

# UW-MADISON OPEN CLASSES

## Biochemistry 501

**Description:** This is an introductory biochemistry course. We will be discussing how proteins are made in cells during this class period.

**Location:** Microbial Sciences Building, Room 1220

**Course Time:** 12:05pm-12:55pm

## Biochemistry 508

**Description:** General Biochemistry 2 discusses how biological macromolecules are synthesized and processed. Topics include the synthesis of DNA, RNA, proteins and lipids as well as hormonal signaling in response to metabolic states.

**Location:** DeLuca Biochemistry Building, Room 1220

**Course Time:** 12:05-12:55pm

## Chemistry 103

**Description:** This is the first course in our general chemistry sequence

**Location:** Chemistry Building, Room S429

**Course Time:** 3:30-4:20 pm, 11:00-11:50 am

## Chemistry 109

**Description:** This is an accelerated version of the Chemistry 103!

**Location:** Chemistry Building, Room S429

**Course Time:** 2:25-3:15 pm

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## Consumer Science 275: Intro to Financial Planning

**Description:** An introductory look at personal financial planning that encompasses aspects of financial health, consumer credit, investing, taxation, retirement planning and estate planning. Will be discussing consumer credit on Oct 18.

**Location:** [Nancy Nicholas Hall](#), Room 2235

**Course Time:** 11:00-11:55 am

## Elementary Organic Chemistry Chem 341

**Description:** This is a single semester overview course of organic chemistry.

**Location:** [Educational Sciences](#), Room 204

**Course Time:** 11:00-11:50 am

## Environmental Soil Chemistry

**Description:** The class is focused on the composition of soil and the ways this composition. We study how different properties of soils can influence the fate of different chemicals such as pesticides and fertilizers in soils.

**Location:** [Soils Building](#), Room 357

**Course Time:** 11:00-11:50 am

## Geosci 109: Geology of the National Parks

**Description:** An overview of geological concepts applied to national parks across the US. On October 18th we will be discussing how geologists try to figure out when and why the Grand Canyon was carved by the Colorado River.

**Location:** [Weeks Hall](#), Room AB20 (basement level)

**Course Time:** 12:05-12:55 pm

# UW-MADISON OPEN CLASSES

## PP300: Intro to Plant Pathology

**Description:** This course dives into the mysteries of plant diseases and the hidden battles waged between plants and their microbial foes. We explore the science behind plant defenses and cutting-edge methods for diagnosing and managing plant diseases.

**Location:** DeLuca Biochemistry Building, Room 1120

**Course Time:** 9:55-10:45 am

## Introduction to Data Programming in Python

**Description:** Introduction to programming in Python with emphasis on data science

**Location:** George L. Mosse Humanities Building, Room 2650

**Course Time:** 2 lecture options - 8:50 and 11:00 am until 9:40 and 11:50 am

## Microbiology 303

**Description:** This course surveys microbiology for science majors, and on October 18 will cover how microbes live in nature and interact with each other.

**Location:** Microbial Sciences Building, Room 1220 (Ebling)

**Course Time:** 8:50-9:40 am

## Music 21: Survey of the History of Western Music I

**Description:** A historical and technical dive into the classical music repertoire.

**Location:** George L. Mosse Humanities Building, Room 1111

**Course Time:** 11:00-11:50 am

# UW-MADISON OPEN CLASSES

## Nutritional sciences/Biochemistry 510

**Description:** Advanced human nutrition, topics on macronutrient and micronutrient functions, deficiency, and biochemistry

**Location:** Microbial Sciences Building, Room 1250

**Course Time:** 8:50-9:40 am

## Philosophy 433

**Description:** Philosophy in the seventeenth and eighteenth centuries. During Oct. 18th, the subject will be Spinoza.

**Location:** George L. Mosse Humanities Building, Room 1651

**Course Time:** 9:55-10:45 am

## Engineering Mechanics and Aerospace Engineering 524: Rocket Propulsion

**Description:** The class is an advanced course covering rocket performance, one dimensional gasdynamics, thrust chambers, nozzle design criteria, and fundamentals of combustion as well as rocket configurations.

**Location:** Engineering Hall, Room 2535

**Course Time:** 12:05- 12:55 pm

## Engineering Mechanics and Aerospace Engineering 201: Statics

**Description:** Statics is the study of particles, rigid bodies, and structures in equilibrium. Knowing some of the forces acting on the body/structure, students learn to determine the remaining forces that must be acting on the body/structure for it to remain in equilibrium. This knowledge allows engineers to design the object/structure to withstand those forces, thereby preventing its failure.

**Location:** Engineering Hall, Room 1800

**Course Time:** 2 lecture options - 1:20 and 2:25 pm until - 2:10 and 3:15 pm.

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## ATM OCN 100: Weather and Climate

**Description:** The objective of this course is: (i) to develop an understanding of fundamental physical, chemical, and biological processes relevant to atmospheric and oceanic phenomena, (ii) to apply those concepts to understand specific weather and climatic phenomena, and (iii) to appreciate how those phenomena operate in our daily lives. Each class begins with a discussion of current weather, where we get to apply current course topics in real time. The remainder of class focuses on material related to our weather and climate.

**Location:** [Sterling Hall](#), Room 1310

**Course Time:** 11:00-11:50 am

**NOTE:** Parents are encouraged to introduce themselves to the Professor after class!

