

# PMS Globl & Nat Sec

## Professional Master of Science in Global and National Security

Under Review | Fall 2023

### Proposal Information

#### Status

Active

#### Workflow Status

In Progress

#### Faculty Senate Approval, Faculty Senate

expand ▲

Waiting for Approval | Faculty Senate Approval

Rick Holmes

Nancy Middlebrook

#### Changes

- Program Description
- Admissions Requirements
- Requirements
- participants
- Proposed Effective Term and Year

Show All ▼

### Proposal Information

Proposed

#### Sponsoring faculty member ⓘ

James L. Novak

Proposed

#### Faculty email

jlnovak@unm.edu

Existing

#### Sponsoring faculty member ⓘ

Existing

#### Faculty email

#### College

Graduate Interdisciplinary  
Studies

#### Department

Global & National Security  
Program

#### Campus

Main Campus

### Effective Term and Year

Proposed  
**Proposed Effective Term and Year**  
Fall 2023

Existing  
**Proposed Effective Term and Year**  
Fall 2006

## Justification

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Proposed  
**Program Justification**

This proposal brings the structure of the PMS-GNS degree into alignment with best practices of UNM to improve the rigor and academic merit of the PMSGNS degree, while also responding to faculty and student comments. It remains consistent with the intent of the original Form D proposal.

- 1) The program of study and degree requirements have been updated to include the new GLNS course code beginning Fall 2022.
- 2) Unnecessary and confusing “module” language contained in the original Form D has been removed.
- 3) The list of required courses has been revised to 1) provide a pathfinder course (GLNS500) covering global and national security topics with a requirement of a B grade before being admitted to the program of study, 2) require a set of interdisciplinary courses foundational to policy analysis and policy making with an emphasis on technology and globalization (GLNS520, GLNS540, GLNS570, GLNS580).
- 4) Reorganize elective courses to clarify subtopics in technology, environment, uncertainty, health, and Latin American subtopics.
- 5) One new topics course, GLNS595 Topics in Global & National Security, has been added to the electives. Otherwise, the GLNS graduate courses relevant to the PMS-GNS remain unchanged.

Existing  
**Program Justification**

## Associated Forms

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Select any associated course forms that exist

Select any associated program forms that exist

## Program Category and Level

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Program Category	Program Level	Degree, Minor, or Certificate Name
Program	Graduate	Professional Master of Science in Global and National Security

Proposed  
**New Graduate Program**  
No

**Dual Degree**  
No

Proposed  
**New Undergrad Degree/Certificate**  
No

Existing  
**New Graduate Program**  
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Existing  
**New Undergrad Degree/Certificate**  
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## Catalog Information

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Proposed

### **Program Description**

The interdisciplinary Professional Master of Science in Global and National Security (PMSGNS) program prepares graduates to have a broad understanding of the strategic, institutional, technological, and cultural contexts in which scientists, engineers, technologists, lawyers, businesspeople, and other public and private sector employees operate. The program covers several important international issues that transcend states and regions, such as nuclear weapons and non-proliferation power issues, natural resources, humanitarian issues, innovation, and infrastructure resiliency.

Existing

### **Program Description**

The interdisciplinary Professional Master of Science (P.M.S.) in Global and National Security program prepares graduates to have a broad understanding of the strategic, institutional, technological, and cultural contexts in which scientists, engineers, technologists, lawyers, businesspeople, and other public and private sector employees operate. The program covers several important international issues that transcend states and regions, such as nuclear weapons and non-proliferation power issues, natural resources, humanitarian issues, innovation, and infrastructure resiliency.

Proposed

### **Admissions Requirements**

- BA or BS in any major with a minimum of a 3.0 GPA
- Completed Application Form
- Letter of Intent Required
- Current Resume Required
- Three Letters of Recommendation: Letters should preferably address the applicant's ability to perform independent research, analysis, and to communicate the results using written and verbal communication. Comments on applicant's time management and ability to stay on task are also valuable.
- Students cannot take more than six credit hours without being admitted into the PMSGNS degree program.
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- To be admitted to the PMSGNS program of study, student must complete GLNS500 with a B grade or better.
- No GRE required.
- This is a professional master's degree; no thesis is required.

Existing

### **Admissions Requirements**

The Graduate Record Exam (GRE) test is not required for admission to the P.M.S. in Global and National Security.

Proposed

### Graduation Requirements

Students must submit a Program of Studies to the GNSPI front office the semester prior to graduation. It should include courses completed with grades, and the final semester courses in progress.

Existing

### Graduation Requirements

## Program Information

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### Degree Type

Professional Master of Science

### Degree/Certificate Type

Graduate

Proposed

CIP Code ?

CIP Title ?

### Plan Options

Plan III (Coursework only)

Existing

CIP Code ?

## Professional Credential/Licensure Program Information

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Proposed

### Licensure Information

Neither

Existing

### Licensure Information

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## File Uploads

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Proposal File Upload

Executive Summary Upload

Associate Provost Memo

## Degree Information

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Degree Hours

33

Minimum Major Hours

## Degree Requirements

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### Requirements

- Complete all of the following
  - **Earned a minimum grade of B in each of the following:**
    - **GLNS500 - Introduction to Global and National Security (3)**
  - Complete the following:
    - ~~GLNS500 - Introduction to Global and National Security (3)~~
    - ~~GLNS510 - Cybersecurity and National Security (3)~~
    - ~~GLNS511 - Introduction to Directed Energy (3)~~
    - GLNS520 - Human Decision Making (3)
    - ~~GLNS521 - The Ecology and Evolution of Human Decision Making (3)~~
    - **GLNS570 - Fundamentals of National Security Law (3)**
    - **GLNS580 - Issues in American National Security (3)**
    - **GLNS540 - Globalization and National Security (3)**
  - Earn at least 18 credits from the following:
    - ~~GLNS560 - Global Nuclear Security (3)~~
    - GLNS561 - Nuclear Safeguards and Nonproliferation (3)
    - GLNS530 - Environmental Security: Energy (3)
    - GLNS531 - Environmental Security: Food and Water (3)
    - ~~GLNS540 - Globalization and National Security (3)~~
    - ~~GLNS541 - Technology, Innovation and National Security (3)~~
    - ~~GLNS550 - Introduction to Resilience (3)~~
    - GLNS551 - Decision Making Under Various Forms of Uncertainty (3)
    - ~~GLNS570 - Fundamentals of National Security Law (3)~~
    - GLNS571 - Human Rights Law and National Security (3)
    - ~~GLNS580 - Issues in American National Security (3)~~
    - ~~GLNS581 - American National Security Policy and Procedure (3)~~
    - GLNS575 - Global Health and National Security I (3)
    - GLNS576 - Global Health and National Security II (3)
    - GLNS590 - U.S.-Latin America Strategic Partnership: A National Security Perspective (3)
    - GLNS591 - U.S. Latin America National Security (3)
    - **GLNS521 - The Ecology and Evolution of Human Decision Making (3)**
    - **GLNS511 - Introduction to Directed Energy (3)**
    - **GLNS510 - Cybersecurity and National Security (3)**
    - **GLNS560 - Global Nuclear Security (3)**
    - **GLNS590 - U.S.-Latin America Strategic Partnership: A National Security Perspective (3)**
    - **GLNS595 - Topics in Global and National Security (3)**

**Grand Total Credits: 33**

## Concentrations

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### Program Concentrations

**Code**

**Title**

### Concentration Required

No

## Emphases

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### Emphasis required ⓘ

### Emphasis Hours

No

### Emphasis Rules

No Rules

## Program Learning Outcomes

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Proposed

### Learning Outcomes

- Demonstrate proficiency in degree requirements, including theories, principles, tradeoffs, and applying these to synthesize proposals for implementation.
- Apply subject matter knowledge in a range of contexts to make decisions that solve problems and to address unanticipated outcomes.
- Use appropriate technologies to conduct research using critical, reasoned arguments in collaboration with others holding diverse perspectives.
- Communicate complex policy subjects, tradeoffs, and proposals effectively in both written and presentation formats to varying audiences.

Existing

### Learning Outcomes