

Civil and Environmental Engineering  
2018-2019 Requirements

Name: \_\_\_\_\_

UID: \_\_\_\_\_

| American History:   |        | Required | Satisfied | REQUIRED                           | PRE-REQS   | TERMS   |
|---------------------|--------|----------|-----------|------------------------------------|--|---|
| Subj-A/ESL/Ent- W : |        | Required | Satisfied | Math 31A                           |  |   |
| <b>FIRST YEAR</b>   |        |          |           | Math 31B                           |  |   |
| FALL                | WINTER | SPRING   | SUMMER    | Math 32A                           |  |   |
|                     |        |          |           | Math 32B                           |  |   |
|                     |        |          |           | Math 33A                           |  |   |
|                     |        |          |           | Math 33B <i>or</i> MAE 82          |  |   |
|                     |        |          |           | Chem 20A                           |  |   |
|                     |        |          |           | Chem 20B                           |  |   |
|                     |        |          |           | Chem 20L                           |  |   |
| <b>SECOND YEAR</b>  |        |          |           | C&EE 1                             |  |   |
| FALL                | WINTER | SPRING   | SUMMER    | CS 31 <i>or</i> C&EE M20*          |  |   |
|                     |        |          |           | Physics 1A                         |  |   |
|                     |        |          |           | Physics 1B                         |  |   |
|                     |        |          |           | Physics 4AL                        |  |   |
|                     |        |          |           | Physics 1C                         |  |   |
|                     |        |          |           | ► Natural Science Course           | ► Satisfies FSI-Life Sci when taken from list below.   |   |
|                     |        |          |           | C&EE 91 ( <i>formerly 101</i> )    |  |   |
|                     |        |          |           | C&EE 102                           |  |   |
| <b>THIRD YEAR</b>   |        |          |           | C&EE 103                           |  |   |
| FALL                | WINTER | SPRING   | SUMMER    | C&EE C104 <i>or</i> MSE 104        |  |   |
|                     |        |          |           | C&EE 108                           |  |   |
|                     |        |          |           | C&EE 110                           |  |   |
|                     |        |          |           | C&EE 120                           |  |   |
|                     |        |          |           | C&EE 135A                          |  |   |
|                     |        |          |           | C&EE 150                           |  |   |
| <b>FOURTH YEAR</b>  |        |          |           | C&EE 153                           |  |   |
| FALL                | WINTER | SPRING   | SUMMER    | ChE 102A <i>or</i> MAE 105A        |  |   |
|                     |        |          |           | MAE 103                            |  |   |
|                     |        |          |           | C&EE Elective #1**                 |  | **Two design courses needed; one must be a capstone design course: C&EE 123(G), 144(S), 147(S), 152(H), 157B(E) or 157C |
|                     |        |          |           | C&EE Elective #2**                 |  |   |
|                     |        |          |           | C&EE Elective #3**                 |  |   |
|                     |        |          |           | C&EE Elective #4**                 |  |   |
|                     |        |          |           | C&EE Elective #5** <b>Design</b>   |  |   |
| <b>FIFTH YEAR</b>   |        |          |           | C&EE Elective #6** <b>Capstone</b> |  |   |
| FALL                | WINTER | SPRING   | SUMMER    | C&EE Elective #7 -- <b>Lab 1</b>   |  | Labs must be from two distinct areas.   |
|                     |        |          |           | C&EE Elective #8 -- <b>Lab 2</b>   |  |   |
|                     |        |          |           | TBR #1***                          | ***Check with OASA office for list of requirements:<br><a href="http://www.seasoasa.ucla.edu/wp-content/uploads/seasoasa/TBA-1.pdf">http://www.seasoasa.ucla.edu/wp-content/uploads/seasoasa/TBA-1.pdf</a> |   |
|                     |        |          |           | TBR #2***                          |  |   |
|                     |        |          |           | TBR #3***                          |  |   |
|                     |        |          |           | English Composition 3              |  |   |

**Notes:**

|   |   |   |
|---|---|---|
| Engineering Ethics (satisfies Writing II req.)  |   |   |
| <b>General Education Requirements</b>   |   |   |
| FAH-LCA/PLA/VPA   | GE Elective 1   | See HSSEAS 2018-19 Announcement for details on course requirements. |
| FAH-LCA/PLA/VPA   | GE Elective 2   |   |
| FSC-SAN   | GE Elective 3   |   |
| FSC-HAN   | GE Elective 4   |   |
| ► FSI-Life Sci  | GE Elective 5 Nat.Sci satisfied when taken from list below. |   |
| <b>Natural Science/Life Science GE List:</b> C&EE 58SL, Earth, Planetary, and Space Sciences 3, 15, 16, 17, 20, Environment 12, Life Science 1, 2, 7A Microbiology, Immunology, and Molecular Genetics 5, 6, or Neuroscience 10.  |   |   |
| *C&EE M20 covers MATLAB; if you don't know MATLAB and are not all that interested in computer programming, take C&EE M20 to prepare for upper-division courses. <i>If you already know</i> MATLAB and are interested in learning a more robust programming language (C++), then select CS 31. |   |   |

Today's Date: \_\_\_\_\_  
OASA Initials: \_\_\_\_\_

**DISCLAIMER:** Students must meet a minimum of 180 units for degree completion. Some HSSEAS majors may exceed the 180 minimum. **This worksheet should be used with your Degree Audit Report (DAR).**