

 FLORIDA ATLANTIC UNIVERSITY	NEW COURSE PROPOSAL Graduate Programs		UGPC Approval _____ UFS Approval _____ SCNS Submittal _____ Confirmed _____ Banner Posted _____ Catalog _____
	Department Biological Sciences College CESCOS <i>(To obtain a course number, contact erudolph@fau.edu)</i>		
Prefix BSC Number 6313	<i>(L = Lab Course; C = Combined Lecture/Lab; add if appropriate)</i> Lab Code	Course Title Marine Conservation Biology	
Credits <i>(Review Provost Memorandum)</i> 3	Grading <i>(Select One Option)</i> Regular <input checked="" type="radio"/> Sat/UnSat <input type="radio"/>	Course Description <i>(Syllabus must be attached; see Guidelines)</i> Marine Conservation Biology is an emerging discipline that draws together the fundamentals of Biology, Marine Science, Conservation and Management, Ethics, and Policy. Students gather and integrate information from diverse areas to understand threats to Marine Biodiversity and Contemporary Techniques used to address marine Conservation problems.	
Effective Date <i>(TERM & YEAR)</i> Spring 2017			
Prerequisites Graduate Standing or permission of instructor		Corequisites None	Registration Controls <i>(Major, College, Level)</i> Major: Biological Sciences, Integrative Biology, Environmental Sciences or Permission of Instructor: College: CESCOS Level: Graduate 6000 Level
<i>Prerequisites, Corequisites and Registration Controls are enforced for all sections of course</i>			
Minimum qualifications needed to teach course: Member of the FAU graduate faculty and has a terminal degree in the subject area (or a closely related field.)		List textbook information in syllabus or here Marine Conservation Biology edited by Elliott A. Norse and Larry B. Crowder (Pineapple Press) ISBN-13:978-1559636629-ISBN-10: 1559636629 & Contemporary Peer-Reviewed Literature.	
Faculty Contact/Email/Phone Jeanette Wyneken jwyneken@fau.edu 561-297-0146		List/Attach comments from departments affected by new course	

Approved by Department Chair _____ College Curriculum Chair _____ College Dean <u>Dr. Charles Roberts</u> UGPC Chair _____ Graduate College Dean _____ UFS President _____ Provost _____	Date <u>10-19-16</u> <u>10-19-16</u> <u>10-27-2016</u> _____ _____ _____
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Email this form and syllabus to UGPC@fau.edu one week before the UGPC meeting.

SC 289

Marine Conservation Biology BSC 6316 Spring 2017 3 credit hr

Wednesdays 10 AM – 12:50 PM

Boca campus: TBD CRN TBD

Davie campus: DW 421 CRN TBD

HBOI: TBD CRN TBD

Dr. Jeanette Wyneken

Sanson Science (SC), Rm 266 Phone: 561 297-0146 Email: jwyneken@fau.edu

Office hours: Wednesdays 1-2:50 PM or by appointment

Course Description and objective. Marine Conservation Biology is an emerging discipline that draws together the fundamentals of biology, conservation studies, marine science, management and policy.

Few fields are as relevant to Florida's environment as Marine Conservation Biology. The span of the field goes well beyond Florida and likely will require students to think in new ways as different fields are brought together.

Text and Instruction Style. The required text for the course is *Marine Conservation Biology* edited by Elliott A. Norse and Larry B. Crowder. The format of the course is presentation and discussion of material in chapters, supplemented by current supporting materials from the primary literature, occasional visiting speakers and assigned online lectures from experts in the field. You are to come to class having read the assigned material for the week. The presenter will give a lecture on the topic that goes beyond your reading and will lead a discussion. One term paper is required on a mutually agreed upon topic. The course is broadcast among the Boca Raton, Davie and HBOI campuses, with participation by students at all three locations.

Date	Topic and Homework Assignments	Leader
Jan 11	Course Introduction and Organization (Forward & Preface)	Wyneken
Jan 18	Part 1 Introduction to the field/ populations, Chapters 1-4	Wyneken
Jan 25	Extinction Risks/ Behavioral Implications, Chapters 5-6	Student lecture
Feb 1	Biodiversity/Multiple Stressors Chapter 7, 10, TED lectures	(guest lecture)
Feb 8	Bioinvasions/Disease & Conservation Biology, Chapters 8-9	Student lecture
Feb 15	Fisheries, Chapters 11-12	Student lecture
Feb 22	Fisheries and demographics, Chapters 13-14	(guest lecture)
Mar 1	Sustainable fisheries, Marine Protected Areas, Chapters 15-17	Student lecture
Mar 8	Spring Break	No class
Mar 15	Place-Based Ecosys. Mgmt/pop. structure Chapters 19-18	Student lecture
Mar 22	The Human Element Part 5 Management Issues Chapters 20-22	Student lecture
Mar 29	Ecosystem Recovery Chapter 23	Student lecture
April 5	Sea Ethic Chapter 24, Zoning the seas Chapter 25	Student lecture
April 12	Term Papers Due (electronic form); individuals select & justify Marine Earth Day (April 22) activity	Student Disc
April 19	Marine Earth Day (April 22) activity, documentation due 24/04/17	Earth Day Activity
April 26	Reading Day	
May 3	Final Exam period (Term Papers returned), panel debate	Wyneken

Course Evaluation Method:

Attendance 25% of grade: Attendance is required. Students taking the course for credit are expected to attend all sessions. University excuses (documented illness, etc.) as described in the student handbook are required for missed classes. Required absences due to research, professional meetings, etc. are permitted on a limited basis but only when arranged in advance with the professor. Material missed in excused absences must be made up. Reasonable accommodation will also be made for students participating in a religious observance

Participation 25% of grade: Students are expected to have read the assigned chapters prior to attending class. Some chapters will cover material that is new and challenging. Students are expected to research the topics and come prepared to discuss the topics and help the class gain understanding. The last class will be a panel debate of a contemporary topic, selected by the class.

Presentation 25% of grade: Students are responsible for developing presentations around each topic (sometimes a topic spans one chapter, sometimes more than one). Each student will develop a summary of the chapter and relevant new material and lead the class discussion around key topics and a selected paper. The class will critically evaluate each lecture and discussion by confidential means. The class evaluations will count for half of the participation and presentation grades.

Term paper: 25% of grade Each student will write an 8-10 page term paper (plus literature cited) critically reviewing a topic in Marine Conservation Biology. The topics will be agreed upon by the student and the instructor no later than 4th class. A scoring rubric will be provided prior to the due date for the term paper.

Maximum possible points will be normalized to a 100% scale. Letter grades are assigned based on the following scale. A 90% and above; B 80-89%, C 70-79%, D 60-69%. Plus and minus grades will be based on grade distributions within the major grade categories using FAU guidelines.

Class Conduct: It is expected that all class members will exhibit respectful and courteous behavior in their words and actions during class sessions and in all interactions with other students, faculty, staff and graduate teaching assistants. Examples of respectful behavior include:

- Turn off cell phones when entering the classroom.
- Use computers/tablets only for lecture-related material
- Put away other reading materials unrelated to class.
- Arrive in the classroom on time so that the class session is not interrupted by tardiness.

Disability Policy Statement: In compliance with the Americans with Disabilities Act (ADA), students who require reasonable accommodations due to a disability to properly execute coursework must register with the Office of Student Accessibility Services (SAS) and follow all SAS procedures. SAS has offices across three of FAU's campuses- Boca Raton, Davie, and Jupiter, however, disability services are available for students on all campuses.

Code of Academic Integrity: Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty is considered a serious breach of these ethical standards, because it interferes with the university mission to provide a high quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the university community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see University Regulation 4. 001.

<http://www.fau.edu/ctl/4.001> Code of Academic Integrity.pdf For students needing additional information, the following FAU link is helpful:

<http://www.fau.edu/studentsindistress/academicintegrity.php>



Jeanette Wyneken <wynekenatwork@gmail.com>

Graduate course in Marine Conservation Biology

Dale Gawlik <dgawlik@fau.edu>
To: Jeanette Wyneken <jwyneken@fau.edu>
Cc: Jay Baldwin <jbaldwin@fau.edu>

Mon, Oct 3, 2016 at 1:42 PM

Hi Jeanette,

As Director of Environmental Science, I believe that this course would be a nice addition to the Env. Sci. Program Curriculum. As the instructor of the closely related graduate course, Conservation Biology 6045, I see no conflict and welcome this new course in the conservation arena.

Dale

[Quoted text hidden]

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Dr. Dale E. Gawlik, Director
Environmental Science Program
Professor of Biological Sciences
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Jeanette Wyneken <wynekenatwork@gmail.com>

Graduate course in Marine Conservation Biology

John Baldwin <jbaldwin@fau.edu>

Mon, Oct 3, 2016 at 9:15 AM

To: Jeanette Wyneken <jwyneken@fau.edu>, Dale Gawlik <dgawlik@fau.edu>

I am fine with listing Seminar in Ichthyology as a recommended background course. We should be sure to schedule these courses so that they don't conflict.

John D. Baldwin, Ph.D.

Professor

Department of Biological Sciences

Florida Atlantic University

Office: 954-236-1151

Email: jbaldwin@fau.edu

From: <wynekenatwork@gmail.com> on behalf of Jeanette Wyneken <jwyneken@fau.edu>**Date:** Sunday, October 2, 2016 9:18 PM**To:** John Baldwin <jbaldwin@fau.edu>, Dale Gawlik <dgawlik@fau.edu>**Subject:** Re: Graduate course in Marine Conservation Biology

[Quoted text hidden]