

# Transfer Student MAE Major Curriculums

*The following is a recommended course sequence of required courses for Transfer Students. Updated May 2013*

ENVIRONMENTAL ENGINEERING		
FALL	WINTER	SPRING
<b>Year 1</b>		
ESYS 101- Environmental Bio	Math 20E	MAE 108 - Statistics
MAE 8- Intro. To MatLab	MAE 130A*- Statics	MAE 124- Environmental Engineering Policy
MAE 3-Graphics and Design	HSS	HSS
HSS	HSS	HSS
<b>Year 2</b>		
CHEM 171- Environ. Chem	MAE 101A*- Intro to Fluids	MAE 101B*- Advance Fluids
MAE 105*- Mathematical Physics	MAE 119- Renewable Engery	MAE 170- Experimental Technique
MAE 107- Computational Methods	MAE 110A- Thermodynamics	TE
CENG 100- Modeling and Computations		HSS
<b>Year 3</b>		
MAE 101C*- Heat Transfer	MAE 123- Fluid-Solid Interaction	MAE 126B- Engineering Lab
MAE 122- Flow and Transport	MAE 126A- Engineering Lab	TE
TE	TE	TE
HSS	HSS	HSS

## HOW TO PETITION TRANSFER COURSEWORK FOR MAE COURSE EQUIVALENCY.

Some engineering courses from a community college/University do not transfer.

### Course Equivalencies:

Lower/Upper division course work:

1. **Check** to make sure that the transfer course is listed on your UCSD Academic History.
2. **Check with Assist.org** to see if a course equivalency already exists for your course work. If so, you will not need to petition, just let the advisors know.
3. **Submit the petition including the UCSD course number** for which you think your course work is equivalent
4. **Provide documentation of course work:** a detailed syllabus, title of textbook, lecture notes, and exams

Your completed petition will be reviewed by an MAE faculty member for equivalency. If it is determined to be equivalent, you will be notified via your UCSD email account and your Degree Audit will be updated to reflect equivalency. **You will encounter registration problems as the computer registration system will not recognize the course equivalency, even after your Degree Audit has been updated.**

If your equivalent course is a pre-requisite, please contact the MAE Student Affairs Office to be cleared in the registration system **a few days BEFORE your registration time**. DON'T WAIT UNTIL YOUR REGISTRATION DATE AS YOU MAY END UP ON A WAIT LIST!

Undergraduate Petitions can be found here:

<http://registrar.ucsd.edu/forms/UNstudentpetition.pdf>

**This academic plan assumes that you have completed all of the following courses at your previous college/university:**

Calculus I—for Science and Engineering (Math. 20A), Calculus II—for Science and Engineering (Math. 20B), Calculus and Analytic Geometry (Math. 20C), Differential Equations (Math. 20D), Linear Algebra (Math. 20F), Complete calculus-based physics series with lab experience (Physics 2A, B, BL, C and CL), Chemistry 6A/B

***If you have not completed all the courses listed above, this plan is not suitable for you. We advise that you come and speak to an academic advisor as soon as possible to plan accordingly.***

COURSES MARKED WITH AN ASTERISK ARE PREREQUISITES TO COURSES IN THE IMMEDIATELY SUCCEEDING OR CONCURRENT QUARTER.