

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

Red ID: \_\_\_\_\_

E-mail address: \_\_\_\_\_

Phone # (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

Faculty Advisor: \_\_\_\_\_

**CONSTRUCTION ENGINEERING MASTER PLAN**

*Catalog Year: 2020/2021*

**Required Courses**

**Preparation for the Major**

**Major: Upper Division**

|                          |       |          |       |
|--------------------------|-------|----------|-------|
| CONE 101                 | 3     | CONE 301 | 3     |
| CONE 201                 | 3     | CONE 312 | 3     |
| CONE 215 (or CIVE 121)   | 3 (1) | CONE 320 | 3 (2) |
| CONE 280                 | 3     | CONE 330 | 3     |
| ACCTG 201                | 3     | CONE 340 | 3 (2) |
| BIOL 100 (or 101)        | 3     | CONE 401 | 3 (2) |
| CHEM 202* (or CHEM 200)* | 4/5   | CONE 479 | 3 (2) |
| CIVE 160 (or STAT 250)   | 3     | CONE 480 | 3 (2) |
| CIVE 218                 | 3     | CONE 590 | 3     |
| CIVE 220                 | 3     | CIVE 301 | 3     |
| CIVE 225*                | 3     | CIVE 302 | 1     |
| ECON 102                 | 3     | CIVE 321 | 3     |
| GEOL 100                 | 3     | CIVE 462 | 3     |
| GEOL 101                 | 1     | CIVE 463 | 1     |
| MATH 150*                | 4     | CIVE 495 | 3 (3) |
| MATH 151*                | 4     |          |       |
| PHIL 101                 | 3     |          |       |
| PHYS 195*                | 3     |          |       |
| PHYS 195L                | 1     |          |       |
| PHYS 196*                | 3     |          |       |

**Technical Electives - 3 units :**

**Circle choice**

- CIVE 421 (3)
- CIVE 465 (3)
- CIVE 523 (3)
- CIVE 525 (3)
- CIVE 528 (3)
- CONE 520 (3)

**\*Must be completed with a grade of C or Higher**

These courses cannot be taken for credit/no credit (Cr/NC)

**Number in ( ) indicates Design Units.**

**Changes**

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**Other** (Advanced Topics, Special Study courses, etc.)

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**Signatures:**

Student \_\_\_\_\_ Advisor \_\_\_\_\_

## Information

### Required Courses:

You must take each course listed in this area. All course substitutions are subject to the approval of your advisor and the department chair (documentation in the form of a catalog description, course syllabi and transcript will be required). After enrollment in Civil Engineering at SDSU, a CIVE major must take all upper division CCEE courses at SDSU unless prior approval is obtained from the Department Chair. Approval will be granted only in unusual circumstances.

### Elective Courses:

After consultation with your faculty advisor, **circle your course choices**. You and your advisor sign the reverse side of form and return the master plan to the CCEE office to be filed. Changes to your Master Plan can be made by completing a "Request for Adjustment of Academic Requirement" (RAAR) form. Have your advisor initial the form and bring it to the CCEE office for Department Chair's signature approval. The Department office will send the form to Evaluations. Special Study and Advanced Engineering Topic courses will be added to the master plan only after enrollment.

### Course Prerequisites:

Prerequisites will be enforced for all Civil, Construction and Environmental Engineering courses numbered 100-599. All courses must have a passing grade (D- or above) in order to be used as a prerequisite for any subsequent course. Courses noted with an asterisk (\*) **require a grade of C or higher** and cannot be taken for credit/no credit (Cr/NC). A copy of your Degree Evaluation or unofficial SDSU transcript is acceptable proof of completion of pre- and co-requisites. If you are enrolled in a co-requisite at another institution, an unofficial transcript from that institution showing enrollment is required.

### Graduation:

To qualify for graduation, a **minimum GPA of 2.0 is required** in overall coursework, SDSU coursework and Major coursework. Major coursework consists of all upper division (300-500 level) courses required for the Major, approved Major electives and any additional upper division "CIV E" courses taken, whether needed for the major or not. This includes F, WU and IC grades.

#### **Minimum number of units required for a Construction Engineering degree:**

|                                |            |
|--------------------------------|------------|
| <i>Major Preparation</i>       | 59         |
| <i>Upper Division</i>          | 38         |
| <i>Professional Electives</i>  | 3          |
| <i>General Education</i>       | <u>33</u>  |
| <b><i>Total for Degree</i></b> | <b>133</b> |