



## University Curriculum

Class Afloat partners with [Acadia University](#) for post-secondary studies. Acadia University is one of Canada's top-ranked undergraduate universities.

All academic courses presented aboard the Gulden Leeuw are offered via Open Acadia, Acadia University's initiative to offer flexible programming and learning opportunities to Acadia students and the greater community. Each course meets daily as part of the on-board academic timetable with course facilitators animating discussions, drawing connections to events in ports of call and around the world, and assisting students in understanding material and completing course work. Assignments will be submitted by students via email while in port for evaluation by their supervising professors at Acadia.

Students are required to select a minimum of two courses and maximum of three courses for each semester they are aboard. None of the courses listed below require prerequisite high school courses - all courses are open to all students with the exception of PSYC 1523 (PSYC 1513 is the pre-requisite).

All students will participate in Class Afloat's unique Sociology of Community programme for the full semester or year that they are aboard. All students will also participate in a programme in Physical Education Leadership (110 hrs) for the full semester or year they are aboard.

Textbooks for university courses are the **responsibility of the student** as required and may be ordered via the [Acadia University Bookstore](#).

Please Note: All courses listed may not be offered and the school reserves the right to cancel courses which are under-subscribed, which present scheduling conflicts and/or for which no instructor is available.

## **University Course Selection 2015-2016**

The following courses will be offered on board via Acadia University's distance education department (Open Acadia):

Semester One:

- Biology 2663 - Marine Biology
- English 1413 Writing and Reading Critically
- Physics 1513 - Astronomy I: The Solar System
- CODE 1013 - Foundations of Leadership: Theory and Practice
- Sociology 1033 – Introduction to Sociology: Social Problems

Semester Two:

- Biology 2663 - Marine Biology
- Communication 1213 – Effective Communication
- Psychology 1013 – Introduction to Psychology: Experimental Area
- Nutrition 1503 – Understanding Nutrition
- Physics 1523 – Astronomy II: Stars, Galaxies, and the Universe

### **BIOL 2563 - Marine Biology**

This course will teach you about the oceans of the world, what lives in them, how they function, how they are important to humans and our impact on them.

### **COMM 1213 - Communication I**

Development of the basic skills needed for effective communications. Communication theory is introduced. Grammar and sentence structure are taught. Emphasis is upon developing an effective, concise, direct writing style. Students also learn the appropriate techniques and formats for writing reports and letters, and how to plan and deliver oral presentations and speak in public.

### **ENGL 1413 - Writing and Reading Critically**

This course introduces students to novels, plays, and poems from the twentieth century and earlier. This course will develop creative and analytical skills and will provide students with strategies for writing clearly and persuasively.

### **PSYC 1013 - Introduction to Psychology: Experimental Area**

An introductory survey of psychology with emphasis on basic processes including perception, learning, psychophysiology, cognition, and basic research methods.

### **NUTR 1503 - Understanding Nutrition**

The scientific basis of food selection for health. The course stresses evaluation of personal nutrient intake, especially carbohydrate, fat, and protein, in relation to needs for active living, weight management, and chronic disease prevention.

### **PHYS 1513 - Astronomy I: The Solar System**

This course is the first part of a general introduction to astronomy. It emphasizes the night sky and objects in our solar system. The instructor discusses space science, telescopes, cameras and other instruments used in the study of astronomy. Observation sessions are included.

**PHYS 1523 - Astronomy II: Stars, Galaxies, and the Universe**

This course is the continuation of Astronomy I. Starting with the study of the sun, our nearest star, the course ventures into the realm of exploding stars, pulsars, black holes and other exotic phenomena in the universe. Other topics include star formation, nuclear fusion, nucleosynthesis and stellar evolution. The central theme will be origins: the origins of our Universe, matter, galaxies, stars, planets, and life. Observation sessions will be held as weather permits. Prereq: PHYS 1513.

**CODE 1013 - Foundation of Leadership**

A theoretical and experiential investigation of leadership and group dynamics for professional and voluntary settings. Emphasis is given to the application of theory for effective leadership of groups and organizations.

**SOCI 1033 - Introduction to Sociology: Social Problems**

This course introduces sociological concepts, principles and approaches through a focus on social problems in contemporary societies.

Further detail on course content can be found on the [Acadia University website](#).

A Class Afloat course facilitator (instructor) is assigned to each course which is structured daily within our university course timetable.

Class Afloat university courses do not have prerequisites and, therefore, are available to all students. Note, however, that students taking PHYS 1523 must first complete PHYS 1513.