

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 121	Introduction to Soil Science	4	_____ 20 _____	_____
Irrigation Emphasis – BRAE Department [13 units]				
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 _____	_____
Water Policy Emphasis – NRES Department [16 units]				
AGB 312	Agriculture Policy	4	_____ 20 _____	_____
AGB 315	Land Economics	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 _____	_____
SS 433	Land Use Planning	4	_____ 20 _____	_____
BIO/NR/SS 421	Wetlands	4	_____ 20 _____	_____
Watershed Mgmt. Emphasis – NRES Department [16 units]				
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 202	Soil Erosion and Water Conservation	4	_____ 20 _____	_____
SS 442	Soil Vadose Zone and GW Processes	4	_____ 20 _____	_____
BIO/NR/SS 421	Wetlands	4	_____ 20 _____	_____
		TOTAL APPROVED UNITS [24-27 required]		_____

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.