World Trade Institute, University of Bern

Certificate of Advance Studies on Applied Trade Policy Modelling

29 June – 17 July 2026

Goals and Content

The integration of national economies into a global multilateral economic system is one of the landmarks of the recent economic history. The growth of international trade has been boosted by the recent trends of globalization, trade liberalization and policy coordination. The current international trade system is a complex network shaped by trade regulation and policies. However, recent trade and industrial policies challenge international trade and economic growth.

The Certificate of Advanced Studies on Applied Trade Policy Modeling (CAS TradeMod) offers a research-oriented teaching in the field of trade policy. The courses provided show the different theories and quantitative models and techniques used to analytically evaluate the effects of trade and industrial policies. These tools are the standard used in specialized units in international organizations and national institutions. The courses are applied and emphasize the use of econometric and computational programs and specialized software.

The **World Trade Institute (WTI) at the University of Bern** is a leading academic institution dedicated to teaching and research focused on international trade and investment regulation and economic globalisation and sustainability. As a centre of excellence at the University of Bern with an international, interdisciplinary focus, we explore the inter-connections between the fields of law, economics and political science.

Structure and Courses

The CAS TradeMod is structured around three one-week courses and a research paper that students write under the supervision of one of the lecturers.

Week 1: Econometric Analysis of Trade Policy
This course presents the main econometric framework to perform ex-post analysis of trade policies: the structural gravity model of trade. The management of bilateral trade data and the main gravity variables is also introduced.

Lecturer: Octavio Fernández-Amador, World Trade Institute, University of Bern.
29 June - 03 July 2026 [20 hours, 3 ECTS].

Week 2: Introduction to Input-Output and Applied General Equilibrium Models
This course shows the use of input-output tables and social accounting matrices, which constitute the data basis for applied general equilibrium models. After that, the basics of computable general equilibrium models are introduced.

Lecturer: Patrick Tomberger, University of Innsbruck.
06 - 10 July 2026 [20 hours, 3 ECTS].

Week 3: General Equilibrium Modelling of Trade Policy
This course provides a practical introduction to quantitative economic analysis of international trade relations and policies using computable general equilibrium models. Specifically, the course will introduce how to conduct experiments on trade policy and development, interpret the results and report on the results. CGE-models are then applied to a wide range of policy questions, in particular trade policy questions.

Lecturer: Eddy Bekkers, WTO-ERSD.
13 - 17 July 2026 [23 hours, 3 ECTS].

Organization

The CAS TradeMod is aimed at professionals and researchers working on quantitative analysis of trade policy, as well as graduate students (Masters and PhD) in Economics and Social Sciences.

The CAS TradeMod grants 13 ECTS. Students need to complete three one-week courses (3 ECTS each of them). After that, students write a research paper under the supervision of one of the lecturers (4 ECTS).

CAS Applied Trade Policy Modelling coordination:

Octavio Fernández-Amador
Senior Researcher and Lecturer
World Trade Institute, University of Bern.

For further information, please send an email to octavio.fernandez@unibe.ch.

Timetable

Class hours are typically from 10:00pm-16:30pm, Monday – Thursday.

Place: WTI, University of Bern, Switzerland. Some sessions may be online, via Zoom. A limited number of students may take the CAS TradeMod fully online.

Available course outlines and reading material can be found under the course listing on the WTI website. Students are allowed to spread the program over two years.

Registration

The tuition fee is **CHF 5200**.

Send your application to:
info.wti@unibe.ch