

# COLLEGE (COLL)

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## **COLL 0010 Pre-First Year Program in WRIT/MATH/BIOL**

In this course, students will participate in a month-long academic program that covers Writing, Math, and Biology. The Writing course focuses mainly on writing about literature, students will learn general principles and strategies for good writing in various disciplines and genres. "Place and Belonging" will introduce students to a range of writing about the ways our social and geographical locations shape our sense of self and our personal feelings of connection or alienation. Students will read a short novel, stories, essays, and poems by authors from the U.S. and abroad. All these works are attempts to give written form to the relationships between people and the places they inhabit. The Math course will be based on a diagnostic exam and will either: cover Sets, Logic, Number Theory for students with little math experience or interest; Intense Algebra and Pre-Calc Review, Introduction to Limits for students who are may or may not be confident in their math preparation and could benefit from a review of Algebra and PreCalculus; Covers a quick Pre-Calc review, Limits, Derivatives for students who have taken AB Calculus and are confident in their performance; or Derivatives, Applications, Integrals for students who have taken BC Calculus and are confident in their performance. The Biology course will include cellular respiration, genetics, and molecular biology. This course will use lectures, class discussion of current topics, group work, practice questions, quizzes, and lab to help students understand important concepts and develop skills needed to succeed in college-level biology courses.

Summer Term

0-1 Course Unit

## **COLL 0020 Pre-First Year Program in WRIT/MATH/PSYC**

In this course, students will participate in a month-long academic program that covers Writing, Math, and Psychology. The Writing course focuses mainly on writing about literature, students will learn general principles and strategies for good writing in various disciplines and genres. "Place and Belonging" will introduce students to a range of writing about the ways our social and geographical locations shape our sense of self and our personal feelings of connection or alienation. Students will read a short novel, stories, essays, and poems by authors from the U.S. and abroad. All these works are attempts to give written form to the relationships between people and the places they inhabit. The Math course will be based on a diagnostic exam and will either: cover Sets, Logic, Number Theory for students with little math experience or interest; Intense Algebra and Pre-Calc Review, Introduction to Limits for students who are may or may not be confident in their math preparation and could benefit from a review of Algebra and PreCalculus; Covers a quick Pre-Calc review, Limits, Derivatives for students who have taken AB Calculus and are confident in their performance; or Derivatives, Applications, Integrals for students who have taken BC Calculus and are confident in their performance. The Psychology course introduces students to the scientific study of human moral psychology. It will cover several topics central to our understanding of humans as moral beings, including: What is morality? What role does morality play in social life? How do people make moral judgments? Is there such a thing as true altruism? Why do people sometimes behave immorally? What is the nature of human evil (and is there such a thing)? What role does morality play in political disagreement? Lectures will provide an introductory overview of research in these and other topics, and will be accompanied by readings that will enhance students' understanding. Beyond the topics covered above, this course will also help students better understand the nature of hypothesis testing in psychological research, the strengths and weaknesses of different experimental designs, how to detect confounds in experimental designs, how to draw accurate inferences from data, and how to communicate scientific findings.

0-1 Course Unit

## **COLL 0135 The Art of Speaking**

This course is designed to equip students with the major tenets of rhetorical studies and peer education necessary to work as a CWiC speaking advisor. The course is a practicum that aims to develop students' abilities as speakers, as critical listeners and as advisors able to help others develop those abilities. In addition to creating and presenting individual presentations, students present workshops and practice advising. During this ABCS course, students will practice their advising skills by coaching and mentoring students at a public school in Philadelphia.

Fall

1 Course Unit