

# CAL POLY

SAN LUIS OBISPO

## WATER SCIENCE MINOR

Name \_\_\_\_\_ EmpID: \_\_\_\_\_  
Email: \_\_\_\_\_ Expected Grad Date: \_\_\_\_\_  
Cell: \_\_\_\_\_ Major: \_\_\_\_\_  
Address: \_\_\_\_\_ Major Advisor: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_ Cal Poly GPA: \_\_\_\_\_

### Required Core Courses

		Units	Quarter and Year Taken or Planned	Grade
BRAE 340	Irrigation Water Management	4	_____ 20 _____	_____
NR/CRP 408	Water Resource Law & Policy	3	_____ 20 _____	_____
SS 120	Introductory Soil Science	4	_____ 20 _____	_____
<b>Irrigation Emphasis – BRAE Department [13 units]</b>				
BRAE 237 or 239	Engineering Surveying	2/4	_____ 20 _____	_____
BRAE 312	Hydraulics	4	_____ 20 _____	_____
BRAE 331	Irrigation Theory	3	_____ 20 _____	_____
BRAE 337	Landscape Irrigation	4	_____ 20 _____	_____
BRAE 405	Chemigation	1	_____ 20 _____	_____
BRAE 414	Irrigation Engineering	4	_____ 20 _____	_____
BRAE 435	Drainage	4	_____ 20 _____	_____
BRAE 438	Drip/Micro Irrigation	4	_____ 20 _____	_____
BRAE 440	Agricultural Irrigation Systems	4	_____ 20 _____	_____
BRAE 532	Water Wells and Pumps	4	_____ 20 _____	_____
BRAE 533	Irrigation Project Design	4	_____ 20 _____	_____
<b>Water Policy Emphasis – NRES Department [16 units]</b>				
AGB 312	Agriculture Policy	4	_____ 20 _____	_____
AGB 412	Advanced Agricultural Policy	4	_____ 20 _____	_____
POLS 333	World Food Systems	4	_____ 20 _____	_____
POLS 351	Public Policy and Administration	4	_____ 20 _____	_____
NR 404	Environmental Law	4	_____ 20 _____	_____
NR 320	Watershed Mgmt. and Restoration	4	_____ 20 _____	_____
NR 435	Natural Resources Policy Analysis	4	_____ 20 _____	_____
BIO/NR/SS 421	Wetlands	4	_____ 20 _____	_____
<b>Watershed Mgmt. Emphasis – NRES Department [16 units]</b>				
NR 306	Natural Res Ecology/Habitat Mgmt	4	_____ 20 _____	_____
NR 320	Watershed Management	4	_____ 20 _____	_____
NR 420	Advanced Watershed Hydrology	4	_____ 20 _____	_____
SS 440	Forest and Range Soils	4	_____ 20 _____	_____
ERSC 303	Soil Erosion and Water Conservation	4	_____ 20 _____	_____
ERSC 442	Applied Envir Groundwater Hydrology	4	_____ 20 _____	_____
ERSC 443	Applied Envir Contaminant Transport	4	_____ 20 _____	_____
BIO/NR/SS 421	Wetlands	4	_____ 20 _____	_____
<b>TOTAL APPROVED UNITS [24-27 required]</b>				

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

### Water Science Minor Applicant

Dr. Franklin Gaudi - Signature \_\_\_\_\_ Date \_\_\_\_\_

### Minor Coordinator for Irrigation Emphasis [bldg. 8A-02B]

OR

Dr. Christopher G. Surfleet - Signature \_\_\_\_\_ Date \_\_\_\_\_

### Minor Coordinator for Water Policy & Watershed Mgmt. Emphasis [bldg. 180-209]

Department Head Signature \_\_\_\_\_ Date \_\_\_\_\_

**NOTE ADDITIONAL REQUIREMENTS AND REGULATIONS**

- A total of 24 units are required for this minor.
- Students must maintain at least a 2.0 average for courses in the minor.
- All classes taken for the minor must be taken for a grade.
- A minimum of one-half of the minor course work must be completed in residence.