PROGRAM EVALUATION AND IMPACT ASSESSMENT (ADVANCED CERTIFICATE)

NYSED: 40142  HEGIS: 2102.00  CIP: 44.0401

Program Description
This Advanced Certificate provides training in assessing the effectiveness of funded, programmatic, and policy interventions. The curriculum is designed for evaluation researchers, social and community service managers, management analysts, and survey researchers, as well as policy professionals in domestic and international settings who are tasked with developing, funding, selecting, or assessing social programs.

As a result of the program, you'll not only understand critical aspects of impacts in policy research, empirical methods, data analysis, and survey methods, but also walk away with the skills you need to work in government and nonprofit settings in roles examining the efficacy of policy interventions.

Admissions
Admission to the Advanced Certificate program requires the following:

- Online Application
- Essay
- Resume
- Transcripts
- Application Fee

Admission is selective and based on the applicant's prior academic record and professional achievements. Advanced Certificate candidates are not eligible for scholarship. For more information, please contact wagner.admissions@nyu.edu.

Due to constraints relevant to US immigration regulations, applicants who will need an F-1 or J-1 student visa are not eligible to apply to certificate programs.

Students currently enrolled in a Wagner degree program cannot be admitted to nor simultaneously enrolled in a Wagner Advanced Certificate program.

See Advanced Certificate and Non-Degree Application Checklist (https://wagner.nyu.edu/admissions/degree-checklist/apc-nd/) for additional admission requirements and instructions specific to this program.

Program Requirements
Students must successfully complete 15 credits to earn this Advanced Certificate. The curriculum is designed to be completed in three semesters, however students may take up to three years. The required CORE-GP 1011 must be taken in the first semester and it is a prerequisite to most other courses in the certificate. Students who are able to waive CORE-GP 1011 will be allowed to take an advanced elective in its place.

Course Title Credits
CORE-GP 1011 Statistical Methods 3
PADM-GP 2171 Evaluating Programs and Policies 3

Required Courses

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<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>CORE-GP 1011</td>
<td>Statistical Methods</td>
<td>3</td>
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<tr>
<td>PADM-GP 2171</td>
<td>Evaluating Programs and Policies</td>
<td>3</td>
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Sample Plan of Study

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<tr>
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<td>Evaluating Programs and Policies</td>
<td>3</td>
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<tr>
<td>PADM-GP 2902</td>
<td>Multiple Regression and Introduction to Econometrics</td>
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Students must choose 6 credits from the following:

- Advanced Empirical Methods
- Geographic Information Systems and Analysis
- Estimating Impact in Policy Research
- Large Scale Data Analysis with Machine Learning I
- Large Scale Data Analysis with Machine Learning II
- Designing Data Collection for Program Evaluation, Policy, & Management
- Using Large Data Sets in Policy Research
- R Coding for Public Policy
- Python Coding for Public Policy

Total Credits 15

Learning Outcomes
Upon successful completion of the program, graduates will:

1. Align organizational and institutional policies and practices with mission, strategy, culture, and broader policy objectives.
2. Secure and manage financial resources in a way that aligns with mission and strategy.
3. Demonstrate understanding of the policy lifecycle and the impact of social, economic, demographic, political, environmental, and regulatory factors.
4. Evaluate policies using appropriate, evidence-based methods and tools, including measuring differential impact on sub-populations.
5. Deploy conceptual frameworks to break down problems into constituent elements and to develop solutions.

6. Critically assess and synthesize existing research to identify its contributions and limitations, as well as possible research alternatives.

7. Demonstrate understanding of causality, including distinguishing between correlation and causation, the challenges to estimating causal relationships, and the importance of causality for determining impact.

8. Prepare succinct, well-argued, and well-organized written materials and verbal presentations with appropriately incorporated tables, graphs, and other visuals.

9. Translate awareness of the impact of individual and group demographics and identities into appropriate organizational, institutional, and societal policies and practices.

10. Lead projects, programs, and people, and manage resources in ways that adapt to changing social, economic, demographic, technological, and political conditions.

**Policies**

**NYU Policies**

University-wide policies can be found on the New York University Policy pages (https://bulletins.nyu.edu/nyu/policies/).

**Wagner Policies**

Additional academic policies can be found on the Wagner academic policy page (https://bulletins.nyu.edu/graduate/public-service/academic-policies/).