MICROPROGRAM DATA ANALYSIS FOR PUBLIC POLICY: LEVERAGING DATA TO SOLVE CHALLENGES

Overview

Major policy initiatives are increasingly built on a foundation of data analysis. For instance, careful analysis of data underlies our response to the COVID pandemic, informs our response to climate change, and helps to shape many of our social programs. The proposed micro-program would provide students with an introduction to the analytical tools required to draw insights from data in order to help inform public policy.

In addition, students would learn how to portray and describe research findings for audiences that are not necessarily quantitatively adept but are in decision-making roles. The basic program consists of three courses that allow students to learn techniques and software used for data analysis and to apply their new skills to a real-world policy problem. Students can request an exemption of the course API 5136/API 5536.

Admission Requirements

The registration process for a Microprogram depends on your student status.

Students already admitted and enrolled in a graduate program

Students wishing to pursue a graduate program must apply for, and be admitted to, their graduate program before they enroll in a second Graduate Microprogram identified within their existing program.

If you have already enrolled in a graduate studies program and would like to add the Microprogram in Data analysis for public policy, Leveraging data to solve challenges without being admitted in a graduate studies program, send an email to the graduate studies office of the Faculty of Social Science at scsgrad@uottawa.ca (scsgrad@uottawa.ca) and include the following documents:

- 2 recommendation letters
- You must submit copies of all transcripts from universities you have attended with your request. Transcripts must cover all courses and programs at any university you have attended, including regular programs (whether completed or not), exchanges, letters of permission, online or correspondence courses, courses taken as a special student or visiting students, etc. If your transcript and degree certificate are not in English or French, you must submit a certified translation (signed and stamped and sealed).
- Letter of Intent describing interest in the program and describing level of knowledge of second official language
- Resume required
- Proof of proficiency in your program's language of instruction, in the case of applicants whose first language is neither English nor French
- Language proficiency test scores equivalences (https://www.uottawa.ca/graduate-studies/programs-admission/apply/#apply6)
  - TOEFL 580/IELTS Overall 6.5 - Individual 6.0 (Paper-based)
  - TOEFL 92-93/IELTS 6.5 overall – Individual 6.0 (Internet-based)

Program Requirements

Courses successfully completed as part of this microprogram could count towards the program requirements of the 2-year MA program of Public and International Affairs (if admitted). Students can enroll in up to maximum 2 courses per term and have at maximum 3 years to complete the microprogram.

Requirements for this program have been modified. Please consult the 2021-2022 calendars (http://catalogue.uottawa.ca/en/archives/) for the previous requirements.

Compulsory Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>API 5136</td>
<td>Research Methods for Public Policy</td>
<td>3</td>
</tr>
<tr>
<td>API 6321</td>
<td>Quantitative Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>API 6322</td>
<td>Doing Data-based Projects</td>
<td>3</td>
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