MA 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)**

MA 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 (see Matrix below). Only 2 of the 6 required ERE courses may be cross-listed starting with a prefix other than SA.680.XXX.

All ERE concentrators and MIPP Affiliates must complete the Online Basics of Energy (OBE) course in Blackboard before the start of classes of their first term with ERE. Follow these instructions to enroll in OBE.
Starting with the entering class of fall 2017, all ERE MA concentrators must complete at least 1 ERE Fundamentals course (SA.680.697 Global Energy Fundamentals or SA.680.698 Global Environment Fundamentals) by the end of their first year.

A list of all ERE courses may be found in the [ERE Curriculum Matrix](#). Students can also use the [ERE Curriculum Sequences](#) to help plan their concentration. These energy and environment sequences are 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 16 credits. The four required courses are:

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

If a student passes a waiver exam in one of these areas, the student must take a replacement International Economics program course(s) to fulfill the concentration requirement.

Starting with the entering class of Fall 2017, students who pass Microeconomics in Pre-Term will have the concentration reduced to 12 credits, but still must complete Macroeconomics, International Trade Theory, and International Monetary Theory (or a replacement course(s) if waiver exam(s) passed). The Pre-Term Microeconomics course is not for credit and is not factored into the GPA.

Beyond the requirements, many students choose to pursue an International Economics Specialization in one of four areas of economics. Students may also choose to specialize in Emerging Markets.

**Concentration GPA Requirement**

Students must achieve a combined GPA of at least 2.67 in four (or three if Microeconomics is passed in Pre-Term) required International Economics program courses or they must retake the course(s) until a 2.67 concentration GPA is achieved. In the standard case, the concentration GPA will be the average of the grades of Microeconomics, Macroeconomics, International Trade Theory, and International Monetary Theory.

If one or more of the four standard courses is waived, the school will use the highest grade(s) from any eligible replacement International Economics program course(s) to compute the International Economics concentration GPA.

**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
- Quantitative Global Economics (prerequisite International Monetary Theory)
- Credit Markets & Credit Risk (prerequisite Corporate Finance)

Students may not double-count the same course toward the Quantitative Reasoning requirement and as an International Economics concentration course and vice-versa.

If a student passes the statistics waiver exam, the student must take an alternate course from the list above to fulfill the Quantitative Reasoning requirement.

Starting with the entering class of Fall 2017, students who pass Statistical Methods for Business & Economics in Pre-Term [47] will have fulfilled the Quantitative Reasoning requirement. The Pre-Term course is not for credit and is not factored into the GPA.

**CORE COURSES/EXAMS**

All students must pass 2 core courses and/or exams from the subjects below. If the core courses/exams are not completed by the start of the final semester, the student no longer has the option of completing the exam and must enroll in the core course(s) for credit.

- American Foreign Policy Since World War II
- Comparative Politics
- 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 Johns Hopkins 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 Johns Hopkins SAIS, even if not using English for proficiency.

**CAPSTONE**

Energy, Resources and Environment concentrators must complete ONE of the following capstones:
- Energy, Resources and Environment Oral Exam
- MA Oral Exam (to compete for honors—if eligible)

PROGRAM REQUIREMENTS BY ACADEMIC YEAR

Entering Class 2016-2017
Entering Class 2015-2016
Entering Class 2014-2015
Entering Class 2013-2014
Entering Class 2012-2013
Entering Class 2011-2012
Entering Class 2010-2011
Entering Class 2009-2010

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