THE ENERGY AND ENVIRONMENT CONCENTRATION IS COMPRISED OF THREE FOCUS AREAS:

1) GLOBAL ENERGY MANAGEMENT AND POLICY,
2) ENERGY AND RESOURCE MANAGEMENT
3) ENVIRONMENTAL POLICY AND MANAGEMENT

Requirements: 15 points, consisting of 5 three-point courses

Concentration courses cannot be audited or taken pass/fail. Students in the Energy and Environment concentration can satisfy their SIPA economics requirement with either sequence (SIPA U6300/01 or SIPA U6400/01); and must earn a B- or better in both courses within the sequence. Courses may not be double-counted, i.e., fulfilling a track requirement and an elective requirement.

Grade received in SIPA U6300 or U6400 __________
Grade received in SIPA U6301 or U6401 __________

1) GLOBAL ENERGY MANAGEMENT AND POLICY REQUIREMENTS
Focus Area Requirement: 15 points, consisting of 3 three-point required courses, 1 energy elective course, and 1 environment elective course:

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Term</th>
<th>Year</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>INAF U6072 Energy Systems Fundamentals</td>
<td>Fall</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>2</td>
<td>INAF U6065 The Economics Of Energy</td>
<td>Spring</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>INAF U6301 or INAF U6061 or INAF U6242</td>
<td>Fall/Spring</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Corporate Finance* or Global Energy Policy or Energy Policy</td>
<td></td>
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</tbody>
</table>

| 4 | __________ | An energy elective (please see back of this form) | Fall / Spring | 3 |
| 5 | __________ | An environment elective (please see back of this form) | Fall / Spring | 3 |

*Prerequisite: SIPA U6200 Accounting
# 2) Energy and Resource Management Requirements

Track Requirements: **15 points**, consisting of two (2) required courses, one (1) Energy and Environment Policy course, and two (2) Energy or Environment Elective courses:

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Term</th>
<th>Year</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>INAF U6072</td>
<td>Fall</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>2</td>
<td>INAF U6071</td>
<td>Fall</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>INAF U6061 or INAF U6243 or</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Global Energy Policy or</td>
<td>Fall/Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Energy Policy or</td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>(other, please see back of this form)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>Fall/Spring</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>Fall/Spring</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

**Subtotal** __________

# 3) Environmental Policy and Management Requirements

Track Requirements: **15 points**, consisting of two (2) required courses, two (2) environment elective courses, and one (1) energy elective course:

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Term</th>
<th>Year</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>INAF U6071</td>
<td>Fall</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>2</td>
<td>INAF U6068</td>
<td>Spring</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>An environment elective (please see back of this form)</td>
<td>Fall/Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>Fall/Spring</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>Fall/Spring</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

**Subtotal** __________

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**Concentration Director Approval:**
ONLY during final semester when submitting for graduation. Submit form to coordinator first for review.
Wolfram Schlenker (ws2162) 1430A IAB; David Sandalow (dbs2167)

Last update: 9/11/2017
ENERGY AND ENVIRONMENT POLICY COURSES (FOR ERM FOCUS ONLY)
ENVP U6228 Corporate Sustainability and the Role of Government in Advancing Environmental & Social Performance
ENVP U6239 The Politics and Policy of Urban Sustainability
ENVP U6241 Earth Systems and Environmental Politics, Policy, and Management
ENVP U6320 Political Context of Public/Private Environmental Management
INAF U6116 Infrastructure Cost Benefit Analysis
INAF U6135 Renewable Energy Markets and Policy
INAF U6261 Making Climate Policy in the US
INAF U6429 Energy Industry in the BRICS
INAF U8537 Climate Change Policy
INAF U8778 Distributed Energy Economics, Technology, and Policy
INAF U8909 Environment, Conflict & Resolution Strategies
LAW L6040 International Environmental Law
LAW L6242 Environmental Law
LAW L8036 International Law
LAW L8036 Natural Resources Law
LAW L8452 Seminar: Energy Law
SUMA PS4100 Sustainability Management
SUMA K4301 International Environmental Law
Other As Approved

ENERGY ELECTIVE COURSES
Students may meet their requirement with one 3-point course. There may be some additional classes that are not on this list or certain other changes in schedule. Please double check whether a class is offered in a particular semester.
ENVP U6400 Financing the Green Economy: Markets, Business, & Politics
INAF U4420 Oil, Rights and Development
INAF U6040 International Energy Project Finance
INAF U6042 Energy Business & Economic Development
INAF U6048 Oil and Gas Scenarios and Risk Analysis
INAF U6051 Infrastructure Investment and Development
INAF U6054 Petroleum Markets & Trading
INAF U6057 Electricity Markets
INAF U6061 Global Energy Policy
INAF U6065 The Economics Of Energy
INAF U6066 Energy and Power Financing Markets
INAF U6072 Energy Systems Fundamentals
INAF U6073 Introduction to Energy and Human Development
INAF U6076 Energy Management for Public and Private Sector
INAF U6079 Clean Energy Financial Innovation
INAF U6083 Peak Oil Demand: Transition to Low-Carbon Energy
INAF U6116 Infrastructure Cost Benefit Analysis
INAF U6135 Renewable Energy Markets and Policy
INAF U6238 Environmental Finance: Scaling Up Clean Energy
INAF U6242 Energy Policy
INAF U6326 Renewable Energy Project Finance Modeling
INAF U6429 Energy Industry in the BRICS
INAF U6680 Geopolitics of Oil & Natural Gas
INAF U8778 Distributed Energy Economics, Technology, and Policy
REGN U6149 Energy, Corporate Responsibility & Human Rights
REGN U6538 Russia’s Energy between West, East, and South
SUMA K4135 Energy Analysis for Energy Efficiency
SUMA K4197 Financing the Green Economy: Markets, Business, and Politics
Other As Approved
CONCENTRATION: Energy and Environment (EE)

ENVIRONMENT ELECTIVE COURSES

EHSC P8304  Public Health Impacts of Climate Change
ENVP U6224  Environmental Data Analysis
ENVP U6228  Corporate Sustainability and the Role of Government in Advancing Environmental & Social Performance
ENVP U6230  Economics of Sustainable Development
ENVP U6233  Environmental Finance Prep
ENVP U6235  Environmental Finance
ENVP U6239  The Politics and Policy of Urban Sustainability
ENVP U6241  Earth Systems and Environmental Politics, Policy, and Management
ENVP U6250  Poverty, Inequality, and the Environment
ENVP U6275  GIS for International Studies
ENVP U6320  Political Context of Public/Private Environmental Management
INAF U6051  Infrastructure Investment and Development
INAF U6068  Economic Analysis of Environmental Policies
INAF U6071  Environmental Fundamentals
INAF U6116  Infrastructure Cost Benefit Analysis
INAF U6231  Climate Change: Israel and the Middle East
INAF U6236  History of American Ecology & Environmentalism
INAF U6243  International Environmental Policy
INAF U6259  Adaptation to Climate Change
INAF U6261  Making Climate Policy in the US
INAF U8537  Climate Change Policy
INAF U8909  Environment, Conflict & Resolution Strategies
INAF U8910  Food, Farming & Famine: Struggles for Sustainability
INAF U8912  Technology, Innovation and Sustainable Goals
LAW L6038  Climate Change Law
LAW L6040  International Environmental Law
LAW L6242  Environmental Law
LAW L8036  Natural Resources Law
PLAN A4579  Introduction to Environmental Planning
SDEV U6240  Environmental Science for Sustainable Development
SDEV U6260  Disasters and Development
SUMA K4025  Sustainability Communications Strategy and Reporting
SUMA K4035  Greenhouse Gas (GHG) Emissions: Measuring and Minimizing the Carbon Footprint
SUMA PS4100  Sustainability Management
SUMA PS4130  Sustainable Cities
SUMA K4140  Sustainability Science
SUMA PS4145  Science of Sustainable Water
SUMA K4169  Sustainability Metrics
SUMA K4170  Sustainable Operations
SUMA K4142  Sustainable Finance
SUMA K4175  Global Environmental Markets
SUMA PS4190  Economics of Sustainability Management
SUMA K4195  Green Accounting
SUMA K4230  The Earth's Climate Systems
SUMA PS4235  The Science of Urban Ecology
SUMA K4301  International Environmental Law
SUMA K4380  Financing Natural Infrastructure
Other  As Approved