

# Mechanical Engineering – Master of International Policy Double Dawg Program



## Points of Contact

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## Program Information

Double Dawg website:



MIP website:





# The Double Dawg Advantage

UGA's MCHE-MIP Double Dawg program is an opportunity for select students to complete both a Mechanical Engineering (MCHE) undergraduate degree as well as a Master of International Policy (MIP) degree in 5 years. Selected students may take up to 12 graduate credit hours (4 graduate courses) while completing their undergraduate degree. These 12 credit hours satisfy completion of both their MCHE undergraduate degree as well as their MIP degree.

## Master of International Policy

The MIP is SPIA's applied, professional degree specially designed to prepare students for careers across the national security enterprise. For example, Department of State, Department of Energy, Department of Defense, the Intelligence Community, and the National Laboratories. MIP students gain expertise across the areas of energy security, human security, and nonproliferation.

### Classes that Double Count

Students may choose up to 12 hours from any of the following graduate-level courses to satisfy both bachelor's and master's requirements. 6 of these hours must be from the available engineering course options.

**INTL 6010** Research Methods in International Policy

**INTL 7007** Data Analytics and Presentation for International Policy Professionals

**INTL 7008** Advanced Data Analysis for Human Security Practitioners

**INTL 7010** Technical Background for WMD Non-Proliferation Policy Practitioners

**MCHE 6530** Combustion and Flames

**ENGR 6490** Renewable Energy Engineering

**ENGR 6670** Quality Engineering

**ENVE 6230** Energy in Nature, Civilization, and Engineering

**ENVE 6250** Energy Systems and The Environment

**ENVE 6530** Energy/Environmental Policy Analysis

### MIP Requirements

The MIP requires 36 hours of graduate coursework. Double Dawg Students matriculating into the program take an additional 7 graduate classes and complete a Capstone Project.

Examples of MIP Courses:

- Technical Foundations of Energy
- Energy Security & Policy
- Energy Statecraft
- Nuclear Policy & Security
- Nuclear Deterrence Policy



### Recent MIP Placements

Julia Harisay (2023) and Jon Christian (2021), US Department of State Foundational Infrastructure for the Responsible Use of SMR Technology (FIRST) Program

Ellie Johnson (2023), Los Alamos National Lab

Braden Sanders (2023), Pacific Northwest National Lab

Shannon Stevenson (2022), Pacific Northwest National Lab

Lydia McCoy (2022), US Department of State

Adriana Dale (2022), Department of Defense

Sydney Dorawa (2021), Sandia National Lab

Tsun-Kai Tsai (2020), Center for Naval Analysis

Bobby Wetherington (2018), National Nuclear Security Administration

### Recent MIP Internships

Huntington Ingalls Industries

Office of Naval Intelligence

Lockheed Martin

Savannah River National Lab

Sandia National Lab

Department of Justice