

## **DRUGS AND THEIR IMPACT ON THE HUMAN BODY**

*Requirement area:* **Science or Elective**

*Course code:* SDI300

*Grade Level:* 10, 11, 12

*Prerequisite:* Biology recommended

*Length:* 1 semester (0.5 credits)

*Homework:* 0-1 hours per week

*Description:* This course will deepen an understanding of the physiological effects of drugs and the science of addiction. Student will study in depth how stimulants, antidepressants, depressants, hallucinogens, cannabinoids, opioids, inhalants, anabolic steroids and other abused drugs affect the body with an emphasis on the brain. Developing an understanding of brain anatomy and physiology, students will become more informed on the impacts of drug abuse. Labs may include the effects of drugs on a model organism, drug analysis, drug detection and forensic chemistry.