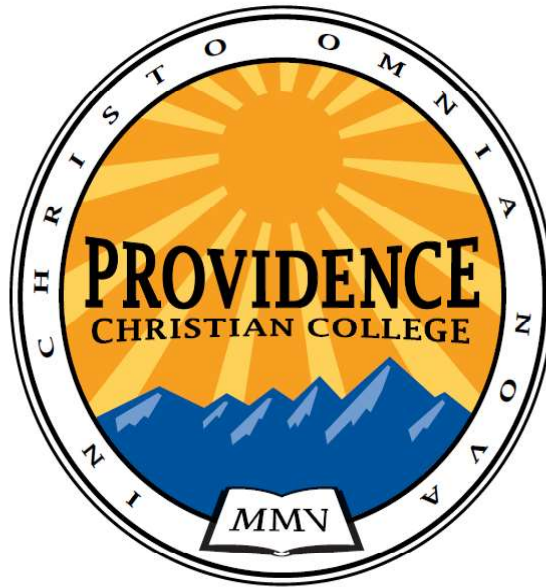


ACADEMIC CATALOG

2023-2024



Providence Christian College
464 East Walnut Street
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COURSE NUMBERING: BIO 240 / BIO 241
UPDATED: 8/23/2024

RETURN TO TITLE IV POLICY (R2T4)
UPDATED: 10/24/2023

The mission of Providence Christian College as a Reformed Christian institution is to equip students to be firmly grounded in biblical truth, thoroughly educated in the liberal arts, and fully engaged in their church, their community, and the world for the glory of God and for service to humanity.

REGARDING THE CATALOG

This catalog contains general academic and administrative information along with specific descriptions of the courses of study offered. Because the catalog is published prior to the year it covers, changes in some programs will inevitably occur. The schedule of classes in Populi, the student information system, will have the most up-to-date information.

This catalog may be found online on the College website during the summer prior to the start of the academic year. Prospective students are encouraged to review this catalog online prior to signing an enrollment agreement.

Any questions or concerns regarding this catalog and the information contained therein may be directed to the Registrar's Office: registrar@providencecc.edu / 626-696-4006.

Publishing Date: August 14, 2023

Disclaimer:

Providence Christian College reserves the right to change any and all student charges, modify its services, or change its curriculum or programs of study should economic conditions, curricular revisions, or other relevant factors make it necessary or desirable to do so. While every effort is made to insure the accuracy of the information in this catalog, Providence Christian College has the right to make changes at any time without prior notice.

as well as their achievement of competency in their chosen area of concentration through a presentation of a paper or project. Particular components of this course including goals, objectives, and methods of assessment appropriate for the particular concentration will be set by the faculty member. Prerequisite: 4th year standing (4 credits)

Biology (BIO)

121 General Biology

Introductory course for students emphasizing the principles of cellular and molecular biology, genetics, and development. In conjunction with classroom instruction, the biology lab will be divided between observational and experimental approaches, with emphasis on the collection and interpretation of quantitative data. No prerequisites: lecture and lab must be taken concurrently. Lecture and laboratory (5 credits).

240 Anatomy and Physiology I

An introduction to the basic structure and function of the human body. In conjunction with classroom instruction, the anatomy lab component for this course includes state of the art technology via BodyViz virtual 3D anatomy software to further explore and understand human anatomy. Three-hour lecture, one hour pre-lab, three-hour laboratory lecture and lab must be taken concurrently. Recommended, but not required prerequisite: CHM 121. Lecture and laboratory (5 credits). **[Formerly BIO 313.]**

241 Anatomy and Physiology II

An introduction to the basic structure and function of the human body. In conjunction with classroom instruction, the anatomy lab component for this course includes state of the art technology via BodyViz virtual 3D anatomy software to further explore and understand human anatomy. Three-hour lecture, one hour pre-lab, three-hour laboratory lecture and lab must be taken concurrently. Recommended, but not required prerequisite: CHM 121. Prerequisite: BIO 312. Lecture and laboratory (5 credits). **[Formerly BIO 313.]**

330 Microbiology

This course introduces the fascinating world of microbiology, exploring the structure, function, and diversity of microorganisms. Students will gain a foundational understanding of microbial growth, metabolism, genetics, and interactions with other organisms. Laboratory sessions will complement theoretical knowledge with hands-on experience in basic microbiological techniques. Prerequisite: BIO 121. Lecture and laboratory (5 credits).