



# Prestans Online Academy

## 2026 Summer Courses



## Available Courses

- Algebra I
- Geometry
- Algebra II
- Precalculus
- Biology
- Chemistry

## Course Descriptions

### **Algebra I / MAT100 / Full Year Credit**

This is a regular level Algebra I course with a total of 11 modules. The 11 modules will be covered in 30 synchronous sessions. Some modules will be completed after one synchronous session, while others will be covered over multiple synchronous sessions. Students will be assessed on their ability to complete calculations, as well as their ability to explain the concepts that they have learned. Assignments will be given after every synchronous session, while assessments will be given, in general, after every two to three synchronous sessions. The course will move at a pace that will allow students who have successfully completed Pre-Algebra to extend their algebraic knowledge and skills by gaining a strong understanding of the concepts and topics covered during the Algebra I course.

### **Geometry / MAT200 / Full Year Credit**

This is a regular level Geometry course consisting of a total of 11 modules. The modules will be covered in 30 synchronous sessions. Students will be assessed on their ability to complete calculations, as well as their ability to explain the concepts that they have learned. Assignments will be given after every synchronous session, while assessments will be given, in general, after every three synchronous sessions. Students who have successfully completed Algebra I will learn to apply those skills to Geometry concepts. Geometry uses Desmos classroom and a Savvas Realize online textbook, which is integrated with Canvas.

### **Algebra II / MAT300 / Full Year Credit**

This is a regular level Algebra 2 course with a total of 10 modules. The 10 modules will be covered in 30 synchronous sessions. Some modules will be completed after one synchronous session, while others will be covered over multiple synchronous sessions. Students will be assessed on their ability to complete calculations, as well as their ability to explain the concepts that they have learned. Assignments will be given after every synchronous session, while assessments will be given, in general, after every two to three synchronous sessions. The course will move at a pace that will allow students who have successfully completed Algebra I to extend their algebraic knowledge and skills by gaining a strong understanding of the concepts and topics covered during the Algebra 2 course.

*Prerequisites: Algebra I (B or above)*



# Summer 2026

## **Precalculus / MAT400 / Full Year Credit**

This is an on-level precalculus course with a total of 6 modules. The 6 modules will be covered in 30 synchronous sessions. Students will be assessed on their ability to complete calculations, as well as their ability to explain the concepts that they have learned and apply the concepts to real-world situations. Assignments will be given after every synchronous session, while summative assessments will be given, in general, at the end of each module. The course will move at a pace that will allow students who have successfully completed Algebra 2 and Geometry to extend their mathematical knowledge and skills by gaining a strong understanding of the concepts and topics covered during this Precalculus course.

*Prerequisites: Algebra 2 (B or above)*

## **Biology / BIO200 / Full Year Credit**

Prestan's Biology course is organized around three central questions exploring life's origins, sustainability, and change over time. Students begin by learning the scientific method, studying the origin of life, biodiversity, and the molecular building blocks that make up cells, including cell structure, function, and division. The course then examines how life is sustained through processes like photosynthesis, cellular respiration, and metabolism, connecting these to human systems, ecosystem stability, climate change, and reproductive strategies. Finally, students explore genetics and evolution, analyzing DNA structure, gene expression, mutations, and natural selection to understand how genetic variation drives adaptation and species change over time.

## **Chemistry / CHM300 / Full Year Credit**

This full-year course is an introduction to chemistry. This course is targeting a regular-level experience. We intend to take many small bites out of a very large apple. There will be brief assignments given daily that will allow both introduction and practice with key concepts. The topics grow upon themselves, slowly building up to more complex and abstract ideas. By then, the skills and habits developed will make material that initially appears challenging become quite manageable in practice.

*If there is a course not listed here that you are interested in, please let us know by emailing [admissions@prestans.us](mailto:admissions@prestans.us).*