**Course Schedule** 

Optimized for night owls



## **Course Schedule**

#### **Courses for Monday**

Math Powered Flight [08:00-08:50 AM]

John E. Boswell Hall 20

Emerging Diseases [2:00-2:50 PM]

Integrated Science Center 0248

Cities, Migration & Informalty [5:00-6:20 PM]

Washington Hall 305

## Courses for Tuesday

Leadership in a Complex World [12:30-1:50 PM]

Washington Hall 317

Data and Computer Crime [3:30-4:50 PM]

Washington Hall 305

#### **Courses for Wensday**

Math Powered Flight [08:00-08:50 AM]

John E. Boswell Hall 20

Prog for Data Science Lab [09:30-10:50 AM]

McGlothlin-Street 121

Emerging Diseases [2:00-2:50 PM]

Integrated Science Center 0248

Cities, Migration & Informalty [5:00-6:20 PM]

Washington Hall 305

## **Courses for Thursday**

Leadership in a Complex World [12:30-1:50 PM]

Washington Hall 317

Data and Computer Crime [3:30-4:50 PM]

Washington Hall 305

#### **Courses for Friday**

Math Powered Flight [08:00-08:50 AM]

John E. Boswell Hall 20

Emerging Diseases [2:00-2:50 PM]

Integrated Science Center 0248





# **Course Info**

## **Emerging Diseases**

Taught By Sher, Beverly 4 Credits

Course ID: CHEM 150 02 24562

The emergence of new diseases, such as AIDS, and the resurgence of previously controlled diseases, such as tuberculosis, poses a major challenge to public health. Many different variables affect the human response to these diseases, from factors related to the biology of the individual disease-causing organisms to features of the society in which they become a threat. An effective response to this phenomenon requires the cooperation of people with expertise in a wide variety of fields. We will examine the biology of some of these diseases, the responses of the societies that they afflict, the roles of the professionals involved in their management, and the measures needed to restrict the impact of new and reemerging diseases in the future.

Integrated Science Center 0248 Mon. Wed. Fri. 2:00-2:50 PM

Pre-Reqs:

### **Prog for Data Science Lab**

Course ID: CSCI 140L 06

Taught By Wintersgill, Nathan 0 Credits

24669

McGlothlin-Street 121 Wed. 09:30-10:50 AM

Pre-Regs:

## Cities, Migration & Informalty

Taught By Shiferaw, Admasu 3 Credits

Course ID: ECON 300 04 24936

Urbanization and economic prosperity have long been strongly correlated. However, cities in developing countries remain vastly different from cities in developed countries. This course examines the drivers of rapid urbanization in the developing world, the nature of migration from rural to urban areas and the implications of this process for the formality/informality of job opportunities. Attention will be given to the dynamics of cities fueled by high-value commodities versus cities thriving on export of manufactures and modern services. As the share of the world population living in cities rises, this course examines its implications for poverty reduction and upward mobility both for city dwellers and their rural counterparts.

Washington Hall 305 Mon. Wed. 5:00-6:20 PM

Pre-Regs: (ECON 101 OR EC01 1 OR ECON 151) AND (ECON 102 OR EC02 1 OR ECON 152)

### **Math Powered Flight**

Taught By Johnson, Arthur 3 Credits

Course ID: MATH 104 02 21138

Applications of elementary mathematics to airplane flight. Wind and its effect on airport design and aircraft operation. Maps and map projections. Magnetic variation and compass navigation. Static air pressure: buoyancy and the altimeter. Use of a flight simulator will illustrate the mathematical analysis of certain aircraft instruments. Not open to students who have credit for a Mathematics course numbered above 210.

John E. Boswell Hall 20 Mon. Wed. Fri. 08:00-08:50 AM

Pre-Reqs:

#### Leadership in a Complex World

Taught By Finch, Jason 2 Credits

Course ID: MLSC 402 01 20138

MLSC 402 explores the dynamics of leading in the complex situations of current military operations in the contemporary operating environment (COE). You will examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. You also explore aspects of interacting with non-government organizations, civilians on the battlefield, and host nation support. The course places significant emphasis on preparing you for BOLC and your first unit of assignment. It uses case studies, scenarios, and "What Now, Lieutenant?" exercises to prepare you to face the



complex ethical and practical demands of leading as a commissioned officer in the United States Army. This semester you will: Explore Military Professional Ethics and ethical decision making facing an Officer, Gain practical experience in Cadet Battalion Leadership roles, Demonstrate personal skills in operations and communications, Evaluate and develop MSL III small unit leaders and examine issues of force protection in the COE, Prepare for the transition to a career as an Army Officer.

3 Credits

26397

Washington Hall 317 Tues. Thurs. 12:30-1:50 PM

Pre-Reqs:

## **Data and Computer Crime**

Taught By Ebrahim, Tabrez

Course ID: DATA 340 02

Remote, hybrid with one lecture per week taught asynchronously and the other synchronously.

Washington Hall 305 Tues. Thurs. 3:30-4:50 PM

Pre-Reqs:

