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## Curriculum

### Energy, Resources and Environment | MA Requirements

Energy, Resources and Environment Program [Learning Goals and Objectives](#) <sup>[40]</sup>

Entering Class 2015-2016

Students must take the equivalent of 16 non-language courses (64 credits) in order to graduate. Those students who are approved for dual degree or advanced standing may only need to take 12 courses (48 credits) or 14 courses (56 credits) as approved by Academic Affairs.

### ENERGY, RESOURCES AND ENVIRONMENT (ERE)

Students concentrating in Energy, Resources and Environment (ERE) must take at least 6 courses within this program.\* At minimum, 1 must be designated as an “Energy” course with the prefix SA.680.XXX and 1 must be designated as an “Environment” course with the prefix SA.680.XXX (refer to the [ERE Matrix](#) <sup>[41]</sup>). Only 2 of the 6 required ERE courses may be cross-listed starting with a prefix other than SA.680.XXX. All students must pass the non-credit Online Basics of Energy course within the first three weeks of their entering term.

Students can consider choosing their curriculum based on [Thematic Areas](#) <sup>[42]</sup>. These themes include a set of recommended courses that are geared toward students' career goals and academic interests. The sequencing of courses is encouraged, but not required.

## INTERNATIONAL ECONOMICS

Students must complete 4 courses within this program.

- Microeconomics
- Macroeconomics (prerequisite or concurrent Microeconomics)
- International Trade Theory (prerequisite Microeconomics)
- International Monetary Theory (prerequisite Macroeconomics)

Eligible students who pass the waiver exams in these subjects or who pass Micro and/or Macro in Pre-Term must replace those courses with alternate economics courses. Many students choose to pursue an International Economics Specialization <sup>[43]</sup> in one of four areas of economics and therefore use electives to meet these requirements. Students may also choose to specialize in Emerging Markets <sup>[44]</sup>.

Students must receive a 2.67 average in the 4 required economics courses or they must retake a course(s) until a 2.67 average is obtained. If any of the 4 courses are achieved by passing a waiver exam or during Pre-Term, the student must substitute an economics elective course(s) in place of the waived course(s) in order to fulfill the economics requirement above. In this case, SAIS will use the highest economics program elective course grade(s) to compute this average if a student is replacing one or more of the 4 required courses of Microeconomics, Macroeconomics, International Trade Theory or International Monetary Theory.

## QUANTITATIVE REASONING

Students must complete one course from the list below.

- Statistical Methods for Business & Economics
- Econometrics (prerequisite Statistical Methods for Business & Economics)
- Applied Econometrics (prerequisite Econometrics)
- Macro Econometrics (prerequisite Econometrics)
- Risk Analysis and Modeling
- Corporate Finance (prerequisite or concurrent Microeconomics)
- Quantitative Methods in International Relations (prerequisite Statistical Methods for Business & Economics)

Students may not double-count a Quantitative Reasoning requirement as one of the four required International Economics courses and vice-versa. Eligible students who pass the statistics waiver exam or pass the statistics course in Pre-Term are still required to take an alternate Quantitative Reasoning course from the list above.

## CORE COURSES/EXAMS

All SAIS students must pass 2 core exams and/or courses in addition to their concentration requirements. If the core courses/exams are not completed by the start of the final semester, a student must enroll for credit in the core course(s).

- American Foreign Policy Since World War II

- Comparative National Systems
- Evolution of the International Systems
- Theories of International Relations

## LANGUAGE PROFICIENCY

MA candidates must pass exams to demonstrate proficiency in a second language. This language must be offered at SAIS. Students whose native language is not English may use English as their proficiency language. All non-native English speakers are required to pass an English placement exam upon entering SAIS, even if not using English for proficiency.

## CAPSTONE

Energy, Resources and Environment concentrators must complete ONE of the following capstones:

1. Energy, Resources and Environment Oral Exam
2. MA Oral Exam (to compete for honors—if eligible)

## PROGRAM REQUIREMENTS BY ACADEMIC YEAR

Entering Class 2014-2015 <sup>[45]</sup>

Entering Class 2013-2014 <sup>[46]</sup>

Entering Class 2012-2013 <sup>[47]</sup>

Entering Class 2011-2012 <sup>[48]</sup>

Entering Class 2010-2011 <sup>[49]</sup>

Entering Class 2009-2010 <sup>[50]</sup>

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