ANALYTICS AND PUBLIC POLICY DUAL DEGREE (M.S./M.P.P.)

https://carsey.unh.edu/master-public-policy-analytics-dual-degree

Description

Beginning in the 2020-2021 academic year, the Analytics program will no longer be accepting new students. Current Analytics students will continue to have access to the same high-quality education and resources until they graduate.

The Public Policy and Analytics Dual Degree equips you with the skills and knowledge required to analyze critical societal issues, develop effective policy solutions, and translate analysis into action.

You can choose to start the program with either the Master in Public Policy (fall term) or the Master of Science in Analytics (summer term) and study a mix of content from both programs each year. Your capstone experience during the second year for both paths will demonstrate your command of skills from each program. In just two years, you will graduate with two highly marketable and sought-after degrees: Master in Public Policy and MS in Analytics.

Program Delivery & Location: Academic courses for both programs are offered in person on the UNH Durham campus with a portion of the MPP experiential learning taking place offsite: Washington, DC, for the Colloquium and at the Internship site location during the internship experience.

NEBHE Tuition Break for New England Residents of These States: MA, ME, RI, VT

Accelerated Masters Eligible: Yes

Requirements

Students enrolled in the Public Policy and Analytics Dual Degree program (MPP/MS in Analytics) are required to earn a minimum of thirty-one (31) credits in the Master in Public Policy program (MPP) and thirty (30) credits in the MS in Analytics program, resulting in a minimum of 61 credits in total. Students completing this MPP/MS in Analytics Dual Degree program will graduate with two master’s degrees: Master in Public Policy and Master of Science in Analytics.

Students can choose to start their MPP/MS in Analytics Dual Degree program in the fall term with MPP coursework or in the summer term with MS in Analytics coursework. It is highly recommended that students meet with their Academic Advisors for both programs prior to starting this MPP/MS in Analytics Dual Degree program to insure they have a clear understanding of the dual degree program requirements and course schedule.

Below are the courses required for the MPP and MS in Analytics programs to successfully complete this MPP/MS in Analytics Dual Degree program:

**MPP CURRICULUM for the Dual Degree Program:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPOL 806</td>
<td>Fundamentals of Policy Analysis</td>
<td>3</td>
</tr>
<tr>
<td>PPOL 902</td>
<td>Strategy and Practice of Public Policy</td>
<td>3</td>
</tr>
<tr>
<td>PPOL 904</td>
<td>Economics for Public Policy</td>
<td>3</td>
</tr>
<tr>
<td>PPOL 910</td>
<td>Policy Across Borders</td>
<td>3</td>
</tr>
<tr>
<td>PPOL 950</td>
<td>Washington DC Colloquium</td>
<td>3</td>
</tr>
<tr>
<td>PPOL 990A</td>
<td>Policy Capstone Planning</td>
<td>1</td>
</tr>
<tr>
<td>PPOL 990</td>
<td>Policy Capstone 1</td>
<td>3</td>
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<tr>
<td>PPOL 998A</td>
<td>Policy Internship 2</td>
<td>0</td>
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<tr>
<td>or PPOL 998</td>
<td>Policy Internship</td>
<td></td>
</tr>
<tr>
<td>PPP Elective Courses: Choose 2 courses from the MPP Strategy and Communication Track</td>
<td>6</td>
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<tr>
<td>Elective Courses: Choose 2 MPP-Approved Elective Courses (or 3 MPP-Approved Elective Courses if the DATA 911 / DATA 912 courses fulfill the PPOL 990 Policy Capstone requirements)</td>
<td>6</td>
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**MS IN ANALYTICS CURRICULUM for the Dual Degree Program:**

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>DATA 800</td>
<td>Introduction to Applied Analytics Statistics</td>
<td>3</td>
</tr>
<tr>
<td>DATA 801</td>
<td>Foundations of Data Analytics</td>
<td>3</td>
</tr>
<tr>
<td>DATA 802</td>
<td>Analytical Tools and Foundations</td>
<td>3</td>
</tr>
<tr>
<td>DATA 803</td>
<td>Introduction to Analytics Applications</td>
<td>3</td>
</tr>
<tr>
<td>DATA 901</td>
<td>Data Architecture</td>
<td>3</td>
</tr>
<tr>
<td>DATA 901</td>
<td>Analytics Applications I</td>
<td>3</td>
</tr>
<tr>
<td>DATA 902</td>
<td>Analytics Methods</td>
<td>3</td>
</tr>
<tr>
<td>DATA 903</td>
<td>Analytics Applications II</td>
<td>3</td>
</tr>
<tr>
<td>MS in Analytics EXPERIENTIAL LEARNING Activities (2 Courses):DATA 911</td>
<td>Analytics Practicum I</td>
<td>3</td>
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<td>or DATA 912</td>
<td>Analytics Practicum II</td>
<td>3</td>
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<td>Total Credits</td>
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**Master in Public Policy and MS in Analytics Dual Degree Credit Summary**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master in Public Policy Program Course Credits</td>
<td>31</td>
<td></td>
</tr>
<tr>
<td>MS in Analytics Program Course Credits</td>
<td>30</td>
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</tr>
<tr>
<td>Total Credits</td>
<td></td>
<td>61</td>
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**NOTES:**

1. With your MPP Academic Advisor’s approval, DATA 911 Analytics Practicum I and DATA 912 Analytics Practicum II courses can fulfill the PPOL 990 Policy Capstone requirements if there is a policy-relevant component to the Practicum. If this is the case, an additional MPP-approved elective course is required. All students are required to take the PPOL 990A Policy Capstone Planning course.
2. PPOL 998A Policy Internship is a non-credit-bearing experience supervised by a faculty member who will provide the academic structure to parallel the applied experience.
3. MPP-Approved electives courses are available in many substantive areas. Students may also propose additional electives if they make sense in terms of the student’s interests and academic plan. Discussion with your MPP Academic Advisor should inform this choice.
## Degree Plan

### MPP/MS in Analytics Dual Degree

**Plan:** Begin in Fall Term with MPP

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td><strong>First Year</strong></td>
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</tr>
<tr>
<td><strong>Fall</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PPOL 806</td>
<td>Fundamentals of Policy Analysis</td>
<td>3</td>
</tr>
<tr>
<td>PPOL 904</td>
<td>Economics for Public Policy</td>
<td>3</td>
</tr>
<tr>
<td>MPP Elective Course (choose a course from the MPP Strategy and Communication Track)</td>
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<td>3</td>
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<tr>
<td>Elective Course (choose an MPP-Approved elective course)</td>
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<tr>
<td><strong>January Term</strong></td>
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<tr>
<td>PPOL 950</td>
<td>Washington DC Colloquium</td>
<td>3</td>
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<tr>
<td><strong>Spring</strong></td>
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<td></td>
</tr>
<tr>
<td>PPOL 902</td>
<td>Strategy and Practice of Public Policy</td>
<td>3</td>
</tr>
<tr>
<td>PPOL 910</td>
<td>Policy Across Borders</td>
<td>3</td>
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<tr>
<td>PPOL 990A</td>
<td>Policy Capstone Planning</td>
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<td>PPOL 990</td>
<td>Policy Capstone</td>
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<td>Policy Internship</td>
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<tr>
<td>or PPOL 998</td>
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</tr>
<tr>
<td><strong>Summer</strong></td>
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<td></td>
</tr>
<tr>
<td>DATA 800</td>
<td>Introduction to Applied Analytic Statistics</td>
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<td><strong>Second Year</strong></td>
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<td><strong>Fall</strong></td>
<td></td>
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</tr>
<tr>
<td>DATA 900</td>
<td>Data Architecture</td>
<td>3</td>
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<tr>
<td>DATA 901</td>
<td>Analytics Applications I</td>
<td>3</td>
</tr>
<tr>
<td>DATA 911</td>
<td>Analytics Practicum</td>
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<tr>
<td>Elective Course (choose an MPP-Approved elective course)</td>
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<tr>
<td><strong>Spring</strong></td>
<td></td>
<td></td>
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<tr>
<td>DATA 902</td>
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<td>Analytics Applications II</td>
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<td>DATA 912</td>
<td>Analytics Practicum II</td>
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</tr>
<tr>
<td>MPP Elective (choose a course from the MPP Strategy and Communication Track)</td>
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**Total Credits**: 61

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### MPP/MS in Analytics Dual Degree

**Plan:** Begin in Summer Term with MS in Analytics

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td><strong>First Year</strong></td>
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<tr>
<td><strong>Summer</strong></td>
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<td>Economics for Public Policy</td>
<td>3</td>
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<tr>
<td><strong>January Term</strong></td>
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<tr>
<td><strong>Second Year</strong></td>
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<tr>
<td><strong>Summer</strong></td>
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<tr>
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<td>Policy Internship</td>
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<tr>
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**Student Learning Outcomes**

Public Policy M.P.P.

- Apply basic methods of policy development and analysis to design and evaluate public policy
- Demonstrate competency in public speaking and writing related to public policy
- Demonstrate competency in strategic and tactical skills for achieving policy objectives
- Utilize data and research to inform policy design and advocacy
- Understand policy profession norms and ethics
- Apply critical thinking skills to address policy-relevant questions