



UC SANTA BARBARA
Bren School of Environmental
Science & Management

MASTER OF ENVIRONMENTAL DATA SCIENCE 2022-23
PLAN II - PROJECT

NAME: _____ **PERM # (required) :** _____

PLAN II (Capstone Project Date) / /
MM/DD/YY

MEDS REQUIREMENTS

- A **MINIMUM of 56 units** of completed (approved) coursework is required.
- **REQUIRED CORE units are 48**, unless a core course is waived.
- If a CORE course is waived, then the units must be made up with elective courses.
- **REQUIRED PROJECT units are 8.**
- UCSB graduate students must maintain a **minimum GPA** of 3.0 or above.

In addition to departmental requirements, candidates for graduate degrees must fulfill University requirements described in the 'Graduate Education' section of the UCSB General Catalog.

CORE COURSES

COURSE NUMBER	CORE COURSES	UNITS	GRADE
EDS 211	Team Science, Collaborative Analysis and Project Management	2	
EDS 212	Essential Math for Environmental Data Science	2	
EDS 213	Databases and Data Management	4	
EDS 214	Analytical Workflows and Scientific Reproducibility	2	
EDS 217	Python for Environmental Data Science	4	
EDS 220	Working with Environmental Datasets	4	
EDS 221	Scientific Programming Essentials	4	
EDS 222	Statistics for Environmental Data Science	4	
EDS 223	Geospatial Analysis and Remote Sensing	4	
EDS 230	Modeling Environmental Systems	4	
EDS 231	Text and Sentiment Analysis for Environmental Problems	2	
EDS 232	Machine Learning in Environmental Science	4	
EDS 240	Data Visualization and Communication	4	
EDS 241	Environmental Policy Evaluation	2	
EDS 242	Ethics and Bias in Environmental Data Science	2	

CORE Units (48 – waived units) = _____

ELECTIVES (complete only up to the number of waived CORE units)

COURSE NUMBER	COURSE TITLE	UNITS	GRADE

ELECTIVE Units = _____

CAPSTONE PROJECT

COURSE NUMBER	COURSE TITLE	UNITS	GRADE
EDS 411 A	Capstone Project	4	
EDS 411 B	Capstone Project	4	

PROJECT Units = **8**

TOTAL Units (CORE + ELECTIVE + PROJECT) = _____

GRADUATE ADVISOR (ASSISTANT DEAN) SIGNATURE:

Reviewed and approved by:		Date:	
	<i>Signature of Graduate Advisor (Assistant Dean)</i>		

FOR GRADUATE DIVISION USE ONLY	
Admission status	
Residence requirement-minimum 3 quarters (<i>verify departmental requirement</i>)	
Required units completed	
Language requirement Satisfied (<i>if required</i>)	
No grades of I, NR, or NG	
3.0 or better GPA overall	
Registered quarter of degree or Filing Fee LOA:	
Master's Form I / COI and committee entered	
Master's Thesis date received (<i>signature page/e-filed and entered in SReg</i>):	
Master's Thesis Submission Fee:	
ProQuest ID _____ Permission Ltrs uploaded?	
Master's Degree Awarded (mm/dd/yy)	