

**ENVIRONMENTAL ENGINEERING MASTER PLAN
SAN DIEGO STATE UNIVERSITY**

2011 - 2012

Name: _____

Red ID: _____

Telephone: Home _____ Cell _____ Work _____

E-mail: _____

Semester admitted: _____ as Freshman Transfer Semester planning to graduate: _____

BASIC SCIENCE (36 units)

	Units	Design Units	F__	S__	F__	S__	F__	S__	F__	S__	F__	S__	Transfer	Transfer Course Information Where/When
Math 150	4		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
Math 151	4		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
Math 252	4		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
Physics 195	3		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
Physics 196	3		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
Physics 197	3		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
Chemistry 130	3		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
Chemistry 200	5		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
Biology 204	4		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
Biology 315	3		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____

BASIC ENGINEERING (32 units)

Lower Division

E 280 Methods of Analysis	3		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
EM 200 Statics	3		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
EM 220 Mechanics Dynamics	3		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
CIV E 160 Statistical Methods	3		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
ENVE 101 Environ. Engr. Seminar	1		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
CIV E 120 Computer I	3		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
CIV E 121 Computer II	3		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
CIV E 220 Computer III	3		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____

Upper Division

EM 340 Fluid Mechanics	3		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
EM 341 Fluid Mechanics Lab	1		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
ME 352 Thermo. & Heat Transfer	3		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
CON E 430 Engineering. Economy	3		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____

ENVIRONMENTAL ENGINEERING Required
(27 units minimum/13 design units minimum)

	Units	Design Units	F__	S__	F__	S__	F__	S__	F__	S__	__	Transfer	Where/When
ENVE 355 Environmental Engineering	3		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
ENVE 363 Environmental Engineering Lab	3		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
ENVE 441 Water Treatment Engineering	3	2	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
ENVE 442 Wastewater Treatment Engineering	3	2	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
ENVE 554 Process Fund. Envr. System	3	2	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
ENVE 556 Air Pollution Engineering	3	2	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
ENVE 558 Solid and Hazardous Waste Eng	3	2	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
CIV E 462 Geotechnical Engineering	3		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
CIV E 495 Civil and Environ. Engr. Design	3	3	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
CIV E 444 Applied Hydraulics	3	2	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____

TOTAL: 30 15

Electives (3 units minimum)

ENVE 563 Process & Instrumentation Lab	3		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
CIV E 445 Applied Hydrology	3	2	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
CIV E 530 Open Channel Hydraulics	3	2	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
CIV E 463 Geotechnical Engineering Lab	1		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
GEOL 530 Geochemistry	2		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
GEOL 530 Geochemistry Lab	1		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____
CHEM 571 Environmental Chemistry	3		[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	_____

General Education/American Institutions (36 approved units to be taken concurrently with Engineering coursework.)

INSTRUCTIONS FOR FILING THE MASTER PLAN

(To be filed as soon as the major is declared)

1. Collect all your transcripts. Take your transcript together with three Master Plan forms to a meeting with a Counselor from the University Advising Center. Obtain their signature and stamp on each of the three Master Plan forms. Review your General Education Requirements with your counselor at this time. Complete this step first.
2. Consult with your Environmental Engineering Adviser regarding your proposed program of study, including your choice of environmental engineering electives. Following your consultation, complete the Master Plan form in *triplicate* and in *ink*. Remember, this is your plan for completion of the B.S. degree. All required courses must be checked as well as the electives you will take to finish the degree.
3. Date and sign all three forms. Deliver to your adviser for his/her approval, signature, and date. Pick up your copy of the properly executed Master Plan at the CEE department office after 5 working days.
4. Any changes in the Master Plan require the filing of the form *Request for Adjustment of Academic Requirements*. This has to be done *before* taking substitute courses.
5. Please note that the student is responsible for completing all necessary prerequisites prior to enrolling in a course.

GENERAL EDUCATION REQUIREMENTS (*Discuss with Counselor from University Advising Center*)

Required Signatures:

Student _____ Date ____/____/____
 CCEE Adviser _____ Date ____/____/____
 CCEE Chair _____ Date ____/____/____

Copy 1: Evaluations []

Copy 2: CCEE Dept. File []

Copy 3: Student []