

# How to Make Your Schedule

– a non-binding checklist

## Use your resources:

- <https://engineering.virginia.edu/departments/materials-science-and-engineering/undergraduate/mse-major> and all the worksheets offered.
- Download the excel worksheet “BS-MSE worksheet by requirement”
- Keep a notes of all your ideas, and desires for your studies – revisit often.

Required Courses: <ul style="list-style-type: none"><li>• General Core (science, math, CS basics)</li><li>• MSE Core</li></ul>	Pay attention to general requirements, some might be covered by your AP credit, others can be taken in the summer at a community college. Inquire about these substitutions. Make sure you build up the prerequisites for your MSE core.
Which courses are offered in the next term?	Take the longer view – some courses are offered once an academic year and not every term. Make sure no to miss out on the required classes and prerequisites. Keep a tally!
MSE Electives	Check your interests – are you excited about electronic materials, polymers, metallurgy, corrosion.... ? No idea what that is? Contact the professor teaching those courses, or ask your designated advisor. Choose the electives from the list at the bottom of the worksheet.
Technical and Engineering Electives	Which other fields in engineering (or science or math or statistics or data science) are of interest to you? Roam Lou’s list for inspiration, ask your classmates...
Minor	Are you very interested in another field of study? Chemical Engineering, or CS or MAE are frequently combined with an MSE major. Consider a minor!
Research	Start early – you can do research in your second year! There are many, many research opportunities available to students: contact a professor with interesting research (maybe a class inspired you!), talk to your professors... Note that you can take research for credit – can be counted as technical elective, or MSE elective (max of 3 credits).
Prerequisites	Double check you have considered all required prerequisites.
Unrestricted Electives	Music? Literature? Another language? This is your chance to follow your curiosity and passions.