UNU-CRIS Certificate Programme
Data Driven Analyis for Policy

Extended online schools with live sessions and an optional visiting period in Bruges, Belgium (up to 3 months).

Cohort dates: 13 April - 3 July | Workload: approx. 4 hours/week | Fee: €1,500

UNU Certificate of Completion awarded upon successful completion of required assessments.

Programme focus

This programme focuses primarily on methodological training: Python programming and data management, forecasting and prediction, and causal inference for questions relevant to economic and social policy. Participants learn to build reproducible workflows and apply modern quantitative tools to real policy questions, with one module dedicated to how evidence is interpreted, communicated, and governed in real policy settings, including fairness, transparency, and accountability.

What you will be able to do

- Build and evaluate forecasting models and communicate uncertainty
- Apply causal inference logic to policy evaluation questions
- Apply machine learning took to address causality and forecasting
- Work with unstructured text and (introductory) image data workflows using modern AI tools
- Communicate findings responsibly to decision-makers, including ethical trade-offs

Programme structure (4 modules)

- Python programming and data wrangling (pandas, EDA, visualization, reproducibility)
- Forecasting and causal inference for policy (prediction vs causality, evaluation designs)
- Neural networks and unstructured data (text analytics, LLM workflows, responsible AI)
- From data to policy (interpretability, accountability, communication and governance)

Assessment and UNU certificate

- Short online assignments during the programme.
- Final applied deliverable (project / policy brief / memo, for the different modules).
- A **UNU Certificate of Completion** is awarded upon successful completion of required assessments.

To apply, submit your CV by email to info-mep@cris.unu.edu, by March 20th.

Optional visiting period in Bruges (Belgium)

Participants may apply for an on-site visiting period at UNU-CRIS (Bruges) to join seminars, receive mentorship, and build networks. Places are limited and subject to selection.