The Advanced Policy and Economic Analysis (APEA) Specialization requires **9 points**, consisting of 1 three-point course in Quantitative Analysis, 1 three-point course in Economic Analysis, and 1 three-point course in a Professional Focus Area (either an applied quantitative analysis course or an applied economic analysis course).

In addition to the specialization requirements, APEA students are required to also: 1) complete **SIPA U6500** in their first semester, and 2. take the **SIPA U6400 & SIPA U6401** sequence of economics.

<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>A)</td>
<td><strong>One advanced course in Quantitative Analysis</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B)</td>
<td><strong>One advanced course in Economic Analysis</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C)</td>
<td><strong>One Professional Focus course (select one additional 3-point course from either Economic Analysis or Quantitative Analysis)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Quantitative Analysis Courses:**
- INAF U6325 Energy Modeling
- INAF U6345 Analytic Techniques for Military Policy
- INAF U8827 Program Evaluation for Development Applications
- SIPA U8500 Quantitative Methods in Program Evaluation and Policy Research
- SIPA U8510 Program Evaluation: Principles and Applications
- BIST P6110 Statistical Computing with SAS
- BIST P8120 Analysis of Categorical Data
- BIST P8129 Theory of Multivariate Analysis
- HUDM Y5122 Applied Regression Analysis
- MATH G4073 Quantitative Methods In Investment Management
- MATH G4151 Analysis and Probability
- MATH G4152 Analysis, II
- MATH G4153 Probability, II
- ORL 5362 Group Dynamics: A Systems Perspective
- STAT GU4205/GR5205 Linear Regression Models
- STAT GU4221 Time Series Analysis
- STAT W4223 Generalized Linear Models
- STAT GU4234 Sample Surveys
- STAT GU4282 Linear Regression and Time Series Methods
- STAT W4233 Multilevel Models
- STAT GU4207 Elementary Stochastic Processes
- POLS W4291 Advanced Topics in Quantitative Research
- POLS W4911 Analysis of Political Data
- POLS GU4710 Principles of Quantitative Political Research
- SOSC P8777 Survey Research Method
- SOSC P8785 Qualitative Research Methods

**Economic Analysis Courses:**
- INAF U6016 Cost-Benefit Analysis
- INAF U6017 International Trade
- INAF U6018 International Finance Monetary Theory
- INAF U6022 Economics of Finance
- INAF U6045 International Capital Markets
- INAF U6355 Globalization
- INAF U6604 Applied Econometrics
- INAF U8161 Economics, Law and Public Policy
- REGN U8090 The Transatlantic Economy
- HPMN P8502 Research Techniques and Applications in Health Services Administration: Policy
- HPMN P8541 Economic Evaluation of Health Care Technology
- POLS W4210 Research Topics in Game Theory
- POLS GR412 Political Economy of Development
- POLS W4730 Game Theory and Political Theory
- ORL 5521 Introduction to Research Methods in Education

Please note: Specialization courses cannot be audited or taken pass/fail

**Concentration Director Approval:**
* **ONLY when submitting for graduation**

*Sharyn O'Halloran (SO33@columbia.edu) 727 IAB*  
Updated: 8/11/16