

Title of the micro-credential	Assessing Climate Change Impacts and Adaptation Strategies
Offering period	Winter semester 2026/2027
Language of instruction	English
Required prerequisites / entry qualifications	Admission to a study degree programme at Master level at Universität Innsbruck or equivalent; no further prerequisites.
Target group(s)	Master students of all disciplines, especially students in the field of Sustainability & Climate Change, international students and students from universities of the Aurora European Universities Alliance, as well as students interested in climate change impacts, climate data, sustainability and adaptation strategies.
Workload in ECTS credits	5
Component / Course	800873 SE Assessing Climate Change Impacts and Adaptation Strategies (eLecture - online, seminar in block format)
Registration	Registration period: 01.07. – 19.07.2026 Registration for the course takes place under the following link: https://www.uibk.ac.at/de/international/aurora/kursangebote/universitat-innsbruck/
Period of delivery	Winter semester 2026/2027, eLecture – online: 08.10.2026, 14:00-15:30 22.10.2026, 12.11.2026, 26.11.2026, 10.12.2026, 07.01.2027, 14.01.2027 and 02.02.2027, each 14:00-17:15
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Learning outcomes

Graduates of the micro-credential “Assessing Climate Change Impacts and Adaptation Strategies” are able to critically evaluate climate data, indicators and analytical results by systematically reflecting on data quality, uncertainties and underlying assumptions (Critical Thinking - Evaluation of Information and Evidence; Influence of Context and Assumptions). They can integrate regional and thematic contexts into the interpretation of climate developments, weigh different perspectives from group work, literature study and discussions, formulate well-founded conclusions logically derived from evidence, and present them clearly, coherently and transparently.

Graduates are able to compare and assess different adaptation options systematically. They consider benefits, risks, feasibility and long-term effects, and develop coherent and implementable solutions for real destinations on the basis of their project analyses (Problem Solving - Solution Development; Evaluation of Alternatives). They can assess consequences and trade-offs of adaptation measures by applying ecological, economic and social sustainability criteria in an integrated way and discussing them collaboratively.

Furthermore, graduates can synthesize data analysis, impact assessment and sustainability aspects into a coherent overall picture, create climate-impact profiles for selected destinations and transfer the methods acquired in the course to new regions or research questions (Integrative Learning - Transfer). They communicate complex results to target groups using appropriate visualisations, clear argumentation structures and suitable presentation formats, and refine their approach through continuous feedback.