1. **Curriculum Updates: New BSEnvE, Changes to BSChE**
   a. The EECE website has been updated to reflect all of the new changes (both **BSChE** and **EnvE**).
   b. **First and second year students interested in changing majors to BSEnvE** should contact Prof. Dan Giammar for information and guidance. EnvE degree requirements are posted [here](#).
   c. **Current juniors and seniors** will not be affected, with the exception that they may take some of the new courses as electives.
   d. **Current sophomores**
      i. May change major to BSEnvE – contact Prof. Dan Giammar for guidance -- will likely need 1-2 extra courses in order to fulfill all of the requirements.
      ii. If remain BSChE, may take EECE 306: Biology in EECE in place of BIOL 2960 starting in Spring 2020.
   e. **Current first years**
      i. May change major to BSEnvE – contact Prof. Dan Giammar for guidance
         1. If want to change, should take CSE 131 during sophomore year (preferably fall semester), as well as EECE 210: Intro to Environmental Engineering in spring of sophomore year
      ii. Should take EECE 205 (Process Analysis & Thermodynamics) in FL19 in place of EECE 201 + EECE 203
      iii. Will need to take a modified transport course sequence:
         1. Take EECE 301: Transport I in spring of sophomore year (SP20)
         2. Take EECE 302: Transport II in fall of junior year (FL20)
         3. Take EECE 303: Transport III in spring of junior year (SP21)
         4. To accommodate this change, we suggest waiting to take biology until spring senior year (where Transport III used to be). At that time, could take either BIOL 2960 or the new course, EECE 306: Biology in EECE.
   f. **EECE 306: Biology in EECE**
      i. Will be offered starting SP20. This course will take a more "engineering approach" to biology, and it will be allowed to count in place of BIOL 2960 in the BSChE program (**NOT EnvE**).
      ii. Students wishing to pursue medical school should take BIOL 2960

2. **New Courses.** The following are new courses to be offered FL19:
   a. EECE 103: Topics in EECE
      i. May be used (along with EECE 210: Intro to EnvE) to count towards intro course requirement for dual degree and transfer students
   b. EECE 205: Process Analysis and Thermodynamics
      i. Replaces EECE 201: Engr. Analysis of Chemical Systems + EECE 203: Thermodynamics I
   c. EECE 309: Environmental Fate and Transport
   d. EECE 407: Environmental Biotechnology

   EECE 309 and 407, along with EECE 314: Air Quality with Lab, are targeted towards the EnvE degree, but are available as electives for BSChE students.

3. **Advanced Lab Elective.** There are now 3 recommended options for this requirement:
   a. EECE 424: Digital Process Control Lab (spring)
   b. EECE 425: Environmental Engineering Lab (spring)
      i. **Used to be offered in fall, but starting AY 2019-2020, will be offered in spring**
   c. MEMS 5801: Micro-Electro-Mechanical Systems I (fall) – theory + manufacturing of microfluidic devices, including an open-ended project