

NSU Oceanographic Center Summer 2012 Course Schedule



Online registration opens March 26,
2012 and closes May 6, 2012

Summer 2011 Courses at a Glance In House

IN HOUSE

Summer 2012 Term Dates: May 7- July 27, 2012

Term Code	CRN	Subject	Course #	Section	Course name	Instructor	Day	Classroom	Class Size	Lab Fee
201250	52606	OCOR	5602	OD1	Marine Ecosystems	Dr. Kenneth Banks	Tuesday	Forman Classroom #1	20	\$10
201250	52607	OCOR	5605	OD1	Marine Chemistry	Dr. Curtis Burney	Monday	Forman Classroom #1	20	\$50
201250	52608	OCOR	5601	OD1	Concepts of Physical Oceanography	Dr. Alex Soloviev	Wednesday	Forman Classroom #1	20	\$10
201250	52609	OCMB	7012	OD1	Biology and Ecology of Coral Reefs	Dr. Joshua Feingold	Thursday	Modular 1 Classroom	30	\$50
201250	52610	MEVS	5007	OD1						
201250	52612	MEVS	5065	OD1	Intermediate Marine Fisheries Science	Dr. Dave Kerstetter	Monday	Modular 1 Classroom	30	\$150
201250	52613	OCMB	6360	OD1						
201250	52615	CZMT	0697	OD1						
201250	52617	OCMB	6120	OD1	Tropical Marine Fish Ecology	Dr. Richard Spieler	Field Course to Eleuthra May 7-12, 2012	\$100 Deposit due to Missy by 3/2/12	8	\$825
201250	52618	MEVS	5000	OD1						
201250	52619	CZMT	0690	OD1						
201250	52620	OCMB	6085	OD1	Taxonomy of Marine Invertebrates	Dr. Charles Messing	Wednesday	Modular 1 Classroom	15	\$350

Tuition Rates		\$ 898 ± credit hour			
		Registration Fee			
1 Course	898 x 3 =	\$ 2,694	+	25 =	\$ 2,719
2 Courses	898 x 6 =	\$ 5,388	+	25 =	\$ 5,413
3 Courses	898 x 9 =	\$ 8,082	+	25 =	\$ 8,107
PhD		\$ 9,567	+	25 =	\$ 9,592

Summer 2011 Courses at a Glance Online

ONLINE

Summer 2012 Term Dates: May 7- July 27, 2012

Term Code	CRN	Subject	Course #	Section	Course name	Instructor
201250	51718	OCOR	5602	DE1	Marine Ecosystems	Dr. Curt Burney
201250	51723	CZMT	0790	DE1	Aspects of Marine Pollution	Dr. Don McCorquodale
	51724	MEVS	5100	DE1		
	52605	BSMP	3320	DE1		
201250	51757	MAMC	4100	DE1	Effective Environmental Communication	Dr. Elizabeth Dickinson
	52603	CZMT	0100	DE1		
201250	51754	OCMB	6340	DE1	Marine Mammals	Dr. Edward Keith
	52601	CZMT	0990	DE1		
	52602	MAMC	4990	DE1		
201250	51719	CZMT	0603	DE1	Ocean and Coastal Law	Brion Blackwelder
	51720	MCCC	5400	DE1		
	51756	MAMC	4603	DE1		
	52604	BSMP	3240	DE1		
201250	52895	CZMT	0915	DE1	Environmental Science	Dr. Kristi Foster
	52897	MAMC	4915	DE1		
201250	51725	CZMT	0664	DE1	Internship in Coastal Policy	Dr. Steffen Schmidt
201250	51721	OCMB	6010	DE1	Bacterial Evolutionary Genetics	Dr. Eric Brown
	51722	BMME	6700	DE1		

Tuition Rates		\$ 898 per credit hour			
		Registration Fee			
1 Course	898 x 3 =	\$ 2,694	+	25 =	\$ 2,719
2 Courses	898 x 6 =	\$ 5,388	+	25 =	\$ 5,413
3 Courses	898 x 9 =	\$ 8,082	+	25 =	\$ 8,107
PhD		\$ 9,567	+	25 =	\$ 9,592

Summer Term Information

Tuition	\$ 898 per credit hour
Registration Fee	\$ 25 per term
Late Registration Penalty	\$ 50

Student Services Fee

\$ 250 per term for students enrolled in four or more credits

\$125 per term for students enrolled in 1-3 credits

(or 1 4-credit course)

ADD/DROP

- **Before the end of the 1st week** **100%**
- **Before the 2nd class meeting (end of 2nd week for online students)** **75%**
- **Before the 3rd class meeting (end of 3rd week for online students)** **50%**
- **After 3rd meeting or week** **0%**

Summer Term Information

Online registration opens March 26 and closes May 6, 2012

Summer Term runs from May 7 to July 27, 2012

*Please note that field/seminar courses are marked in **Yellow** with scheduled dates.*

Course Code Key

OCOR – Marine Sciences Cores

OCMB – Marine Biology Major

BCOR – Biological Sciences Cores

CZMT – Coastal Zone Management Major

BMME – Biological Sciences Major

MEVS – Marine Environmental Sciences Major

Registration for online courses will open for in-house students on April 9th



In House Courses

Summer Session Courses

CORE COURSE – MARINE ECOSYSTEMS

Instructor: Ken Banks, Ph.D.

OCOR-5602 (52606)

Meets: Tuesdays, 6:30-9:30pm

Forman #100

LAB FEE: \$10

Class Size Limit: 20

A study of the major plankton, nektonic, and benthic groups and associations, including their diversity, distribution, metabolism, production, trophic relationships, and ecological roles, with emphasis on coastal communities.

Textbooks (recommended): Miller Alongi DM, 1997. Coastal Ecosystem Processes. CRC Press, 448p ISBN 978-0849384264

Libes S, 2009. Introduction to Marine Biogeochemistry. Academic Press, 928p ISBN 978-0120885305

Summer Session Courses

CORE COURSE – MARINE CHEMISTRY

Instructor: Curt Burney, Ph.D.

OCOR-5605 (52607)

Meets: Mondays, 6:30-9:30pm

Forman #100

LAB FEE: \$50

Class Size Limit: 20

This course is one of the five "core" courses required for all master's specialties. The class will review the properties and composition of seawater; the importance, distribution, relationships and cycling of major nutrients; dissolved gasses; trace metals; and organic compounds. A self-paced laboratory is included in the course activities. Problem solving is supplemented with interactive microcomputer work.

Textbook (recommended): Millero, FJ. 2006. Chemical Oceanography, 3rd Ed. Taylor and Francis Group, Boca Raton. ISBN978-0-8493-2280-8

Amazon link: <http://www.amazon.com/Chemical-Oceanography-Third-Marine-Science/dp/0849322804/>

Summer Session Courses

CORE COURSE – CONCEPTS OF PHYSICAL OCEANOGRAPHY

Instructor: Alex Soloviev, Ph.D.

Course #

CRN:

Meets: Wednesdays

OCOR-5601

52608

6:30- 9:30pm

Forman #100

LAB FEE: \$10

Class Size Limit: 20

This course is intended to give students a view to how wind, radiation, gravity, friction, and the Earth's rotation determine the ocean's temperature and salinity patterns and currents. Some important process we will study include heat budget of the oceans, exchange of heat with the atmosphere and the role of the ocean in climate, surface mixed layer, waves in the ocean, geostrophy, Ekman transport, Rossby waves. Students will learn how to explain physical features of the ocean ranging from microscopic turbulence to global circulation.

Textbooks (required):

Open University Course Team. Ocean Circulation (Second Edition), Butterworth-Heinemann, 2001. ISBN 9780750652780

Open University Course Team. Waves, Tides and Shallow-Water Processes (Second Edition), Butterworth-Heinemann, 2000 ISBN: 9780750642811

Summer Session Courses

ELECTIVE COURSE – BIOLOGY AND ECOLOGY OF CORAL REEFS

Instructor: Joshua Feingold, Ph.D.	Course #	CRN:
Meets: Thursdays	OCMB-7012	52609
6:30- 9:30pm	MEVS-5007	52610

LAB FEE: \$50

Modular 1 Classroom

Class Size Limit: 30

The purpose of this class is to introduce students to the general biology and ecology of scleractinian corals and coral-associated organisms. Active classroom discussion will be encouraged during and following the presentation of material by the professor. A formal discussion period on selected papers will be conducted during each class. Material will be presented from a global perspective, with focus on the South Florida and Caribbean marine environment. Two weekend field trips are planned.

Textbook (required): The Biology of Coral Reefs (2009) Sheppard, C.R.C., S.K. Davy & G.M. Pilling, Oxford University Press, 339 pp. ISBN 978-0-19-836636

Summer Session Courses

ELECTIVE COURSE – INTERMEDIATE MARINE FISHERIES SCIENCE

Instructor: Dave Kerstetter, Ph.D.	Course #	CRN:
Meets: Mondays	OCMB-6360	52613
6:30- 9:30pm	MEVS-5065	52612
LAB FEE: \$150	CZMT-0697	52615
Modular 1 Classroom	Class Size Limit: 30	

Prerequisite: Intro to Marine Fisheries (OCMB-6350; CZMT-0694; MEVS-5060)

This course continues from the Introduction to Marine Fisheries Science course with additional concepts and a greater emphasis on field- and laboratory-based exercises. Topics will include preparation and analytical techniques for morphometrics and meristics, diet composition, tracking technology, elasmobranch age and growth, and evaluation of fishing gear efficiency. Course will be taught with occasional guest lecturers and in a student team-based environment.

There will be an end of term fishing tournament on a Saturday at the OC.

Textbooks (recommended): Simon Jennings, Michel Kaiser, John D. Reynolds. 2001. Marine Fisheries Ecology. Wiley-Blackwell Publishers. ISBN: 9780632050987

Summer Session Courses

FIELD COURSE – TROPICAL MARINE FISH ECOLOGY

Instructor: Richard Spieler, Ph.D.

Trip Dates: May 7-12

Class Size Limit: 8

LAB FEE: \$825

Course #

OCMB- 6120

CZMT- 0690

MEVS- 5000

CRN:

52617

52619

52618

\$100 Deposit due by March 2, 2012

Study of the ecology of tropical fish, including coastal, estuary, mangrove, and pelagic fish. Current theories on distribution and abundance are discussed in addition to ecological theory.

- 1) Students will be able to identify most local fishes in both field and laboratory settings.
- 2) Students will understand the major historical and current determinants of coral reef fish distribution.
- 3) Students will understand the general ecology of coral reef fishes and the specific ecology of representative species.
- 4) Students will become familiar with current themes and directions in reef-fish research
- 5) Students will gain an appreciation of hypothesis-testing experimentation in a coral reef or inshore setting

Textbook (required): Reef Fish Identification: Florida, Caribbean, Bahamas by Paul Humann and Ned DeLoach ISBN 1878348302

Additional requirements: Digital underwater camera or case waterproof to 30' (available for \$20-\$40)

Summer Session Courses

FIELD COURSE – TAXONOMY OF MARINE INVERTEBRATES

Instructor: Charles Messing, Ph.D.

OCMB- 6085 (52620)

Meets: Wednesdays

Class Size Limit: 15

Trip Dates: June 16-18 Keys Marine Lab

LAB FEE: \$350

This course will travel to the Keys Marine Laboratory, Long Key, Florida and cover the taxonomy and ecology of marine invertebrates (emphasizing shallow tropical western Atlantic species) and train students in their identification. Field work and a self-paced laboratory are integral to the course.

There will also be a one day field trip to Marco Island.

Textbooks:

Abbott, R. T. 1968. Seashells of North America. Golden Press, NY.

Amazon link: <http://www.amazon.com/Seashells-North-America-Identification-Martins/dp/1582381259/>

Humann, P. and DeLoach N. 2002. Reef Creature Identification: Florida, Caribbean, Bahamas (enlarged 2nd edition). New World Publ., Jacksonville, FL.

Amazon link: <http://www.amazon.com/Reef-Creature-Identification-Florida-Caribbean/dp/1878348310/>

Humann, P. and DeLoach N. 2002. Reef Coral Identification: Florida, Caribbean, Bahamas (enlarged 2nd edition). New World Publ., Jacksonville, FL.

Amazon link: <http://www.amazon.com/Reef-Coral-Identification-Florida-Caribbean/dp/1878348329/>

Ruppert, E. E. and Fox, R. S. 1988. Seashore Animals of the Southeast. University of South Carolina Press. Columbia, SC.

Amazon link: <http://www.amazon.com/Seashore-Animals-Southeast-Edward-Ruppert/dp/0872495353/>



Online Courses

Registration for online courses will open for in-house students on April 9th.

Summer Courses

CORE COURSE – MARINE ECOSYSTEMS*

Instructor: Curt Burney, Ph.D.

OCOR-5602

Class Size Limit: 20

CRN: 51718

This class focuses on marine ecological processes and functions. The course is one of the five "Core" requirements and is common to both specialties. An overview of the basic concepts of marine ecology will be provided along with more detailed elements of the discipline including diversity of organisms, feeding relationships, ecological roles, growth, and reproduction. Emphasis will be devoted to coastal marine communities.

*** Non CZM majors must contact online@nova.edu to be put on a waitlist. Online CORE classes open to non-CZM majors 2 weeks prior to the start of the term.**

Textbook: None

Summer Courses

ELECTIVE COURSE – ASPECTS OF MARINE POLLUTION

Instructor: Don McCorquodale, Ph.D.

Class Size Limit: 20

CZMT-0790 CRN: 51723

MEVS-5100 CRN: 51724

BSMP-3320 CRN: 52605

This course deals with various forms of environmental pollution as they affect both the land and maritime environment. Focus on the role of microorganisms as causes and indicators of toxicity. Sources, measurement, and control of pollution in marine and coastal environments are discussed.

Textbook: None

Summer Courses

ELECTIVE COURSE – EFFECTIVE ENVIRONMENTAL COMMUNICATION

Instructor: Elizabeth Dickinson, Ph.D.

Class Size Limit: 20

CZMT-0100 CRN: 52603

MAMC-4100 CRN: 51757

Professionals in a wide range of disciplines need to be able to effectively and credibly communicate science and environmental issues in terms that can be clearly understood. This course will cover the spectrum of media available for communicating environmental and science information together with writing and speaking skills for media and other communication channels.

Required Texts:

Jacobson, Susan Kay. (2006). Communication Skills for Conservation Professionals.

Cox, Robert. (2006). Environmental communication and the public sphere. Thousand Oaks, CA: Sage

Summer Courses

ELECTIVE COURSE – MARINE MAMMALS

Instructor: Edward Keith, Ph.D.

Course:

CRN:

OCMB-6340

51754

CZMT-0990

52601

Class Size Limit: 20

MAMC-4990

52602

Marine mammals discusses the physiology and behavioral aspects of many species throughout the worlds oceans.

Textbooks (required): Marine Mammals – Evolutionary Biology, 2nd ed.; Authors: Berta, Sumich, and Kovacs. Publisher: Academic Press (Elsevier); Year: 2006; Edition: 2nd; ISBN: 10:0-12-088552-2

Amazon link: <http://www.amazon.com/Marine-Mammals-Second-Evolutionary-Biology/dp/0120885522/>

Marine Mammals of the World: A Comprehensive Guide to Their Identification; Authors: Jefferson, Webber, and Pitman. Publisher: Acade

Academic Press; Year: 2007; Edition: 1st; ISBN: 978-0123838537

Amazon link: <http://www.amazon.com/Marine-Mammals-World-Comprehensive-Identification/dp/0123838533/>

Summer Courses

ELECTIVE COURSE: OCEAN AND COASTAL LAW

Instructor: Brion Blackwelder

CZMT-0603

CRN: 51719

Class Size Limit: 20

MAMC-4603

CRN: 51756

MCCC-5400

CRN: 51720

BSMP-3240

CRN: 52604

A hodgepodge of laws and approaches apply to the oceans and coasts. Essentially all the legal attention arose within the past six decades. Rights divide among private landowners, resource extractors, local governments, national governments, or international authorities. Today a great period of legal adjustment is in motion as many living systems collapse, bearing social and economic consequences. Much ocean and coastal law is already a story of failure followed by rethinking or reconstruction. This background law is now asked to rise to the task of enabling prevention of global climate change, and to the task of adaptation to its impacts which elude prevention.

Other courses in the distance program address science or policy for living and non-living resources. This course is about how law copes with emerging science and policy. It depicts examples of legal success and of disappointment to highlight the mechanisms and principles of law. From the examples, we understand and can recollect how these laws are created, revised, processed into regulations and administered. Limits on agencies and courts to make interpretation, apply science in legal settings, and enforce are evaluated.

Textbook (required): "Ocean and Coastal Law and Policy" by Baur, Eichenberg, and Sutton, 1st Edition 2008 American Bar Association, ISBN-13: 978-1-59031-982-6 ISBN-10: 1-59031-982-6., library reference is KF626.024 (or 0273) available to order at www.ababooks.org/coastallaw/ and the cost is about \$116.95.

Summer Courses

ELECTIVE COURSE – ENVIRONMENTAL SCIENCE

Instructor: Kristi Foster, Ph.D. CZMT-0915 CRN: 52895

Class Size Limit: 20 MAMC-4915 CRN: 52897

This course is intended to give students an overview of the physical environment, its relationship within the biosphere, and the human impacts upon natural systems. Topics include environmental sustainability; air, water and land ecosystems; biological resources; global atmospheric changes; pollution and waste management; and energy conservation.

Textbook (required): Environment: The Science behind the Stories with Mastering Environmental Science™, Brennan, Scott R. 2011. 4/EJay H. Withgott Prentice Hall 672 pp. ISBN-10: 0321712730 ISBN-13: 9780321712738

Summer Courses

ELECTIVE COURSE – INTERNSHIP IN COASTAL POLICY

Instructor: Steffen Schmidt, Ph.D. CZMT-0664

Class Size Limit: 5 CRN: 51725

Students enrolled in this course are expected to invest the equivalent of 3 hours per week for 14 weeks (i.e. at least 42 hours) in their internship. This can be done at a research organization, private company or consulting firm; local, county, state or federal agency; or other approved venue that is related to coastal zone activities. In addition to hands-on work, each intern will also keep an academic journal of internship activities. The journal will be submitted for review for the final grade. The student's supervisor at the internship venue will also evaluate the student. Permission and approval of supervising Professor is required before you enroll in this class.

Textbook: None

Summer Courses

ELECTIVE COURSE – BACTERIAL EVOLUTIONARY GENETICS

Instructor: Eric Brown, Ph.D.

OCMB-6010 51721

Class Size Limit: 20

BMME-6700 51722

Microbial populations evolve and adapt to their surroundings in rapid and facile ways. This course is designed to familiarize the evolution/ecology/microbiology student with an understanding of the evolutionary genetic mechanisms that govern diversity of the microbial world with a particular emphasis on bacterial species and strains. Numerous genetic mechanisms will be discussed that can rapidly diversify or homogenize bacterial populations including hypermutation, recombination, and the selective deletion of DNA. Many of these adaptive changes lead to the acquisition of dangerous traits among bacteria including enhanced virulence attributes, multi-drug resistance, and unusual tolerance to environmental insults. In addition, methods and assays capable of detecting and measuring these kinds of evolutionary changes among bacterial species and strains will be reviewed. Finally, a survey of analytical approaches currently deployed for ascertaining population and evolutionary diversity within a bacterial population will be undertaken.

Textbook (required): Microbial Evolution: Gene Establishment, Survival, and Exchange; Eds: Robert Miller and Martin Day, ©2004, ASM Press.; Washington, DC; ISBN 978-1-55581-271-3



MS Thesis, Capstone, and DIS Course Numbers

How to find the right Course Reference Number (CRN):

1. Choose your major (OCMB, CZMT, MEVS)
2. Choose your current track (Thesis, Capstone, or DIS)
4. Choose your major professor
5. Select your CRN

Summer Term MB Capstone Courses

Term Code	CRN	Subject	Course #	Section	Course name	Instructor
Capstone - Marine Biology						
201250	51411	OCMB	7020	OD2	Capstone - MB	Arena
201250	51412	OCMB	7020	OD3	Capstone - MB	Blackwelder
201250	51413	OCMB	7020	OD4	Capstone - MB	Burney
201250	51414	OCMB	7020	OD5	Capstone - MB	Dodge
201250	51415	OCMB	7020	OD6	Capstone - MB	Feingold
201250	51416	OCMB	7020	OD7	Capstone - MB	Gilliam
201250	51417	OCMB	7020	OD8	Capstone - MB	Haley
201250	51418	OCMB	7020	OD9	Capstone - MB	Hirons
201250	51419	OCMB	7020	OE1	Capstone - MB	Hochberg
201250	51420	OCMB	7020	OE2	Capstone - MB	Keith
201250	51421	OCMB	7020	OE3	Capstone - MB	Kerstetter
201250	51422	OCMB	7020	OE4	Capstone - MB	Lopez
201250	51423	OCMB	7020	OE5	Capstone - MB	McCorquodale
201250	51424	OCMB	7020	OE6	Capstone - MB	Messing
201250	51425	OCMB	7020	OE7	Capstone - MB	Moulding
201250	51426	OCMB	7020	OE8	Capstone - MB	Purkis
201250	51427	OCMB	7020	OF1	Capstone - MB	Riegl
201250	51428	OCMB	7020	OF4	Capstone - MB	Schmidt, Steffen
201250	51429	OCMB	7020	OF5	Capstone - MB	Sherman
201250	51430	OCMB	7020	OF6	Capstone - MB	Shivji
201250	51431	OCMB	7020	OF7	Capstone - MB	Spieler
201250	51432	OCMB	7020	OF8	Capstone - MB	Thomas
201250	51433	OCMB	7020	OG2	Capstone - MB	Walker

Summer Term MB Thesis Courses

Term Code	Subject	Course #	Section	Course name	Instructor	
Thesis - Marine Biology						
201250	51435	OCMB	6910	OD2	Thesis - MB	Arena
201250	51436	OCMB	6910	OD3	Thesis - MB	Blackwelder
201250	51437	OCMB	6910	OD4	Thesis - MB	Burney
201250	51438	OCMB	6910	OD5	Thesis - MB	Dodge
201250	51440	OCMB	6910	OD6	Thesis - MB	Feingold
201250	51441	OCMB	6910	OD7	Thesis - MB	Gilliam
201250	51443	OCMB	6910	OD8	Thesis - MB	Haley
201250	51444	OCMB	6910	OD9	Thesis - MB	Hirons
201250	51445	OCMB	6910	OE1	Thesis - MB	Hochberg
201250	51448	OCMB	6910	OE2	Thesis - MB	Keith
201250	51450	OCMB	6910	OE3	Thesis - MB	Kerstetter
201250	51451	OCMB	6910	OE4	Thesis - MB	Lopez
201250	51452	OCMB	6910	OE5	Thesis - MB	McCorquodale
201250	51454	OCMB	6910	OE6	Thesis - MB	Messing
201250	51455	OCMB	6910	OE7	Thesis - MB	Moulding
201250	51456	OCMB	6910	OE8	Thesis - MB	Purkis
201250	51457	OCMB	6910	OF1	Thesis - MB	Riegl
201250	51458	OCMB	6910	OF4	Thesis - MB	Schmidt, Steffen
201250	51459	OCMB	6910	OF5	Thesis - MB	Sherman
201250	51460	OCMB	6910	OF6	Thesis - MB	Shivji
201250	51461	OCMB	6910	OG1	Thesis - MB	Soloviev
201250	51462	OCMB	6910	OF7	Thesis - MB	Spieler
201250	51463	OCMB	6910	OF8	Thesis - MB	Thomas

Summer Term MB DIS Courses

Term Code	Subject	Course #	Section	Course name	Instructor	
DIS - Marine Biology						
201250	51481	OCMB	0790	OD2	DIS - MB	Arena
201250	51482	OCMB	0790	OD3	DIS - MB	Blackwelder
201250	51483	OCMB	0790	OD4	DIS - MB	Burney
201250	51484	OCMB	0790	OD5	DIS - MB	Dodge
201250	51485	OCMB	0790	OD6	DIS - MB	Feingold
201250	51486	OCMB	0790	OD7	DIS - MB	Gilliam
201250	51487	OCMB	0790	OD8	DIS - MB	Haley, Michael
201250	51488	OCMB	0790	OD9	DIS - MB	Hirons
201250	51489	OCMB	0790	OE1	DIS - MB	Hochberg
201250	51490	OCMB	0790	OE2	DIS - MB	Keith
201250	51491	OCMB	0790	OE3	DIS - MB	Kerstetter
201250	51492	OCMB	0790	OE4	DIS - MB	Lopez
201250	51493	OCMB	0790	OE5	DIS - MB	McCorquodale
201250	51494	OCMB	0790	OE6	DIS - MB	Messing
201250	51495	OCMB	0790	OE7	DIS - MB	Moulding
201250	51496	OCMB	0790	OE8	DIS - MB	Purkis
201250	51497	OCMB	0790	OF1	DIS - MB	Riegl
201250	51498	OCMB	0790	OF4	DIS - MB	Schmidt, Steffen
201250	51499	OCMB	0790	OF5	DIS - MB	Sherman
201250	51500	OCMB	0790	OF6	DIS - MB	Shivji
201250	51501	OCMB	0790	OF7	DIS - MB	Spieler
201250	51502	OCMB	0790	OF8	DIS - MB	Thomas
201250	51503	OCMB	0790	OG2	DIS - MB	Walker

Summer Term CZM Thesis, Capstone, & DIS Courses

Term Code	Subject	Course #	Section	Course name	Instructor	
Capstone - Coastal Zone Management						
201250	51505	CZMT	0702	OG3	Capstone- CZM	Banks
201250	51506	CZMT	0702	OD4	Capstone - CZM	Burney
201250	51507	CZMT	0702	OD5	Capstone - CZM	Dodge
201250	51508	CZMT	0702	OD7	Capstone - CZM	Gilliam
201250	51509	CZMT	0702	OD9	Capstone - CZM	Hirons
201250	51510	CZMT	0702	OE2	Capstone - CZM	Keith
201250	51511	CZMT	0702	OE5	Capstone - CZM	McCorquodale
201250	51512	CZMT	0702	OF1	Capstone - CZM	Riegl
201250	51513	CZMT	0702	OF4	Capstone - CZM	Schmidt, Steffen
201250	51514	CZMT	0702	OG1	Capstone - CZM	Soloviev
201250	51515	CZMT	0702	OF9	Capstone - CZM	Wetherbee
201250	51516	CZMT	0702	OG2	Capstone - CZM	Walker
Thesis- Coastal Zone Management						
201250	51517	CZMT	0683	OD7	Thesis-CZM	Gilliam
201250	51518	CZMT	0683	OE2	Thesis-CZM	Keith
201250	51519	CZMT	0683	OE3	Thesis-CZM	Kerstetter
201250	51520	CZMT	0683	OE8	Thesis- CZM	Purkis
201250	51521	CZMT	0683	OF1	Thesis- CZM	Riegl
201250	51522	CZMT	0683	OF6	Thesis- CZM	Shivji
201250	51523	CZMT	0683	OG1	Thesis-CZM	Soloviev
201250	51524	CZMT	0683	OE4	Thesis- CZM	Lopez
201250	51525	CZMT	0683	OF9	Thesis-CZM	Wetherbee
DIS - Coastal Zone Management						
201250	51526	CZMT	0755	OD4	DIS - CZM	Burney
201250	51527	CZMT	0755	OD7	DIS - CZM	Gilliam
201250	51528	CZMT	0755	OD9	DIS - CZM	Hirons
201250	51529	CZMT	0755	OE3	DIS - CZM	Kerstetter
201250	51530	CZMT	0755	OF4	DIS - CZM	Schmidt
201250	51531	CZMT	0755	OE4	DIS- CZM	Lopez
201250	51532	CZMT	0755	OF9	DIS - CZM	Wetherbee

Summer Term MEVS Thesis, Capstone, & DIS Courses

Term Code	Subject	Course #	Section	Course name	Instructor	
Capstone - Marine Environmental Sciences						
201250	51533	MEVS	5031	OD4	Capstone - MES	Burney
201250	51534	MEVS	5031	OD6	Capstone - MES	Feingold
201250	51535	MEVS	5031	OE5	Capstone - MES	McCorquodale
201250	51536	MEVS	5031	OF1	Capstone - MES	Riegl
201250	51537	MEVS	5031	OF7	Capstone - MES	Spieler
201250	51538	MEVS	5031	OF8	Capstone - MES	Thomas
Thesis - Marine Environmental Sciences						
201250	51539	MEVS	5039	OD4	Thesis - MES	Burney
201250	51540	MEVS	5039	OE2	Thesis - MES	Keith
201250	51541	MEVS	5039	OF1	Thesis - MES	Riegl
201250	51542	MEVS	5039	OE8	Thesis - MES	Purkis
DIS - Marine Environmental Sciences						
201250	51543	MEVS	5045	OD4	DIS - MES	Burney
201250	51544	MEVS	5045	OE5	DIS - MES	McCorquodale
201250	51545	MEVS	5045	OD7	DIS - MES	Gilliam
201250	51546	MEVS	5045	OF8	DIS - MES	Thomas



PhD Directed Study & Dissertation Credits

How to find the right Course Reference Number (CRN):

1. Choose your current track (Directed Study or Dissertation Credits)
4. Choose your major professor
5. Select your CRN

Summer Term PhD Courses

Term Code	Subject	Course #	Section	Course name	Instructor	
Ph.D. Directed Study Credits						
201250	51549	OCGY	0799	OD3	Ph.D. Directed Study	Blackwelder
201250	51550	OCGY	0799	OE4	Ph.D. Directed Study	Lopez
201250	51551	OCGY	0799	OE6	Ph.D. Directed Study	Messing
201250	51552	OCGY	0799	OE8	Ph.D. Directed Study	Purkis
201250	51553	OCGY	0799	OF1	Ph.D. Directed Study	Riegl
201250	51554	OCGY	0799	OF5	Ph.D. Directed Study	Sherman
201250	51555	OCGY	0799	OF6	Ph.D. Directed Study	Shivji
201250	51556	OCGY	0799	OF7	Ph.D. Directed Study	Spieler
201250	51557	OCGY	0799	OD7	Ph.D. Directed Study	Gilliam
Ph.D. Thesis Credits						
201250	51558	OCGY	8000	OD3	Ph.D. Dissertation	Blackwelder
201250	51559	OCGY	8000	OD5	Ph.D. Dissertation	Dodge
201250	51560	OCGY	8000	OE4	Ph.D. Dissertation	Lopez
201250	51561	OCGY	8000	OE8	Ph.D. Dissertation	Purkis
201250	51562	OCGY	8000	OF1	Ph.D. Dissertation	Riegl
201250	51563	OCGY	8000	OF5	Ph.D. Dissertation	Sherman
201250	51564	OCGY	8000	OF6	Ph.D. Dissertation	Shivji
201250	51565	OCGY	8000	OF7	Ph.D. Dissertation	Spieler