



**NORTHPOINTE**  
CHRISTIAN SCHOOLS

**CONCURRENT**  
**ENROLLMENT**

**GRACE**  
CHRISTIAN  
UNIVERSITY



---

## **What Concurrent Enrollment courses are being offered at NorthPointe Christian High School Fall 2023/Spring 2024?**

### **BU 110 Fundamentals of Business (3 credits)**

A survey of business principles, problems and procedures, including an overview of production and distribution of goods, ownership, competition, profit, managerial controls, personnel, government, and business relations. Students will participate in an online simulation of business that will explore how all parts of a business work together to operate efficiently.

### **BU 260 International Business (3 credits)**

This course familiarizes students with important considerations in conducting business in an increasingly global economy. It will help prepare students for positions in organizations engaged in global business. Students will be exposed to some of the issues encountered in global business. Key topics will include cultural, trade, ethical, political and economic issues.

### **COM 131 Fundamentals of Speech (3 credits)**

Fundamentals of speech will increase student knowledge and awareness of the theory and principles of public speaking. Casual and formal speaking opportunities will be used to develop confidence as a public speaker.

### **ENG 101 English Composition (3 credits)**

The purpose of this course is to engage students in the writing process which includes prewriting, drafting, composing, editing and revising to equip them for college-level written assignments. Students will learn to evaluate, synthesize document and integrate scholarly sources into academic writing while adhering to the conventions of English grammar and mechanics.

### **ENG 223 Introduction to Literature (3 credits)**

Introduction to the discipline and study of literature, especially through the lens of a Christian worldview. From careful reading and analysis of literary works of fiction, poetry, and drama, students will develop critical thinking skills and will complete literature essays.

### **HST 114 World History 1500 to Present (3 credits)**

A study emphasizing Western and non-Western nation-states from 1500 to the present which probes formative ideas, themes, issues and events such as industrialism, imperialism, nationalism, revolutions, communism and the Cold War, and an analysis of increasing globalization.

### **MTH 120 College Algebra (3 credits)**

Topics include functions, their properties, graphs of equations and functions, logarithmic and exponential functions, sequences and series. Applications are drawn from issues of finance and economics.

**MTH 150 Statistics (3 credits)**

This introductory course will include descriptions of sample data, theoretical frequency distributions, sampling, testing hypotheses, chi square, analysis of variables, correlation and regression. Students will learn how to ethically collect, analyze, interpret and present data.

**MTH 140 Calculus 1 (4 credits)**

Examines the topics of functions, limits, continuity, the process of taking derivatives, and the application of derivatives such as related rates, curve sketching, and optimization problems. Antiderivatives, and the process of integration are introduced.

**MTH 145 Calculus 2 (4 credits)**

Explores integration of functions, ordinary differential equations, series and sequences, and their application. Techniques of integration, improper integrals, convergence and divergence of various types of series and sequences, and applications related to area, volume, conic sections, parametric equations, and polar equations are emphasized.

**MWT 112 Foundations of Music (3 credits)**

An introduction to the essential elements found within tonal music including pitch, notation, time classification, note and rest values, time signatures intervals, scales, key signatures and triads.

**MWT 210 Musicianship (3 credits)**

This course seeks to develop fundamental musicianship skills necessary for music performance, worship leading and music technology proficiency. It focuses on critical listening skills, learning the Solfege system, melodic and harmonic dictation and basic keyboard technique using modern music examples.

**PS 201 Introduction to Psychology (3 credits)**

This course is a general survey of the discipline of psychology including the principles, methods, vocabulary, and major theories in the study of human behavior. Consideration will be given to selected applications of psychology for life and ministry.

**SCI 101 Introduction to Chemistry 1 (4 credits)**

Investigation of the composition and properties of substances and the changes they can undergo. Special emphasis on laws of chemical combination, theories of atomic structure, periodic trends, and chemical and physical equilibria as well as activities to communicate the centrality of chemistry to historical development, modern civilization, and life itself.

**SCI 102 Introduction to Chemistry 2 (4 credits)**

A continuation of CHM 121 with concentration on thermochemistry, kinetics, equilibria, group properties, nuclear chemistry, materials chemistry, and qualitative analysis. Environmental concerns will be addressed along with safe handling and disposal of chemicals.