



## **Nova Southeastern University**

### **Oceanographic Center**

#### **Marine Environment: Psychological Dimensions**

**Course #** MAMC 4980

**Course Syllabus** (Winter Session II - 2015)

**Credit:** 3 Credit Hours

**Days:** March 30 – April 24, 2015

**Time:** flexible (online)

**Instructor:** Dr. Hank Janpol

**Phone:** (954) 262-3600 (Oceanographic Center Office)

**E-Mail:** [hjanpol@nova.edu](mailto:hjanpol@nova.edu)

**Office:** via Blackboard

**Office Hours:** flexible – instructor will check Blackboard for messages several times each week and will respond as promptly as possible to student questions, submissions, or other messages.

#### **Course Description:**

Psychology is the scientific study of behavior and mental processes. Environmental psychology examines the interrelationship between various environments and human behavior. In this graduate course, students will explore the relevance of concepts and viewpoints from

environmental psychology to understanding phenomena in marine environments. They will consider how methods and procedures developed in the field of environmental psychology might be useful in solving problems and issues occurring within ocean and coastal environmental settings.

### **Books/Reading Materials:**

No textbooks or other reading materials will need to be purchased for this course. All necessary materials will be available to download online via the course website on Blackboard. All students should read the article entitled *Environmental Psychology Matters* by Robert Gifford during the first week of class. During the second, third, and fourth weeks of class, additional articles will be read by students.

### **Topics to be covered:**

- Environmental Psychology - general concepts, theories, research methods.
- Attitudes toward the environment, appraisal, & assessments.
- Personality factors relevant to care and protection of marine environments.
- Perception and cognitive mapping – Polynesian navigation strategies.
- Personal space, territoriality, privacy as pertinent to marine environmental issues.
- Effects of noise & sound on humans and marine creatures.
- Environmental stress and coping – psychological effects of living in marine habitats, and long distance ocean voyaging.
- Nature as a restorative force – how and why healthy oceans can benefit humans' physical and psychological health and well-being.
- Preferred environments – do humans show a preference for marine settings?
- Participation – how psychological research and methodology may be used to enhance citizen involvement in design, management and restoration efforts involving marine environments.
- Psychological strategies for managing litter, and water pollution.
- Utilizing Psychology to take care of and improve marine environments - devising intervention techniques for promoting appropriate behavior regarding marine environments

### **Learning Outcomes:**

At the completion of the course, students should be able to:

1. Be familiar with the theory and research practice of the field of environmental psychology.
2. Apply psychological research methods to improve the functioning of marine settings.
3. Be more aware of the impact of physical surroundings on behavior of people and marine organisms.
4. Apply theories and principles of psychology to understand the interaction of humans and marine environments.

5. Increase their understanding of the role of human cognitive processes, attitudes and behaviors in the origin of and solutions to environmental problems.
6. Access and critique research literature and mass media information related to ocean and coastal environmental problems and their solutions.
7. Gain insight into the ways in which the environment influences our feelings and experiences.
8. Apply and integrate psychological theory, research methods, and principles in understanding important practical issues involving the marine environment.

### **Instructional Approach:**

A series of articles have been selected by the instructor for students to download and read through the course page on Blackboard. Students will download and read articles available from the course Blackboard page. During each week, there will be projects (assignments) to complete based upon the material covered in the articles. Detailed guidelines for doing the assignments will be listed on the course page in Blackboard. There will also be presentation slides supplied by the instructor designed to summarize and elucidate many of the topics covered in the course. Links to some videos will be available via the course page in Blackboard. Some of the slides also contain links to recommended video materials. Students are encouraged to view all of the video materials; internet connection is needed to watch the videos.

Students are expected to actively participate online from the first week of class until the end of term. If a student anticipates that they may be unable to access their online course for several days, they should notify the instructor in advance to make alternate arrangements for any missed coursework. Similarly if an unanticipated event such as illness or an emergency takes them away from coursework, they should inform their instructor.

### **Grading Policy:**

Grades will be based on a point system.

90-100% = A

80-89% = B

70-79% = C

60-69% = D

< 60% = insufficient for passing grade

Grades will be based upon the quality of assignment papers you submit. Rubrics outlining assessment criteria for assignments will be provided by instructor.

### **Technical Help :**

If you encounter technical problems, please contact the NSU Help Desk at:

<http://www.nova.edu/help/index.html>. Call: (954) 262-HELP (4357) or Toll Free: (800) 541-NOVA (6682) x24357.

### **Library and Study Support:**

The Oceanographic Center is fortunate to have its own dedicated library and librarians on site to assist in-house and distance students. Please explore the learning resources, including the extensive full-text journals. To learn more, you are encouraged to email or telephone a librarian. You can find details at: <http://nova.campusguides.com/oclibrary>.

### **Academic Honesty/Plagiarism :**

Read Section 5.0 Student Conduct of the catalog for details. The main points are:

Assignments such as exams, tests, projects, term papers, etc., must be the original work of the student.

- All academic work submitted for credit or as partial fulfillment of course requirements must adhere to the specific accepted reference manuals and rules of documentation (e.g. Chicago Manual of Style). It is plagiarism to represent another person's work, words, or ideas as one's own without use of a center-recognized method of citation.
- Giving or allowing one's work to be copied, giving out exam questions or answers, or releasing or selling term papers is prohibited.
- Violations of academic responsibility include, but are not limited to:
  - plagiarism
  - any form of cheating
  - conspiracy to commit academic dishonesty
  - misrepresentation
  - bribery in an attempt to gain an academic advantage
  - forging or altering documents or credentials
  - knowingly furnishing false information to the institution
  - falsifying excuses for missing attendance

For clarification on plagiarism and copyright, students are referred to the online overview provided by the library at: <http://www.nova.edu/library/dils/lessons/plagiarism/>

Faculty members at the Oceanographic Center have access to comprehensive web-based *Turnitin.com* plagiarism prevention programs. Registered students may request to submit their papers to *Turnitin.com*, prior to assignment submission, as a learning tool. The institution reserves the right to require a student to withdraw at any time for misconduct as described above. It also reserves the right to impose probation or suspension on a student whose conduct is determined to be unsatisfactory.

In order to ensure the highest standards of academic honesty and ethical behavior, the NSU policies on cheating and plagiarism will be enforced. Instructors are empowered by NSU

policy to penalize a student suspected of academic dishonesty, plagiarism, or other-wise misrepresenting work and I will do so and report that student to the Dean of the OC.

**Keys To Success:**

In order to maximize your performance in this course, I suggest that you thoroughly read and think critically about the material covered in the articles for this class. Make a sincere effort to do your best on all the assignments and projects.

**UNIVERSITY-WIDE POLICY STATEMENTS:**

A. Academic Misconduct: Academic misconduct appears in a variety of forms (including plagiarism). It is a violation of NSU academic policy and may be punished in a variety of ways, from failing the assignment and/or the entire course to academic probation, suspension or expulsion. If you have questions about what constitutes academic misconduct before turning in an assignment, see your instructor or the NSU Student Handbook at <http://www.nova.edu/cwis/studentaffairs/forms/ustudenthandbook.pdf>.

B. ADA Policy: Nova Southeastern University provides accommodations for students with documented disabilities. If you have a disability for which you believe you require accommodation, please contact Academic Services - <http://www.nova.edu/disabilityservices/>, 954-262-7189).

C. Withdrawals and Refund

Graduate students may withdraw from a course at any time before the fourth week of class and may receive a partial refund. A request for tuition refund must be made in writing at the time of withdrawal to the distance education office at the Oceanographic Center at [online@nova.edu](mailto:online@nova.edu) (Do not send such requests to your instructor). Refunds will be made solely at the option of the university and will be based on the legitimacy of the reason for withdrawal. If granted, refunds are adjusted as follows:

- Before the first class meeting/week of class 100%
- Before the before the Friday of the 1st week of class 75%
- Thereafter 0%

**Last Day to Withdraw:** It is your responsibility to formally withdraw from this course by completing the appropriate forms within the designated time frame in order to receive a partial refund. A request for tuition refund must be made in writing at the time of withdrawal. Refunds will be made solely at the option of the university and will be based on the legitimacy of the reason for withdrawal. Instructor will NOT backdate paperwork to manipulate grades.

D. Email Policy: All email communications between students and faculty must be conducted via NSU email accounts or Blackboard (<http://www.nova.edu/common-lib/policies/emailcomm.policy.html>). Emails sent to faculty from non-NSU accounts will be

returned to the sender with instructions to resend the communication from your NSU account. To set up an NSU email account or to get help with an existing account, go to [https://www.nova.edu/sbin/account\\_request](https://www.nova.edu/sbin/account_request). Also, the computer help desk is available to assist you with questions regarding your NSU email account. It can be reached at 954-262-HELP(4357).

E. Student Course Evaluations: Student comment and feedback evaluating each college class is an important tool to evaluate program effectiveness. Participation in this process is a responsibility of each student.

**Course Requirements:**

Students will submit their work using MS Word, Apple Pages or PDF formats using Blackboard. Submissions in other formats will not be accepted.

Eluminate (E) sessions will be offered as an option. An Assignment Discussion Board will be available during the course. Students are encouraged to post questions, express ideas, and offer answers to the postings. Participating in discussion forums is optional in this class - You are NOT required to participate with the Assignment Discussion Board.

**Course Outline**

Week /Date	Topics	Readings Assignments
1/ Mar 30, 2015	Environmental Psychology - general concepts, theories, research methods.	<i>Environmental Psychology Matters</i> by Robert Gifford.  *Review slide series entitled <i>Introduction</i>
2/ April 6, 2015	Attitudes toward the environment, appraisal, & assessments.  Personality factors relevant to care and protection of marine environments.  Perception and cognitive mapping – Polynesian navigation strategies.  Personal space, territoriality, privacy as pertinent to marine environmental issues.	<i>Environmental Attitudes and Environmental Behavior- Which Is the Horse and Which Is the Cart?</i> Efrat ,E & Trop,T.  <i>Profiling the ‘Pro-environmental Individual’: A Personality Perspective.</i> Markowitz, E., et.al  <i>Nautical Cartography &amp;Traditional Navigation in Oceania.</i> Finney, B. Watch video <i>The Navigators-Pathfinders of Pacific</i>  <i>Place attachment and pro-environmental behavior in national parks: the development of a conceptual framework.</i> Ramkissoon, H, et.al  *Slides: <i>Attitudes &amp; Assessment and Personal Space &amp; Territoriality</i>
3/ April 13, 2015	Participation – how psychological research and methodology may be used	<i>Understanding and Managing Human Threats to the Coastal Marine Environment.</i> Crain, C.,

	<p>to enhance citizen involvement in design, management and restoration efforts involving marine environments.</p> <p>Psychological strategies for managing litter, and water pollution.</p> <p>Utilizing Psychology to take care of and improve marine environments - devising intervention techniques for promoting appropriate behavior regarding marine environments</p>	<p>et.al.</p> <p><i>Who Recycles &amp; When? A Review of Personal &amp; Situational Factors.</i> Schultz, W., et. Al.</p> <p><i>Changing Behavior and Making it Stick.</i> DeYoung, R.</p> <p>Videos: (Cialdini) <i>6 Principles of Persuasion; Social Influence on Environmental Behaviors</i></p> <p>*Review slide series entitled <i>Changing Behaviors</i></p>
<p>4/ April 20, 2015</p>	<p>Effects of noise &amp; sound on humans and marine creatures.</p> <p>Environmental stress and coping – psychological effects of living in marine habitats, and long distance ocean voyaging.</p> <p>Nature as a restorative force – how and why healthy oceans can benefit humans’ physical and psychological health and well-being.</p> <p>Preferred environments – do humans show a preference for marine settings?</p>	<p><i>The Effects of Anthropogenic Sound on Marine Mammals.</i> Marine Board-European Science Foundation.</p> <p>Videos: <i>Marine Mammals &amp; Sonar; Peter Tyack-Sound in Marine Mammals; Navy Sonar in Puget Sound.</i></p> <p><i>Psychological stress in seafarers: a review.</i> Carotenuto, A.,et..al</p> <p><i>Psychological Screening of Submariners.</i> Bingl</p> <p><i>Marine &amp; Coastal Ecosystems and Human Well-Being.</i> UNEP-WCMC</p> <p><i>Happiness is Greater in Natural Environments.</i> Mackerron, G., et.al</p> <p>*Review slide series entitled <i>Noise &amp; Sound and Restorative Effects of Nature.</i></p>

\*Instructor reserves the right to make changes in the syllabus as deemed necessary at any time during the term