

## Department of Mechanical Engineering Undergraduate Office Advising FAQ

- *Who is my advisor?*

Dr. David Bigio or Terry Island,

- *When can I see an advisor?*

2186 Glen Martin Hall,  
Phone: 301-405-2199  
[dbigio@umd.edu](mailto:dbigio@umd.edu) or [tisland.umd.edu](mailto:tisland.umd.edu)

- *Can I make an appointment?*

Yes, email [tisland@umd.edu](mailto:tisland@umd.edu) or call 301-405-2199.

- *I have a question on CORE courses, repeat policy, AP credits, where should I go?*

Engineering Student Affairs, 1124 Martin Hall

- *How can I find out more about Career Paths in Mechanical Engineering?*

The ME department offers a one credit, P/F, course ENME 201, each semester. The course is taught by the Department Chair Dr. Avram Bar-Cohen and introduces students to the different careers in Mechanical Engineering.

Ask ME faculty

Check the ASME website at [www.asme.org](http://www.asme.org)

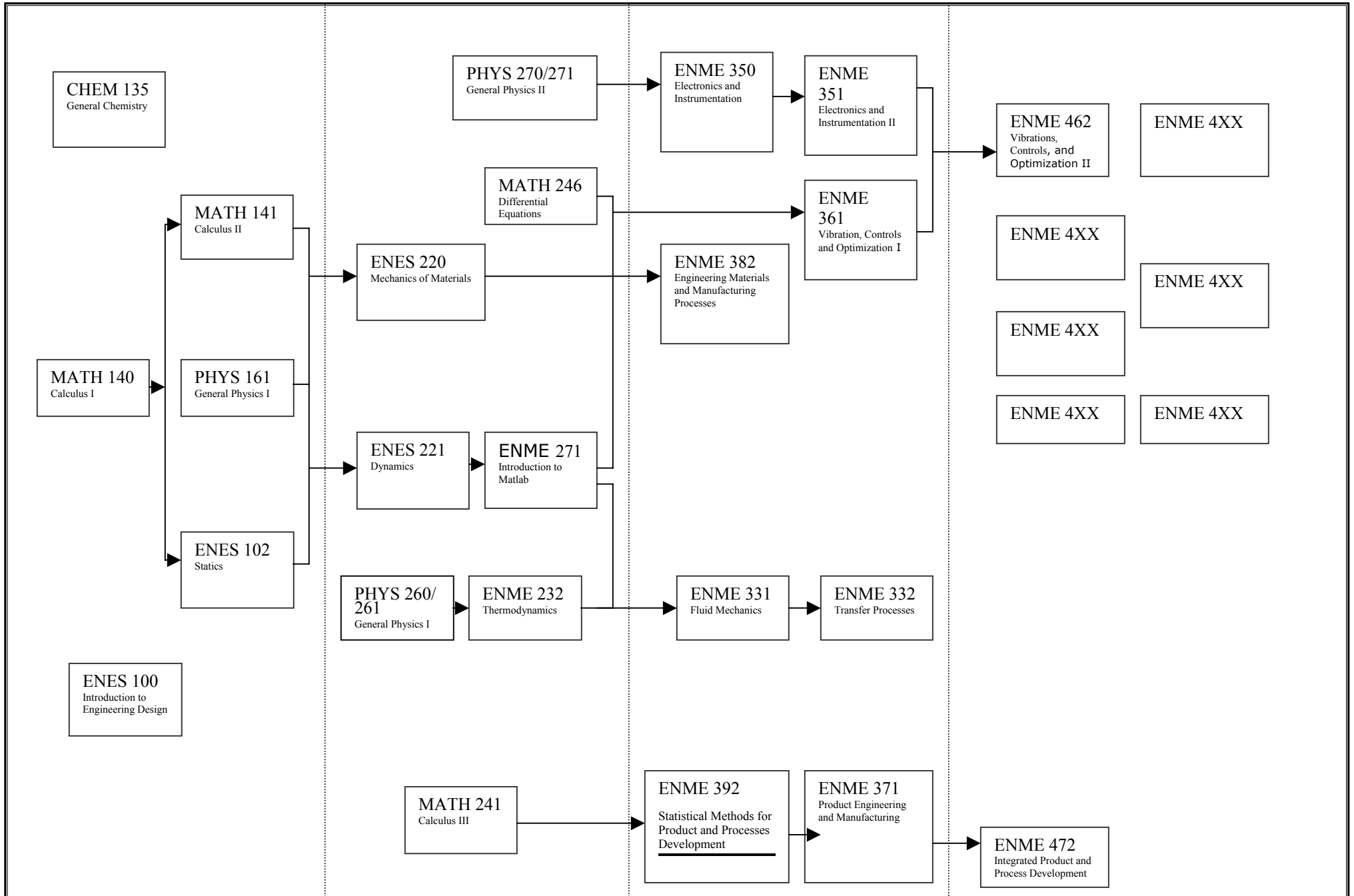
Ask the ME Director of Undergraduate Studies: Dr. David Bigio.

- *How do I know which courses I need to register for?*

Refer to the chart below. Arrows indicate prerequisites except for ENES221 and ENME271.

---

## Department of Mechanical Engineering - Course Map



(Note: You are allowed, if you wish, to take up to two electives outside of your major. These may be any 300 or 400 level courses in MATH, PHYS, COMP-SCIENCE, CHEM, BMGT or ENGINEERING. If you take an elective outside of your major, it will also count as one of your advanced studies upper core.) Arrows indicate prerequisites except for ENES221 and ENME271.

## Department of Mechanical Engineering - Course Map

- *Is it true that STAT 400 can be substituted for ENME 392?*

Beginning Spring 2008, students will need written permission to substitute STAT 400 for ENME 392.

- *What is the difference between ENME 232 and ENME 320?*

ENME 320 is Thermodynamics for non-ME majors; students from other engineering departments take the course as an elective. ME students should register for ENME 232

- *Can I take electives outside the major?*

ME students are **allowed** to take up to 2 electives outside of the major, these can be: **ENES, EN., MATH, PHYS, CHEM, CMPS** or **BMGT**, 300-400 level courses. The undergraduate advisor should approve courses outside this list

- *If I take an elective outside of the major, would it also count as an advanced study CORE course?*

YES

<b>Area</b>	<b>Courses</b>
<b>Design &amp; manufacturing</b>	ENME 414 ENME 489M ENME 489D ENME 400 ENME 470
<b>Energy &amp; Environmental Engineering</b>	ENME 423 ENME 489K ENME 489A ENME 489W
<b>Engineering Management</b>	ENME 489Q ENME 489J ENME 489B BMGT courses
<b>Micro-Electro-Mechanical Systems: MEMS</b>	ENME 476 (prerequisite for ENME477) ENME 477
<b>Electronic Packaging</b>	ENME 473 (prerequisite for ENME474) ENME 474
<b>Automotive Engineering</b>	ENME 408 ENME 489V
<b>Solid Mechanics</b>	ENME 489Y ENME 489Z
<b>Robotics &amp; Automation</b>	ENME 489R ENME 489L ENME 489N ENME 489C

- *When are these courses offered?*

	Spring	Fall
ENME 408	X	X
ENME 414	X	X
ENME 423		X
ENME 470		X
ENME 473		X
ENME 474	X	
ENME 489A		X
ENME 489B	X	X
ENME 489D	X	
ENME 476		X
ENME 477	X	
ENME 489J		X
ENME 489K	X	
ENME 489M	X	
ENME 489N	X	
ENME 489P	X	X in competition years
ENME 489Q	X	
ENME 489R	X	
ENME 489V		X
ENME 489W	X	
ENME 489Y	X	
ENME 489Z		X

- *How can I get credit for research I am doing with an ME faculty?*

You can register for ENME 488 (independent study) and earn up to 6 credits.

- *What are the projects currently offered by the department?*

ENME 408: Formula SAE  
 ENME 489P: Human Powered Submarine  
 ENCE : Solar Decathlon

- *Do I have to have permission from the faculty advisor before I can register for a project?*

YES

ENME 408: Dr. Greg Schultz: gregory.schultz@atc.army.mil  
 ENME 489P: Contact department for current instructor