

# **Coursework**

**STEM (2014-2017), Undergraduate (2017-2021), Graduate (2021+), Miscellaneous (2017+)**

## **STEM**

Introduction to Engineering Principles  
Introduction to Digital Electronics  
Introduction to Aerospace Engineering  
Introduction to Computer Engineering  
Introduction to Computer Integrated Manufacturing  
Introduction to Engineering Methodology  
Senior Capstone Design Project

## **Undergraduate**

**BS in Psychology and Health Science, BA in Biology**

**Near Completion of Minors in English and Business Healthcare**

## **Psychology**

General Psychology  
Elementary Statistics  
Introduction to Psychological Statistics  
Psychological Experimental Methodology  
Directed Study in Professional Psychology  
Directed Study in Senior Seminar  
Directed Study and Acceptance: Capstone Honors Research  
Learning and Motivation  
Developmental Psychology  
History and Systems of Psychology  
Social Gerontology  
Abnormal Psychology  
Happiness, Christ, and the Real Good Life

## **Biology**

Cellular Biology  
Organismal Biology

Human Anatomy and Physiology I  
Human Anatomy and Physiology II  
Special Topic Study: Medicinal Botany  
Ecological Science  
Genetics  
Medical Terminology  
Introduction to Global Health Systems  
Mechanisms of Disease  
Senior Seminar I  
Senior Seminar II  
Advanced Topic Study: Neurobiology

### **Health Science**

Emergency Response  
Introduction to Athletic Training  
Weight Training  
Foundations of Health and Wellness  
Nutritional Counseling  
Introduction to Healthcare  
Field Experience in Healthcare I – Chiropractic Medicine (minor exposure to Athletic Training)  
Field Experience in Healthcare II – Physical Therapy  
Exercise Physiology  
Kinesiology  
Health Science Research (Exempted)

### **English and Literary Skills**

Composition and Literature I (Exempted)  
Composition and Literature II  
Contemporary Global Issues  
Inklings and Imagination: C.S. Lewis and J.R.R. Tolkien  
Harry Potter Allegories to Contemporary Issues

American Romanticism

Old Testament Literature and Interpretations

New Testament Literature and Interpretations

### **General**

College Success Skills

College Mathematics

World Civilization to 1600

Introduction to Music

Computer Networking Principles

Macroeconomics

Choir: Two Years of Choraleers

Chemical Principles I

Chemical Principles II

### **Graduate**

#### **Master and Ph.D. in Human Factors and Industrial/Organizational Psychology**

#### **General Coursework**

Cognitive Psychology

Social Psychology

Experimental Design and Quantitative Methods

Experimental Design with ANOVA

Measurement Models

Predictive Models

History of Psychology

Task and Work Analysis

#### **Industrial/Organizational Coursework**

IO Research Methods

Personality

Psychometrics

Personnel Selection

## **Human Factors Coursework**

Cognitive Computational Modeling

Cognitive Neuroscience

Interface Design

Ergonomics

## **Miscellaneous Courses and Certificates**

Google IT Support Professional

Youth Protection Training

First Aid, CPR, and AED

Mental Health First Aid

Social and Behavioral Research

Biomedical Research

Health Information Privacy and Security

Java Code Immersion

Advanced Java Code Immersion

Data Science

Advanced Data Science

Social and Behavioral Science Investigator

IPS for Researchers

Conflicts of Interest in Research

Improving Your Statistical Inferences

AWS: Serverless Cloud Game Development

AWS: Data Analytics

AWS: Cloud Practitioner Essentials

AWS: AI and ML in Games

Curriculum Developer for Data Science and Statistics

Curriculum Developer for Machine Learning Basics