

# Information on Freshmen Registration FOR THE

## ROSENSTIEL SCHOOL OF MARINE AND ATMOSPHERIC SCIENCE

Welcome to the University of Miami's Rosenstiel School of Marine and Atmospheric Science! We are pleased that you have chosen to join our program and look forward to your arrival on campus.

Selecting your courses for your first semester at UM will be the first step you take in transitioning into your college career. You may use the following information, as well as the [UM Bulletin](#) in regards to our degree requirements and which courses should be taken within your first semester. Please read this document in its entirety to ensure proper enrollment.

Please click [here](#) for a step-by-step video on how to register for classes. As you are working on your selections, should questions arise, please email the Marine and Atmospheric Science Program at [marsci@miami.edu](mailto:marsci@miami.edu).

### [Links to Helpful Canelink Video Tutorials](#)

[How to set up a swap in Canelink](#)

[How to add yourself to a waitlist in Canelink](#)

## GENERAL INSTRUCTIONS FOR PLANNING YOUR COURSE SELECTIONS

**Please use this guide to select and register for your first semester courses. Please contact the Marine and Atmospheric Science Program at [marsci@miami.edu](mailto:marsci@miami.edu) or by phone (305-284-2180) should you need assistance. Before Orientation you will be assigned a faculty advisor. Your appointment time for advising will be given to you at Orientation.**

For the purpose of our online pre-selection process, we are concentrating only on the **required core courses** needed to graduate. After arriving on campus, you will meet with your faculty advisor to discuss how this first semester fits into your overall curriculum requirements. A typical full-time academic schedule for a new RSMAS freshman will include 4-5 courses with 1 to 2 labs (14-17 credits).

Course descriptions can be found through [Canelink](#). CaneLink is the University of Miami's online portal for students and faculty. You will use your existing CaneID and password to log on. Please use the guide provided on the [New Student Registration website](#) to search for courses.

## AP/IB/CLEP Exams, Dual Enrollment, Transfer Courses

- **AP/IB (HL) or CLEP exams:** If you do not know the results of AP/IB (HL) and CLEP exams at this time, you will need to make a judgment about the potential for receiving credits. Let us know which exams you have or will have taken. Upon receipt of the results, please inform the Marine and Atmospheric Science office by e-mail at [marsci@miami.edu](mailto:marsci@miami.edu). You may check the AP/IB (HL) [score tables online](#) in order to determine the exam scores necessary for the awarding of University of Miami credit for specific courses.
- To have AP and IB (HL) scores evaluated for UM credit, you must request that your scores be sent directly to the UM Office of Admission from the College Board or from your regional IB office---a notation on the high school transcript is not sufficient. To have CLEP scores evaluated for UM credit you must submit an Official Test Result Report to the UM Office of Admission. The University of Miami's School code is 5815.
- **Dual Enrollment/Transfer credits:** If you took a course for college credit, you must submit official transcripts to the UM Office of Admission from the issuing College or University. A listing on the high school transcript is not sufficient to award college credit. A minimum grade of "C" is required for consideration of credit in all dual enrollment and transfer courses. Please note: All grades earned in these courses are part of your permanent record. If you plan on using a transferred science or math course as an equivalent to a course required for your major, please send the course syllabus to [marsci@miami.edu](mailto:marsci@miami.edu) for review.
- Official test scores and/or transcripts for credits earned from any college/university should be sent to: University of Miami, Office of Admission, P.O. Box 249117, Coral Gables, FL 33124-9117.

## Cognates

The University General Education requirements will be completed using cognates. A cognate is a group of at least three courses for at least nine credits, related in a topical, thematic, interdisciplinary, sequential, or other fashion, so that completion of a cognate provides coherent depth of knowledge.

You will need to complete one cognate in each of the three Areas of Knowledge: Arts and Humanities, People and Society (Social Sciences), and Science, Technology, Engineering and Mathematics (STEM). All undergraduate students in the Rosenstiel School will be required to complete the Arts and Humanities cognate but will fulfill their STEM cognate requirement through their major requirements. Students in Marine Affairs will fulfill their People and Society cognate requirement through their minor. Students in Marine Science may elect to fulfill the People and Society cognate requirement with a Marine Policy cognate. Students in Meteorology may elect to fulfill the People and Society cognate requirement with a Broadcast Meteorology cognate. Cognates integrating Study Abroad courses are also available. See program advisors for details. To find out more information about cognates go to [www.miami.edu/cognates](http://www.miami.edu/cognates).

# Required Courses for Majors

The following sections outline the recommended courses for freshman enrolling in each major. Freshman beginning with transfer credit should contact the main office at [marsci@miami.edu](mailto:marsci@miami.edu). Transfer students please also contact [marsci@miami.edu](mailto:marsci@miami.edu) for guidance in course selection. The English and Mathematics requirements for all majors are described at the end of this document.

## Marine Affairs

- Enroll in English and Mathematics courses as described in their respective sections (See Below).
- An introductory science course, either BIL 150 or CHM 111.
- Consider taking both CHM 111 and BIL 150 or take an elective towards an Arts and Humanities cognate if you received credit for ENG 105 and 106/107. See [www.miami.edu/cognates](http://www.miami.edu/cognates).
- ECO 211, or an additional course of your choice. We suggest you begin with the introductory course in your chosen minor\*, or a course towards an Arts and Humanities cognate. See [www.miami.edu/cognates](http://www.miami.edu/cognates).

\* Approved minors (with introductory courses) are: Anthropology (one of APY 201, 202, 203 or 204), Economics (ECO 211), Ecosystem Science and Policy (ECS 111 or 113), Geography and Regional Studies (any 100- or 200-level GEG course), Latin American Studies (LAS 101), International Studies (one of INS 101, 102, 201 or 202), or Political Science (one of POL 201, 202, or 203). For minors in Business or Communication, please contact the Marine and Atmospheric Science office.

## Marine Science

- Enroll in English and Mathematics courses as described in their respective sections (See Below).
- If you place out of Calculus (with an AP score of 5 on Calculus BC, or an IB score of 7 on the HL test), take GSC111 or GSC 110 and 114.
- Introductory science courses BIL 150 and CHM111/113
- If you have credit for one of the introductory courses, take the next level course BIL160/161 or CHM112/114.
- Consider taking CHM 111/113, BIL 150, and either GSC111 or GSC110/114 or take an elective towards an Arts and Humanities cognate if you received credit for ENG 105 and 106/107. See [www.miami.edu/cognates](http://www.miami.edu/cognates).

## English

Students must take two English composition courses, ENG 105 and either 106 or 107. All incoming students must take ENG 105 unless it is waived, you earned AP/IB credit, or you have Foote Fellow status. If you have a minimum SAT Writing score of 700 or a minimum ACT English score of 32, ENG 105 is waived; take ENG 106 or ENG 107 instead. There are two sections of ENG 107 designated for our program (C9 and D9). We would ask that you select a section and contact [marsci@miami.edu](mailto:marsci@miami.edu) so that we may enroll you in the correct course. ENG 107 is a specialized version of ENG 106 focusing on the sciences. Students with AP scores of 5 on the English Literature or Language exams (IB score of 6 in HL English A1) receive credit for ENG 105 and 106.

## Mathematics

For all incoming students the appropriate level of math course may be determined by AP/IB scores, SAT/ACT scores, previous college credit, or by the on-line ALEKS test. Please see 'Placement Guide' under <http://www.math.miami.edu/undergraduate/aleks-math-placement/> to determine which math course you should begin with to start the math sequence required for your major.

Marine Science and Meteorology majors will be required to complete one year of calculus. Marine Affairs majors are required to take one math course (MTH 108 or above). In addition, all undergraduate students must take one course in either statistics or computer science.

### Approved Statistics and Computer Science Courses for All Tracks

<b>Course Code</b>	<b>Title</b>
MSC 204	Environmental Statistics
BIL 311	Biostatistics
IEN 311	Applied Probability and Statistics
MTH 224	Introduction to Probability and Statistics
PSY 291	Introduction to Biobehavioral Statistics
CSC 120	Computer Programming I
CSC 210	Computing for Scientists

### Approved Math Courses for Marine Affairs

<b>Course Code</b>	<b>Title</b>
MTH 101	Algebra for College Students
MTH 107	Pre-calculus Mathematics
MTH 108	Pre-calculus Mathematics II
MTH 113	Finite Mathematics
MTH 130	Introductory Calculus
MTH 140	Calculus Concepts with Foundations A
MTH 161	Calculus I

MTH 162 or MTH 172	Calculus II
--------------------	-------------

### Approved Math Courses for Marine Science and Meteorology

<u>Course Code</u>	<u>Title</u>
MTH 107	Pre-calculus Mathematics
MTH 108	Pre-calculus Mathematics II
MTH 140	Calculus Concepts with Foundations A
MTH 161	Calculus I
MTH 162 or MTH 172	Calculus II

CONGRATULATIONS! You have now all the information you need to start the course selection process. If you have any questions call: (305) 284-2180 or email [marsci@miami.edu](mailto:marsci@miami.edu).

**You will receive a copy of your schedule of classes during Orientation and will have an appointment with a faculty advisor during that time – before classes begin.**