Do you want space in a lab? Help us prioritize by doing your part.
- If you need assistance with planning your schedule or you find issues with your plans or want to review your plans please contact an academic counselor so we may assist you. We highly recommend that students meet with an academic counselor in the Office of Academic and Student Affairs (OASA, 6426 BH) at least once a year to make sure you are on track to meet your degree requirements. To schedule an appointment, please call 310-825-9580.