

Advising Notes – **Environmental Engineering (ENE) Curricula**

1. **CE 481 will only be offered in Spring semesters starting in Spring 2016**
 - a. Students should take CE 481 in their last semester.
 - b. Students that *require* ENE senior design to graduate in Fall 2016 will be accommodated in CE 450 for *Fall 2016 only* and should speak with Mrs. Pascucci about being added to the course.
2. **CE 382 will require a C- or better in CE 214.**
3. We have recently been informed that all ENE students may not be able to enroll in MAE 323 due to space limitations. Therefore, to accommodate, we will allow the following courses:
 - a. **SSC 442** – Soil & Environ. Biogeochemistry (contact gwana_arcuri@ncsu to be added)
 - b. **MEA 493-002** – River and Estuary Biogeochemistry
4. A new curriculum in ENE was approved effective July, 2012 (Sum2, '12); that curriculum has been modified to reflect the changes in matriculation (C instead of C- in matriculation courses) and is now designated the Sum2, '13 curriculum. Students can request to move up to the most current curriculum if they wish.

The primary difference in the new curriculum has been clarification and codification (approved by the University) regarding communications electives and graphics electives. The courses used to satisfy these electives are *strongly suggested* to be COM 110 and either GIS 410 or TDE 220 respectively.
5. Several of the pre- and co-requisites for courses required or commonly taken by ENE students were changed in F '13 and S '14, including changes in semester offered. ENE students should consult the '13 curriculum for current scheduling and course requirement information.
 - a. We will no longer be allowing students to enroll in ISE 311 (for CE 390) unless there are documented extenuating circumstances (e.g. legitimate class conflicts - not conflicts with an optional elective). ISE 311 is required to many non-CE majors and we require CE 390 (or the newly developed CE 297) in our current curriculum.
6. The recommended computing course is CSC 111 – Intro to Computing: PYTHON, which is specifically for CCEE students. CSC 112, 114, and 116 (Fortran, C++ and Java) are also acceptable but MA 116 and CSC 113 (both are MatLab) are not approved as a CSC elective for students in CCEE.

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7. GEP Details

- a. Students in the Sum2, '09 ENE curriculum who have already taken GC 120 can use that as one of the GER (old Hum & Soc Sci list), otherwise they should take either TDE 220 or GIS 410 (previously PRT 462) as noted above; GC 120 can only be used to satisfy the Additional Breadth (AB) in the new Hum & Soc Sci list.
 - b. TDE 220 (Civil Engineering Graphics), an AutoCad course specifically developed for CCEE students, can be taken as the Graphics alternate. TDE 220 will *not* count as a Hum & Soc Sci elective, however. TDE 220 is the permanent designation for the old (temporary) GC 496 (Engineering Graphics for CEs)
 - c. Students in the Sum 2, '09 ENE curriculum who already took ENG 331 *cannot* use that as one of the GEP (new Hum & Soc Sci) electives
 - d. Students entering after July 2009 (i.e., those in the Sum2 '09 or Sum2 '12 curricula) are required to complete the Humanities and Social Sciences according to the General Education Program (GEP) Requirements in the Humanities, Social Sciences, Visual & Performing Arts, and Interdisciplinary Perspectives. Students who entered prior to this time (i.e., those who are in the Sum2'07 and Sum'03 curricula) should still adhere to the old Humanities and Social Sciences (GER) requirements
8. The following ENE-relevant courses are offered only once a year:

Spring courses:	CE 477	CE 479	CE 339	CE 481
	CE 435 is offered every other Spring			
Fall courses:	CE 378	CE 476	CE 478	CE 484
			CE 484	CE 488