The Technology and Public Policy (TPP) Programme

Thrive at the intersection of technology and public policy

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The Technology and Public Policy programme

Learn how to thrive at the intersection of technology and public policy and take the next step in your career.

Which policy interventions could ensure that artificial intelligence is used in an effective but also socially fair manner? How to design a carbon tax that is effective in terms of reducing emissions, and that is also politically feasible? In today's world, policymaking is confronted with multifaceted societal challenges that require professionals who are savvy in both science and technology as well as public policy analysis.

The Technology and Public Policy (TPP) programme is a continuing education programme designed for professionals working at the intersection of science, technology and public policy, as well as for those who are aspiring to move into this dynamic field.

Offered by one of the world's leading universities, the TPP programme provides an interdisciplinary learning experience taught by renowned academics and experienced practitioners. It equips participants with policy analysis skills to effectively address societal challenges and advance in both their current and future careers.

„An awesome programme! The ETH Zurich TPP programme widened my viewpoints tremendously. It provided me with factual information and models to which I return to in my further work. During the studies, I greatly enjoyed the vivid discussions and engaging learning opportunities. The programme also enabled me to proceed in my chosen career path."

Dr Annamari Alitalo,
Scientific Officer, Swiss Federal Food Safety and
Veterinary Office
2022 Alumnae

„The CAS ETH TPP programme was a great way to deepen my understanding of technology and public policy, all while working. I was particularly inspired by the variety of backgrounds of my classmates and the quality of the faculty and guest lecturers. It was a memorable and engaging experience that I highly recommend!"

David McCord,
Research Assistant, Harvard University, Belfer
Center for Science and International Affairs
2022 Alumnus

About the TPP programme

The TPP programme consists of three degrees, two Certificates of Advanced Studies (CAS) and a Master of Advanced Studies (MAS).

Each of the two CAS ETH TPP degrees comprises 21 in-person lecture days, organised into approximately 10 blocks of two or three days each, taking place during the Spring Semester from January to June. The MAS ETH TPP represents the culmination of the TPP programme: it encompasses both CAS ETH TPP degrees, complemented by elective modules to broaden participants' horizons, and a policy analysis project. In this project, participants apply the programme's learnings under the supervision of an ETH professor. The MAS ETH TPP can be completed within two years.

CAS ETH TPP: Policy Process (15 ECTS)

Focus:

› Analysing how public institutions function and how policy choices are made;

› Managing policy- making processes and communicating effectively with policy-makers, stakeholders, and the public

Takes place in the Spring Semester of **uneven** years, from January to June

CAS ETH TPP: Impact Analysis (15 ECTS)

Focus:

› Designing policy interventions based on analyses of their expected economic, social, and political consequences

› Managing policy- making processes and communicating effectively with policy-makers, stakeholders, and the public

Takes place in the Spring Semester of **even** years, from January to June

Electives (15 ECTS)

Policy Analysis Project (15 ECTS)

MAS ETH in Technology and Public Policy (60 ECTS)

Objective
Acquire the public policy analysis skills needed to thrive at the intersection of technology and public policy.

Target group
Professionals working at the intersection of science, technology and policy and those wanting to enter this field.

Structure
Modular continuing education programme comprising two Certificates of Advanced Studies (CAS) that can be upgraded to a Master of Advanced Studies (MAS). The programmes can be pursued part-time.

Duration
1 semester for CAS degrees and 2 years for the MAS degree.

Start
Spring Semester (every year)

Location
Zurich, Switzerland, ETH campus

Admission requirements
Master's degree acknowledged by ETH or equivalent educational qualifications, preferably in natural sciences or engineering; at least 3 years of professional work experience; minimum English level of C1.

Fees
CHF 9,500 for the CAS and CHF 25,000 for the MAS (discount available for graduates from one CAS ETH TPP who apply for the second CAS ETH TPP).

Cohort 2021 of the Technology and Public Policy programme

Application period
15 August – 15 November

Professional perspectives
Graduates will belong to a new generation of professionals who are literate in science & technology as well as public policy analysis. They will be well prepared to shape public policies addressing today's grand societal challenges at the technology-policy interface across the public, private, and non-profit sectors.

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„The TPP programme's interdisciplinary approach and emphasis on practical applications equipped me with the essential skills needed at the intersection of technology and public policy. Highly motivated professors and practitioners as well as great discussions with my peers made this programme a very enlightening experience."

Peter Bonsack,
Scientific Officer, Federal Office for the Environment (FOEN)
2021 Alumnus