

# Defense Analysis (SSDA)

## Courses

### **SSDA 306 Science and Technology Visual Augmentation Defense Systems 3 Cr.**

This course introduces students to the primary concepts of visual augmentation defense technology, particularly with regard to its use by the U.S. Federal Government and the Department of Defense. Students learn the history and evolution of optics as well as the scientific principles that underlie development and utilization of selected technologies. Pre-requisites: none.

### **SSDA 310 Emergency and Disaster Relief Operations 6 Cr.**

This course examines the principles used by emergency managers to respond to local or regional disasters. Students examine the NIMS (National Incident Management System) and other standards governing emergency management. Pre-requisites: None.

### **SSDA 315 Insurgency and Conflict 6 Cr.**

Students compare and contrast selected insurgencies and counter-insurgencies from across the globe. Students gain knowledge needed to analyze and establish mission profiles for past, present and future conflicts. Pre-requisite: None.

### **SSDA 320 Information Operations 6 Cr.**

This course introduces students to the overall concept of information warfare (IW) and information operations (IO), particularly in regard to the US federal government and Department of Defense. Pre-requisites: None.

### **SSDA 325 Law of Armed Conflict and Legal Basis for Use of Force 3 Cr.**

A study of the law of armed conflict and the legal use of force. Students review international law theory, including the primary sources of international law, and then evaluate the impact of international law on past, present and future operations. Topics include: international law formulation; rules of engagement; issues surrounding detainees, internees and prisoners of war; air, land and sea laws; and the application of international law as it pertains to military operations. Prerequisites: none.

### **SSDA 400 The Capstone Project 6 Cr.**

Students analyze and synthesize program learning with a particular focus on ethics and leadership. Students analyze ethical scenarios and a tactical ethics text and present an in-depth ethical analysis paper. Students must address how their work will contribute to the U.S. Military's body of knowledge about the topic(s) under discussion. Pre-requisites: Completion of all SSDA courses or permission of the Department Chair.