# MSCAPP First Year Schedule

## 2018 Entrants

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<th>AUTUMN</th>
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<td><strong>Microeconomics I</strong></td>
<td><strong>Mathematics for Computer Science and Data Analysis I</strong>&lt;br&gt;PPHA 32300 (option to take advanced PPNA 32310 or PhD level PPNA 44100)</td>
<td><strong>Microeconomics II</strong>&lt;br&gt;PPHA 32400</td>
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<tr>
<td><strong>Statistics For Data Analysis I</strong>&lt;br&gt;PPHA 31002 (option to take Math Stat PPNA 31202 or PhD level PPNA 42000)</td>
<td><strong>Statistics for Data Analysis II: Regressions</strong>&lt;br&gt;PPHA 31102 (option to take Math Stat PPNA 31302 or PhD level PPNA 42100)</td>
<td><strong>Databases for Public Policy</strong>&lt;br&gt;CAPP 30235</td>
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<td><strong>Computer Science with Applications I</strong>&lt;br&gt;CAPP 30121</td>
<td><strong>Computer Science with Applications II</strong>&lt;br&gt;CAPP 30122</td>
<td><strong>Machine Learning for Public Policy</strong>&lt;br&gt;CAPP 30524</td>
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<td><strong>Analytical Politics I: Strategic Foundations (AP1)</strong>&lt;br&gt;PPHA 30800</td>
<td><strong>ELECTIVE</strong>&lt;br&gt;or&lt;br&gt;Program Evaluation&lt;br&gt;PPHA 34600</td>
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Master of Science in Computational Analysis and Public Policy (MSCAPP) Degree Requirements

- Completion of eighteen graduate-level courses (1800 units of credit), not including any courses with grades of F, I, W, or courses with no reported grade
- Completion of the following required courses with a C- or better:
  - CAPP 30121 Computer Science with Applications I
  - CAPP 30122 Computer Science with Applications II
  - CAPP 30235 Databases for Public Policy
  - CAPP 30271 Mathematics for Computer Science and Data Analysis
  - CAPP 30524 Machine Learning for Public Policy
  - PPHA 30800 Analytical Politics I: Strategic Foundations
  - Statistics Sequence I. Choose one of the following:
    - PPHA 31002 Statistics for Data Analysis I
    - PPHA 31202 Advanced Statistics for Data Analysis I
    - Any course in the PhD econometrics sequence (STAT 24400, PPHA 42000, or PPHA 42100)
  - Statistics Sequence II. Choose one of the following:
    - PPHA 31102 Statistics for Data Analysis II: Regressions
    - PPHA 31302 Advanced Statistics for Data Analysis II
    - Any course in the PhD econometrics sequence (STAT 24400, PPHA 42000, or PPHA 42100)
  - Microeconomics Sequence I. Choose one of the following:
    - PPHA 32300 Principles of Microeconomics and Public Policy I
    - PPHA 32310 Advanced Microeconomics for Public Policy I
    - PPHA 44100 Principles of Microeconomics and Public Policy I (PhD sequence)
  - Microeconomics Sequence II. Choose one of the following:
    - PPHA 32400 Principles of Microeconomics and Public Policy II
    - PPHA 32410 Advanced Microeconomics for Public Policy II
    - PPHA 44200 Principles of Microeconomics and Public Policy II (PhD sequence)
  - PPHA 34600 Program Evaluation
  - 1 Policy Elective (PPHA prefix)
  - 1 Computer Science elective
- A cumulative grade point average of 2.7 or above for all courses used toward the degree, based on a 4.0 scale
- Completion of the Math Requirement
  - Pass algebra exam
  - Pass calculus exam
- No more than 2 reading/research, independent study, or internship courses
- No more than 2 courses taken pass/fail (core courses cannot be taken pass/fail)