

Module Number	Module Title	Teaching form	SWS	ECTS-Credits	Module Responsibility
Elective Modules					
Methods					
POL63100	Quantitative Methods	2 Vo + 2 Ue	4	6	Lehrstuhl für Human-Centered Computing (Prof. Diesner) Lecturer: Nafiseh Nikeghbal
SOT86098	Qualitative Interviews	2 Se	2	3	Professur für Science and Crisis Communication (Prof. Walter) Lecturer: Dr. Alice Beazer
SOT86814	Introduction to Research Design in the Social Sciences	2 Se	2	3	Professur für Science and Crisis Communication (Prof. Walter) Lecturer: Dr. Alice Beazer
SOT86402	Qualitative Methods	2 Vo + 2 Ue	4	6	Lehrstuhl für European and Global Governance (Prof. da Conceição-Heldt) Lecturer: Florence Dafe
SOT86603	Telling Stories with R and Data Visualizations	2 Se	2	3	Lehrstuhl für Digital Governance (Prof. Theocharis) Lecturer: Dr. Jan Zilinsky
SOT86089	AI, Society, and Governance (Project Week)	2 Se	2	3	Lehrstuhl für Digital Governance (Prof. Theocharis) Lecturer: Dr. Jan Zilinsky
SOT86086	Deep Learning Demystified: Hands-on Deep Learning for Non-CS Majors	2 Ue	2	3	Lehrstuhl für Public Policy, Governance and Innovative Technology (Prof. Gasser) Lecturer: Katalin Schneider
Specializations in Political Science (elective modules) One of the following four political science specializations can be chosen. For one political science specialization, the associated required module and 24 credits from the associated elective modules must be completed. The chosen specialization in political science will be presented in the Transcript of Records.					
Specialization Data & Society					
Elective Modules					
SOT86603	Telling Stories with R and Data Visualizations	2 Se	2	3	Lehrstuhl für Digital Governance (Prof. Theocharis) Lecturer: Dr. Jan Zilinsky
SOT86089	AI, Society, and Governance (Project Week)	2 Se	2	3	Lehrstuhl für Digital Governance (Prof. Theocharis) Lecturer: Dr. Jan Zilinsky
SOT86062	AI Regulation & Law	2 Vo	2	3	Lehrstuhl für Law and Regulation of the Digital Transformation (Prof. Paal) Lecturer: Prof. Paal
SOT86063	AI Regulation & Law	2 Vo + 2 Ue	4	6	Lehrstuhl für Law and Regulation of the Digital Transformation (Prof. Paal) Lecturer: Prof. Paal
SOT86084	Introduction to Business Law	2 Vo + 2 Se	4	6	Lehrstuhl für Law and Regulation of the Digital Transformation (Prof. Paal) Lecturer: Tristan Radtke
SOT86107	Seminar on Surveillance Studies	2 Se	2	6	Professur für Recht und Sicherheit der Digitalisierung (Prof. Heckmann) Lecturer: Nicolas Ziegler
SOT86082	Global Governance of AI	2 Vo + 2 Ue	4	6	Lehrstuhl für Public Policy, Governance and Innovative Technology (Prof. Gasser) Lecturer: Noha Halim
SOT86108	Frontiers in AI Governance	2 Se	2	3	Lehrstuhl für Public Policy, Governance and Innovative Technology (Prof. Gasser) Lecturer: Prof. Gasser, Noha Halim
SOT86821	Governing Innovative Technologies: Natural Catastrophes Prediction Through the Application of Artificial Intelligence	3 Se	3	6	Lehrstuhl für Public Policy, Governance and Innovative Technology (Prof. Gasser) Lecturer: Brittany Engle
SOT86903	Cybersecurity in Social Science Research	2 Se	2	3	Professur für Global Security and Technology (Prof. Paula) Lecturer: Fabiola Schwarz

SOT86052	Responsible Data Science for Safe and Socially Aligned AI Applications	3 Se	3	6	Lehrstuhl für Responsible Data Science (Prof. Kasneci) Lecturer: Prof. Kasneci
SOT86051	Explainable AI - A Comprehensive Seminar on Transparent and Ethical AI	3 Se	3	6	Lehrstuhl für Responsible Data Science (Prof. Kasneci) Lecturer: Prof. Kasneci
SOT86058	Natural Language Processing: Shortcuts and Biases in Artificial Intelligence	4 Se	4	6	Lehrstuhl für Responsible Data Science (Prof. Kasneci) Lecturer: Shuo Yang
SOT86064	Aligning Large Language Models with Human Instructions, Preferences and Values	4 Se	4	6	Lehrstuhl für Responsible Data Science (Prof. Kasneci) Lecturer: Chenchen Yuan
SOT86109	AI-Driven Data Generation for ESG	3 Se	3	6	Lehrstuhl für Responsible Data Science (Prof. Kasneci) Lecturer: Zheyu Zhang
SOT86066	Machine Learning and Society	2 Vo	2	3	Professur für Societal Computing (Prof. Papakyriakopoulos) Lecturer: Prof. Papakyriakopoulos
SOT86065	Machine Learning and Society	2 Vo + 2 Se	4	6	Professur für Societal Computing (Prof. Papakyriakopoulos) Lecturer: Prof. Papakyriakopoulos
SOT86106	AI Applications in Non-Governmental Organizations	2 Se + 2 Ue	4	6	Professur für Societal Computing (Prof. Papakyriakopoulos) Lecturer: Dalia Yousif Ali
SOT86067	Climate Finance	2 Vo + 2 Ue	4	6	Professur für Public Policy for the Green Transition (Prof. Egli) Lecturer: Prof. Egli
SOT86068	Societal Computing	2 Vo + 2 Ue	4	6	Lehrstuhl für Human-Centered Computing (Prof. Diesner) Lecturer: Prof. Diesner
SOT86075	Algorithms & Fundamental Rights	4 VI	4	6	Lehrstuhl für Computational Social Science (Prof. Pfeffer) Lecturer: Prof. Pfeffer
SOT86069	Analyzing Text Data: From Basics to Advanced Techniques	4 VI	4	6	Lehrstuhl für Computational Social Science (Prof. Pfeffer) Lecturer: Dr. Raji Ghawi
SOT86400	Politics of Big-Data and Digitalization	4 Se	4	6	Professur für Political Data Science (Prof. Hegelich) Lecturer: Dr. Morteza Shahrezaye
SOT86110	Social Network Analysis - Systematic and Quantifying Approach	3 Se	3	6	Professur für Political Data Science (Prof. Hegelich) Lecturer: Dr. Morteza Shahrezaye
SOT56404	Academic Prompt Engineering and Management: Theory and Practice	2 Vo	2	6	Professur für Law, Science, and Technology (Prof. Dieffal) Lecturer: Prof. Dieffal
Specialization Governance					
Elective Modules					
SOT86707	International Security	2 Se + 2 Se	4	6	Lehrstuhl für European and Global Governance (Prof. Conceição-Heldt) Lecturer: Dr. Burak Giray
SOT86705	Disruptions in Governance and Technology	2 Se + 2 Se	4	6	Lehrstuhl für European and Global Governance (Prof. da Conceição-Heldt) Lecturer: Dr. R. Melis Baydag, Dr. Henning Schmidtke
SOT86100	Global Governance	2 Se	2	3	Lehrstuhl für European and Global Governance (Prof. da Conceição-Heldt) Lecturer: Dr. Henning Schmidtke
SOT86062	AI Regulation & Law	2 Vo	2	3	Lehrstuhl für Law and Regulation of the Digital Transformation (Prof. Paal) Lecturer: Prof. Paal
SOT86063	AI Regulation & Law	2 Vo + 2 Ue	4	6	Lehrstuhl für Law and Regulation of the Digital Transformation (Prof. Paal) Lecturer: Prof. Paal

SOT86084	Introduction to Business Law	2 Vo + 2 Se	4	6	Lehrstuhl für Law and Regulation of the Digital Transformation (Prof. Paal) Lecturer: Tristan Radtke
SOT86092	Absolute Power on Demand? The Court of Justice of the European Union as a Political Actor	2 Se	2	3	Lehrstuhl für Law and Regulation of the Digital Transformation (Prof. Paal) Lecturer: Timo Hoffmann
SOT86603	Telling Stories with R and Data Visualizations	2 Se	2	3	Lehrstuhl für Digital Governance (Prof. Theocharis) Lecturer: Dr. Jan Zilinsky
SOT86884	Seminar on Politics and Religion	3 Se	3	3	Professur für Political Philosophy and Theory (Prof. Westphal) Dozent: Pinchas Goldschmidt, Prof. Westphal
Specialization Political Economy					
Required Module for Specialization Political Economy					
SOT86411	Field Seminar in Political Economy	3 Se	3	6	Professur für Political Economy (Prof. Seidl) Lecturer: Prof. Seidl
Elective Modules Area Comparative Political Economy (Minimum 6 ECTS)					
SOT861406	States and Markets	3 Se	3	6	Lehrstuhl für International Relations (Prof. Büthe) Lecturer: Dr. Takuya Onoda
SOT86111	Sustainability and Development: Policies, Impacts and Research Methods	3 Se	3	3	Professur für Public Policy for the Green Transition (Prof. Egli) Lecturer: Prof. Egli
Elective Modules Area International Political Economy (Minimum 6 ECTS)					
SOT86200	International Development, Poverty and Inequality	2 Se	2	3	Professur für Global Health (Prof. Steinert) Lecturer: Manzura Jumaniyazova
SOT86105	Global Political Economy	2 Se + 2 Se	4	6	Lehrstuhl für European and Global Governance (Prof. da Conceição-Heldt) Lecturer: Prof. da Conceição-Heldt
POL61406	Advanced Topics in Comparative and International Political Economy	3 Se	3	6	Lehrstuhl für International Relations (Prof. Büthe) Lecturer: Dr. Tobias Rommel
SOT86903	Cybersecurity in Social Science Research	2 Se	2	3	Professur für Global Security and Technology (Prof. Paula) Lecturer: Fabiola Schwarz
Specialization Sustainability					
Elective Modules					
SOT86760	Student Challenge: Sustainable Smart Cities	2 Se	2	6	Professur für Policy Analysis (Prof. Wurster) Lecturer: Prof. Wurster
SOT86750	sustAinability	4 Se	4	6	Professur für Policy Analysis (Prof. Wurster) Lecturer: Helene von Schwichow
SOT86103	Innovation and Public Policy for Sustainable Mobility	2 Vo + 2 Ue	4	6	Professur für Mobility Policy (Prof. Loder) Lecturer: Prof. Loder, Vincent Wessling
POL62100	Civil Society and Technological Change	2 Se + 2 Se	4	6	Lehrstuhl für Umwelt- und Klimapolitik (Prof. Schreurs) Lecturer: Dr. Theresa Jedd
POL62300	Multi-Level-Governance	2 Se + 2 Se	4	6	Lehrstuhl für Umwelt- und Klimapolitik (Prof. Schreurs) Lecturer: Dr. Dörte Ohlhorst, Dr. Florentine Koppenborg
SOT86067	Climate Finance	2 Vo + 2 Ue	4	6	Professur für Public Policy for the Green Transition (Prof. Egli) Lecturer: Prof. Egli

Course Offerings
Master's Program Politics Technology
Summer Semester 2025
(Cohort from WS 2023/24)

POL60102	Science Communication and Public Engagement	2 Se	2	3	Prof. Dr. Jeanne Rubner
SOT86106	AI Applications in Non-Governmental Organizations	2 Se + 2 Ue	4	6	Professur für Societal Computing (Prof. Papakyriakopoulos) Lecturer: Dalia Yousif Ali
SOT86111	Sustainability and Development: Policies, Impacts and Research Methods	3 Se	3	3	Professur für Public Policy for the Green Transition (Prof. Egli) Lecturer: Prof. Egli