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*Concentration Coordinators – Dr. Angelica Huizar and Dr. Cathy Wu*

Students selecting this field must take (IS 716/816) and (IS 760/860) as the required field courses.

MA students must select ONE more course within the field.

Ph.D. students must select THREE courses for primary concentration or ONE course for secondary concentration.

Students may take courses other than those listed below only in consultation with the field coordinator.

Students could enrich their classroom experience through Independent Study/Directed Research projects with the agreement and under the supervision of the field coordinator.

IS703/803 Ethics and Foreign Policy

The focus of this research seminar will be on the role of normative ideas in international relations. Students will be introduced to the growing literature on normative approaches to international relations as well as the traditional literature on the grand philosophical problems of ethical action in the relations of states. Although several policy applications will be considered, primary focus will be on the theoretical incorporation of normative ideas into our understanding of state action in international relations.

theoretical approaches to the study of state-societal relations in Latin America.

IS

The course explores on the politics of Europe, focusing on four core themes: the political economy and the travails of the single currency, the question of immigration, legitimacy and democracy, and the changing political landscape. Students will be familiar themselves with the European Union and its institutions, as well as such themes as populism, the decline of central banks and economic stagnation.

#### IS740/840 Political Economy of Development

This seminar examines alternate theoretical perspectives on development. These perspectives are then employed to understand contemporary political and economic changes in the developing world, including the consolidation of democratic governance and the liberalization of domestic economics.

#### IS748/848 Gender & Globalization

half of the course turns to foreign relations in the region, exploring various topics and different levels of analysis to understanding the regional dynamics.

#### IS721/821 New World Order: Chaos or Coherence

The end of the Cold War has ushered tremendous political changes and an equally broad intellectual debate on the meaning of these changes. What will be the basic rules of international politics? Will the future resemble the past or follow new rules of its own? What countries, what groups, and what issues will dominate the future of world politics?

#### IS734/834 U.S. Grand Strategy

This course offers a thorough exploration into the subject of U.S. grand strategy. It confronts debates over the definition and usefulness of grand strategy, examines variations across the

#### IS722/822 Democracy and International Relations

An examination of the relationship between democratic politics, democratic ideals, and international relations. Subjects covered will include trends and processes of democratization and their implications for international relations, the distinctive behavior of democratic states in their international behavior, the impact of the international environment on the internal politics of democracies, and the problems of democracy in global governance.

#### IS724/824 International & Comparative Political Economy

This class focuses on core theories of international political economy, including international trade, international finance, direct investment, the role of multinational corporations, and the subfield of comparative political economy. Students are

Approaches to the management of risk; probability assessment methods; risk modeling; use of software packages; extensions of decision analysis, including stochastic dominance and multiattribute methods; applications to project management, scheduling, cost estimation.

#### ENMA754/854 Big Data Fundamentals

The objectives of the course are to provide fundamental knowledge and skills of Big Data for the new generation of researchers, engineers, project managers and business managers in the emerging data science and engineering paradigm. Topics to be covered include data analytics, cloud platforms and tools for Big Data, and innovative applications of Big Data.

#### IDT755/855 Theory and Design of Instructional Simulation and/or

This course focuses on learning theory, design and evaluation of instructional simulations and simulators. Topics include history, instructional design, validation, and integration of instructional simulations.

#### IDT756/856 Instructional Gaming: Theories and Practice.

This course focuses on learning theory, design and evaluation of instructional simulations and simulators. Topics include history, instructional design, validation, and integration of instructional simulations.

#### IS762/862 Game Theory

Game theory uses mathematical models, empirical investigation, and simulations to explain simple and complex strategic interactions among individuals, states, groups, and species. This course teaches the tools of game theory, with a focus on applications in international relations and political science.

#### IS765/865 Agent Based Modeling and Simulation for International Studies or BNAL722/822 Agent-based Simulation and Modeling

An introduction to complex systems theory and to the application of agent based modeling technologies to a variety of social systems.

#### IS872 Modeling Global Events

This course introduces modeling and simulation as a tool for expanding one's understanding of events that have shaped the global environment of the 21st century. The course will first provide a broad look at international politics through a review of select international incidents, military interventions, and homeland security issues. Second, select topics from these categories will serve as case studies to facilitate representing those events with the application of modeling, simulation, and visualization. Understanding how modeling and simulation can provide another method of analysis allows students to delve deeper into their understanding of "what happened" and to explore their conception of "what if."

#### MSIM601 Introduction to Modeling and Simulation\*

Modeling and simulation (M&S) discipline surveyed at an overview level of detail. Basic terminology, modeling methods, and

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#### IS701/801 Global Change and American Foreign Policy

This research seminar examines the transformation of the U.S. role in the world in the global context of the 20th Century and September 2001.

#### IS702/802 Approaches to Collective Security Policy

This seminar explores the origins of the idea of collective security, examines the attempts to organize international security collectively and assesses possibilities and opportunities for collective security arrangements after the Cold War.

#### IS708/808 Asian Politics

This course is a graduate seminar on the domestic politics and international relations of (East) Asia focusing on East and Southeast Asia. The first half of the course examines the domestic politics of Asian countries, with a focus on mainland China, Taiwan, Japan, and South Korea. The topics include political developments, state relations, and political economy. The second half of the course turns to foreign relations in the region, exploring various topics and different levels of analysis.

IS701/801 Global Change and American Foreign Policy

Seminar, 3 hours. 3 credits. This research seminar examines the transformation of the U.S. role in the world in the global context of the 20th Century and since September 2001.

IS702/802 Approaches