

## Certificate

# Modeling and Simulation - International Studies Certificate

The Graduate Program in International Studies (GPIS) offers a certificate in modeling and simulation.

## Curriculum Requirements

Twelve credit hours are required to complete the certificate.

### Introductory Course(s)

MSIM 601	Introduction to Modeling and Simulation	3
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### Core Courses \*

Select three of the following:		9
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ENMA 712/812	Multi-Criteria Decision Analysis and Decision Support Systems	
ENMA 724/824	Risk Analysis	
IS 762/862	Game Theory	
IDT 755/855	Theory and Design of Instructional Simulation	
IDT 756/856	Instructional Gaming: Theories and Practice	
IS 765/865	Agent-Based Modeling and Simulation for International Studies	
IS 762/862	Game Theory	
MSIM 772/872	Modeling Global Events	

<b>Total Credit Hours</b>		<b>12</b>
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\* Other courses may be included from across the University's modeling and simulation programs with approval of the track coordinator.