

PRE-COLLEGE *courses*

School of Arts & Sciences

CCE 140 Science and Humanity I | 3 credits

Science & Humanity is a team-taught, interdisciplinary course that will promote scientific literacy by developing student understanding of how the natural sciences, social sciences, and technology are practiced, while at the same time providing the foundation for the required lab sciences and social sciences courses. By focusing on both the natural and social sciences, students will learn the types of questions asked by each, the ways knowledge is acquired in each, and how to evaluate the claims made by each. The increased impact of computer science (modelling, algorithms, and big data) on science and society will also be covered. Ethical considerations of the uses of scientific knowledge form a key part of this course.

This course is specific to Common Core Experience requirements for students intending to enroll at CUWAA.

CSC 150 Foundations of Computer Science | 3 credits

Foundations of Computer Science provides a survey and overview of computer science via its Grand Ideas. Computer Science is the study of problem solving, which is the focus of CSC 150. The view of a computer system as a combination of hardware, software, and people is explored in detail. The computer system as a tool for personal and professional problem solving is emphasized. Foundational computer science concepts along with terminology, ethical issues, application, and hands-on computer use are explored. Students select a topic of interest as a term project to augment class discussion and laboratory experiences. The relationship between a Christian worldview and a technological society is investigated.

ENG 103 Civilization and Worldviews: Literature | 3 credits

Civilization and Worldviews Literature provides practice and experience in reading three primary genres of literature: fiction, poetry, and drama. The purpose of this course is to enable the student to enjoy and appreciate a wide spectrum of literature, with an understanding of how best to undertake various types of critical analyses of a work.

ENG 104 Introduction to Writing | 3 credits

Introduction to Writing is designed for the student with a good background in writing, focuses on the process of written expression and gives practice in dealing with the various modes of discourse from free writing through research.

HIST 153 American Civilization | 3 credits

American Civilization is a survey of the history of the United States from pre-Columbian America to the present. It will explore political, ideological, social and religious changes that have occurred in the American story.

POLS 201 American Government | 3 credits

American Government studies the basic foundations and underlying principles of American national, state, and local government.

PSY 101 General Psychology | 3 credits

Introduction to Psychology is an introductory survey course acquainting the student with the procedures, principles, theories and vocabulary of psychology as a science.

REL 201 The Old Testament | 3 credits

The Old Testament is an overview of the Old Testament intended to acquaint the student with its background, content, and messages.

REL 203 The New Testament | 3 credits The New Testament is an overview of the New Testament intended to acquaint the student with its background, content, and messages. The New Testament is read with a focus on the life of

Jesus, his teaching and miracles, death and resurrection. The other major people of New Testament are also studied through their writings, especially the apostles Paul, Peter, and John.

SOC 101 Introduction to Sociology | 3 credits

Introduction to Sociology is an introduction to the study of social groups and social relationships. The course analyzes basic sociological concepts to acquaint the student with the fundamental laws governing human relationships. Problems of social structure, social processes and social motivations will be considered.

School of Business

ECON 222 Macroeconomics | 3 credits

This course presents principles and theories of macro-economics with emphasis on economic policies and their impact on the national welfare. Special attention is giving to the application of economic thinking methods to solving the macro-economic problems.

MGMT 130 Principles of Management | 3 credits

Principles of Management examines the principles and functions of management with an integration of line and staff relationships, theories of management, authority and responsibility, centralization and decentralization, team building, and developing policies, strategies, and tactics.

MKTG 131 Principles of Marketing | 3 credits

Principles of Marketing studies the basics of marketing's roles in society and within the firm. This covers marketing history, the present-day practices, and future projections.

School of Education

ED 1102 Foundations of Education | 3 credits

Foundations of education is a critical examination of the forces that have shaped formal and informal education, especially as they affect American urban education. Historical, philosophic, scientific, and social foundations are related to contemporary issues. This is an introduction to the teaching profession.

School of Pharmacy

PHAR 105 Introduction to Pharmacy | 1 credit

Introduction to Pharmacy is an introductory course intended for students who are interested in the profession of pharmacy, regardless of previous experience in the profession. This course is designed to help you understand the progressive world of pharmacy and the profound impact pharmacists have on patient care. Whether you are considering pharmacy as a potential career path or are just interested in the subject, this course will open your eyes to the exciting profession of pharmacy. This course will introduce you to the history of pharmacy, the pharmacist's and technician's role in patient care, drug discovery, pharmacy law, and many other important pharmacy topics.