GENERAL ENGINEERING
PRE-REGISTRATION ADVISING
Spring 2017
GENERAL ENGINEERING ADVISORS

Bonnie Bustos-Rios  
Senior Academic Advisor

Chris Cantrell  
Senior Academic Advisor

Katelyn Godsey  
Senior Academic Advisor

Nadine Hambidge  
Senior Academic Advisor

Cathy Sperry  
Director, Academic Advising

Eileen Hoy  
Senior Academic Advisor

Sally Kallina  
Senior Academic Advisor

Kim Moses  
Senior Academic Advisor

Laura Olivarez  
Senior Academic Advisor
Can’t remember your advisor’s name or email address?
ADVISING OFFICE HOURS

Appointments
Monday - Friday
8:30AM - 11:30AM
https://swan.tamu.edu/EASA

Walk-Ins
Monday - Friday
1:30PM - 4:30PM
Check in at the front desk of the EABB

Please note office hours may change without notice.
Dual credit course equivalencies can be found using the Transfer Course Equivalency guide. The link is available in the My Record tab of your Howdy Portal.
Use the **Degree Evaluation**

**What-if Analysis** to determine how completed courses satisfy degree requirements in your intended major.
The **Degree Planner** is a tool to assist in planning required courses for your degree and helps facilitate the timely completion of your degree.

This is not due until Fall 2017!
Under your organizations look for the **Advising Community for General Engineering Majors**

Contains Information about:

- Tutoring
- Departmental events
- Student organization meetings
- General advising information
Degree plans and course descriptions are available online at:
http://catalog.tamu.edu
Spring 2017 Course Selection
• Pre-registration for spring 2017 is **November 10th - 30th**

• Pre-registration time assignments are based on **total earned hours**

• You may be eligible for **priority registration** under certain circumstances

• Your pre-registration **time assignment** will be sent via email and through your **Howdy Portal**
PRE-REGISTRATION TIPS

• Check for registration holds in your My Record tab
  – Closet Major - not following the ENGR curriculum and will need to change majors
  – Mid-term Watch or Warning - meet with your academic advisor
  – Group Advising Session - complete this presentation

• Search for classes before your registration time. Be flexible, especially with University Core Curriculum (UCC) courses

• Pay attention to course restrictions and prerequisites

• Be sure to accept your Lab Safety Acknowledgement for Spring 2017

• Once your pre-registration time window closes, you will be able to make adjustments/improvements to your schedule during open registration on Thursday, December 1 at 5AM
## MATH SEQUENCE

<table>
<thead>
<tr>
<th>Fall 2016</th>
<th>Spring 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 289 *</td>
<td>MATH 151</td>
</tr>
<tr>
<td>MATH 150 **</td>
<td>MATH 151</td>
</tr>
<tr>
<td>MATH 151 **</td>
<td>MATH 152</td>
</tr>
<tr>
<td>MATH 152 **</td>
<td>MATH 251</td>
</tr>
<tr>
<td>MATH 251 **</td>
<td>MATH 308</td>
</tr>
</tbody>
</table>

- * If you took ENGR 289, **you must retake the MPE**
- ** You must complete your Fall 16 MATH course with a grade of C or better to move on to the next MATH course in spring 2017
- If your Fall 16 math course is different from the list, please visit with your assigned advisor
SCIENCE SEQUENCE

<table>
<thead>
<tr>
<th>Fall 2016</th>
<th>Spring 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 101/111</td>
<td>CHEM 102/112 and/or PHYS 218</td>
</tr>
<tr>
<td>CHEM 107/117</td>
<td>CHEM 102/112 and/or PHYS 218</td>
</tr>
<tr>
<td>CHEM 102/112 or CHEM 107/117</td>
<td>PHYS 218</td>
</tr>
<tr>
<td>PHYS 218</td>
<td>PHYS 208 and/or CHEM 107/117</td>
</tr>
</tbody>
</table>

- If your Fall 16 science course is different from the list, please visit with your assigned advisor
- Biomedical Engineering and Chemical Engineering degrees require a two semester sequence of chemistry courses consisting of CHEM 101/111 and CHEM 102/112 or CHEM 107/117 and CHEM 102/112
- Students interested in other majors in the College of Engineering are encouraged to complete CHEM 107/117
- Computer Science prefers students to have a two semester chemistry sequence, but will allow students to use CHEM 107/117 with CHEM 102/112
- Either CHEM 107/117 or CHEM 101/111 will satisfy the prerequisite for CHEM 102/112
**ENGR SEQUENCE**

<table>
<thead>
<tr>
<th>Fall 2016</th>
<th>Spring 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 270</td>
<td>ENGR 111</td>
</tr>
<tr>
<td>ENGR 111</td>
<td>ENGR 112 *</td>
</tr>
</tbody>
</table>

* If you are currently taking ENGR 289 or MATH 150, you must co-enroll in MATH 151 in Spring 17 to take ENGR 112.
## RECOMMENDED SCHEDULE

### SPRING 2017

<table>
<thead>
<tr>
<th>Course Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH</td>
<td>4</td>
</tr>
<tr>
<td>ENGR</td>
<td>2</td>
</tr>
<tr>
<td>SCIENCE</td>
<td>4 - 8</td>
</tr>
<tr>
<td>UCC</td>
<td>3 - 6</td>
</tr>
<tr>
<td>Total</td>
<td>13 - 16</td>
</tr>
</tbody>
</table>
UNIVERSITY CORE CURRICULUM & INTERNATIONAL AND CULTURAL DIVERSITY

1 CREATIVE ARTS

ENGL 104

Communication Elective

POLS 206

POLS 207

1 SOCIAL & BEHAVIORAL SCIENCE

2 AMERICAN HISTORY

INTERNATIONAL & CULTURAL DIVERSITY
UNIVERSITY CORE CURRICULUM

http://core.tamu.edu/
IF YOU DON’T MAKE THE GRADE...

• **If you do not pass** your courses this semester with the required grade, you are responsible for **registering for that course again** during open registration.

• Please be mindful of co-requisites.

• You will not be allowed to continue in the curriculum until a grade of C or better has been earned in prerequisite courses.

• Math, science, and engineering classes **require** a grade of **C or better**.
REGISTRATION NOTES

- **CHEM 107/117** – can also be fulfilled by CHEM 101/111 + CHEM 102/112; register for lecture and lab at the same time

- **ENGR 111/112** – must be taken at TAMU

- **Mini-mester** - courses can be found online at [http://registrar.tamu.edu](http://registrar.tamu.edu)

- **Some courses require C or better** before advancing in curriculum

- Be sure to accept your [Lab Safety Acknowledgment](http://registrar.tamu.edu) for Spring 2017
SCHOLASTIC PROBATION

According to Section 12.1, Scholastic Deficiency/Probation, of the Texas A&M University Student Rules an undergraduate student is scholastically deficient when:

– A student’s term grade point average is less than 2.00; or
– A student’s cumulative grade point average is less than 2.00; or
– The cumulative grade point average in the student’s major field of study is below a 2.00; or
– The student is not meeting college and/or major course of study grade point requirements

COE Probation Policy and Student Rule 10.21

– Students repeating a course for the third time are placed on probation

http://engineering.tamu.edu/media/3722957/enge.pdf
Academic Success Center

Find Academic Coaching, Transfer Student Program, Workshops and Courses on the 9th and 10th floor of Rudder Tower.

http://successcenter.tamu.edu/
StudyHUB, sponsored by the Academic Success Center, connects you to different types of academic support resources through its centralized, searchable database. You can identify and locate on-campus resources by:

- **Subject Area** – search for a specific subject to see types of academic support available
- **Type of Support** – search by type of support, such as tutoring, help desks, academic coaching, etc.
- **Location** – search by location to see hours, website and contact information

http://studyhub.tamu.edu/
Entry-to-a-Major
ENTRY-TO-A-MAJOR (ETAM)
REQUIRED COURSEWORK

The following coursework is required to be completed at Texas A&M University

**Engineering:** Complete two courses from the following list with a “C” or better
ENGR 111 and ENGR 112
*Students who start in ENGR 289 will take ENGR 270 and ENGR 111

**Science:** Complete two science courses from the following list with a “C” or better
CHEM 107/117, CHEM 101/111, CHEM 102/112, PHYS 218, PHYS 208, PHYS 222

**Math:** Complete two math courses from the following list with a “C” or better
MATH 151, 152, 251, 253, 304, 308; CSCE 222 (Discrete Math)
*Students who start in ENGR 289 or MATH 150 will take one additional math course from the above list

http://engineering.tamu.edu/etam
ENTRY-TO-A-MAJOR (ETAM) AUTOMATIC ADMISSION

• Automatic Admission to first choice major only

• Available during first opportunity application process only

• **Cumulative GPA:** Requires a Texas A&M University Cumulative GPA of 3.5 or higher after the first two semesters

• **Coursework:** Requires two engineering, two science and two math courses taken at Texas A&M University from required coursework list
  – One of the math courses must be at least MATH 151
  – Engineering, science and math courses must be completed with a grade of C or higher

http://engineering.tamu.edu/etam
Engineering Entry to a Major

- Engineering Entry to a Major
ADMITTED STUDENT PROFILES

Analysis Spring 2016 Admission Cycle

All departments utilized the following information in making decisions about entry to a particular major:

- College academic performance
- Co-curricular activities since enrolling at Texas A&M
- Statement of purpose identifying the reasons for selecting a particular major
- Outstanding achievements that are notable for the department(s) to consider
- Additional information identifying other factors that are relevant to the academic performance

Students are encouraged to talk with their assigned academic advisors for questions about options for an engineering degree. Students are also encouraged to talk with the advisors in the desired majors.

Each link below provides a summary of the admitted student profiles for the corresponding major, resulting from the Spring 2016 entry-to-a-major process.

[Links to student profiles]

http://engineering.tamu.edu/etam
Aerospace Engineering
Biological & Agricultural Engineering
14 Engineering Departments

Biomedical Engineering
Chemical Engineering
Civil Engineering

Computer Science & Engineering
Engineering Technology and Industrial Distribution

Industrial and System Engineering
Materials Science and Engineering

Electrical & Computer Engineering

Mechanical Engineering
Nuclear Engineering
Ocean Engineering

Petroleum Engineering
Majors

Aerospace Engineering  Biological & Agricultural Engineering  Biomedical Engineering  Chemical Engineering  Civil Engineering  Computer Engineering

Computer Science  Electrical Engineering  Electronic Systems Engineering Technology  Industrial Distribution  Industrial Engineering  Interdisciplinary Engineering

Manufacturing & Mechanical Engineering Technology  Mechanical Engineering  Multidisciplinary Engineering  Nuclear Engineering  Ocean Engineering  Petroleum Engineering
Minors

- Cybersecurity
- Engineering Project Management
- Aerospace Engineering
- Biomedical Engineering
- Chemical Engineering
- Computer Science
- Game Design and Development
- Electrical Engineering
- Embedded Systems Integration

- Industrial Engineering
- Materials Science and Engineering
- Analysis, Design and Management of Energy Conversion Systems
- Control of Mechanical Systems
- Design and Simulation of Mechanical Systems
- Nuclear Engineering
- Radiological Health Engineering
- Petroleum Engineering
CERTIFICATE PROGRAMS

College of Engineering

- Business Management Certificate for Engineering Students
- Engineering Honors Certificate
- International Engineering Certificate
- Polymer Specialty Certificate
- Safety Engineering Certificate

Department of Biomedical Engineering

- Engineering Therapeutics Manufacturing Certificate
- Quality Engineering for Regulated Medical Technologies Certificate

Department of Industrial and Systems Engineering

- Data Center Operations Engineering Certificate
- Engineering Systems Management Certificate

Harold Vance Department of Petroleum Engineering

- Energy Engineering Certificate

http://catalog.tamu.edu/undergraduate/engineering/#certificatetestext
DATES TO REMEMBER

- November 10 – 30: Pre-registration
- December 1 – 15: Open Registration
- November 18: Last Day to Q-drop & Withdrawal
- November 23: Reading Day, No Classes
- November 24 – 25: Thanksgiving Holidays
- December 7: Last Day of Fall Classes
- December 8: Reading Day, No Classes
- December 9 – 14: Finals
- December 19: Final Grades Due
- December 23 – 30: Faculty and Staff Holiday, University Closed