

## Certificate in Coastal and Marine Affairs

### Program Overview:

The Certificate in Coastal and Marine Affairs is designed for undergraduates who want a specialization in science, management, and humanities of oceans and coasts. The certificate program provide students with a broad multidisciplinary approach.

The courses range from natural sciences and social sciences to humanities, policy, and arts. Courses are offered either in the Modesto A. Maidique Campus or the Biscayne Bay Campus.

### Admission Requirements:

All currently registered, degree-seeking undergraduate students are eligible.

The certificate requires a total of 18 credit hours.

Courses that are not on this list may be substituted with permission of the certificate director.

Students should consult with the certificate director or the certificate advisor to identify available courses that satisfy course requirements.

Please check advising information.

### Courses:

*Courses are subject to change and not available every semester.*

*Check with the certificate director which courses are current and/or upcoming.*

<b>Core Science courses (at-least 3 credits)</b>			
<b>Prefix and Number</b>	<b>Title</b>	<b>Credits</b>	<b>Other Certificates</b>
OCB 2003	Introductory Marine Biology	3	Global Learning
OCB 2003L	Introductory Marine Biology Lab	1	
OCB 3043	Marine Biology and Oceanography	3	
OCB 3043L	Marine Biology and Oceanography Lab	1	
OCE 2001	Introduction to Oceanography	3	
OCE 3014	Oceanography	3	Global Learning
OCE 3014L	Oceanography Lab	1	
OCP 3002	Physical Oceanography	3	
PCB 4467C	Marine Protected Areas	4	Global Learning
<b>Core Policy and Law courses (at-least 3 credits)</b>			

<b>Prefix and Number</b>	<b>Title</b>	<b>Credits</b>	<b>Other certificates</b>
EVR 4356	Coastal and Marine Environmental Policy	3	
HFT 3692	Ocean and Coastal Law for the Hospitality Industry	3	
INR 4412	International Law of the Sea	3	
PCB 4467C	Marine Protected Areas	4	Global Learning
<b>Other Primary Courses (at-least 3 credits)</b>			
<b>Prefix and Number</b>	<b>Title</b>	<b>Credits</b>	<b>Other certificates</b>
ANT 4305	Coastal Cultures	3	
ART 3843	Land Art/Earth Art and Coastal Environment	3	
ENC 3363	Writing about the Environment	3	
GEO 4391	Marine Geography	3	
HFT 4708	Coastal and Marine Tourism	3	
LIT 4606	Literature of the Sea	3	
OCB 3264	Biology of Coral Reefs	3	
OCB 4070	Coastal Marine Conservation	3	
OCB 4303	Biology of Marine Mammals	3	
PCB 4467C	Marine Protected Areas	4	Global Learning
<b>Electives (from 0 to 6 credits)</b>			
<b>Prefix and Number</b>	<b>Title</b>	<b>Credits</b>	<b>Other certificates</b>
ANT 4340	Cultures of the Caribbean	3	
EVR 1001	Introduction to Environmental Science	3	Global Learning
EVR 1001L	Introduction to Environmental Science Lab	1	
EVR 3013	Ecology of South Florida	3	
EVR 3013L	Ecology of South Florida Lab	1	
GEA 2000	World Regional Geography	3	Global Learning
GEA 3320	Geography of the Caribbean	3	
GIS 2000	Mapping in Geography	3	
GIS 3048	Applications of Geographic Information Systems	3	
GLY 1010	Physical Geology	3	
GLY 1010L	Physical Geology Lab	1	
GLY 4734	Changing Coastlines	3	Global Learning

HFT 3701	Sustainable Tourism Practices	3	Global Learning
HFT 3770	Cruise Line Operations and Management	3	
JOU 3314	Environmental Journalism	3	
PHI 3640	Environmental Ethics	3	Global Learning

No more than 9 credits total in biology, chemistry, and earth sciences may be used to satisfy the certificate requirements.

\*Courses that are not on this list may be substituted with permission of the certificate director.

For the full list of courses, visit:

[https://catalog.fiu.edu/2020\\_2021/undergraduate/College\\_of\\_Arts\\_Sciences\\_and\\_Education/UG\\_College\\_of\\_Arts\\_Sciences\\_and\\_Education\\_Certificate\\_Programs.pdf](https://catalog.fiu.edu/2020_2021/undergraduate/College_of_Arts_Sciences_and_Education/UG_College_of_Arts_Sciences_and_Education_Certificate_Programs.pdf) (Go to page 3).

*No more than 9 credits total in biology, chemistry, and earth sciences may be used to satisfy the certificate requirements.*

#### **Advising Information:**

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