COURSE DETAIL

SCIENCE, TECHNOLOGY AND INTERNATIONAL RELATIONS
Country China
Host Institution Tsinghua University
Program(s) Tsinghua University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Political Science
UCEAP Course Number 140
UCEAP Course Suffix
UCEAP Official Title SCIENCE, TECHNOLOGY AND INTERNATIONAL RELATIONS
UCEAP Transcript Title SCI TECH & INT RELT
UCEAP Quarter Units 3.00
UCEAP Semester Units 2.00

Course Description

Science and technology (S&T) permeate everyday international exchange and increasingly drive change in international relations in complex ways. The criticality of competition in S&T at all levels of international interactions warrants systematic study from social science perspectives. This graduate seminar studies key aspects in S&T affecting the broad notion of International Political Economy, with China being an actor and factor, in the contemporary world. The substantive focus of this course is on how S&T manifests in diplomacy, international laws and norms, economic growth, trade, sustainable development and geopolitical risk assessments. The course invites students to appreciate and analyze these complexities through situating the role of S&T in examples include environment, health, manufacturing technology, energy, and AI. The course draws heavily on recent research to showcase how social scientists and policy-makers have evaluated and navigated debates over the interplay between S&T and international relations.

Prior knowledge about a particular topic covered in the syllabus is not required. The course will introduce basic concepts required for understanding the issues covered. The load of required readings is deliberately kept low to incentivize comprehension and questioning before the class meeting so that students from diverse backgrounds can have as much of a common plate to relate with each other during class.

Upon completing the course, participants can expect to have enriched knowledge base and appreciation for the scientific and technological dimensions of the broader issues they are interested in. The main objective is to enable students to produce research on current topics by practicing critical thinking.

Language(s) of Instruction
English

Host Institution Course Number
80701562

Host Institution Course Title SCIENCE, TECHNOLOGY AND INTERNATIONAL RELATIONS
Host Institution Course Details
Host Institution Campus
Host Institution Faculty
Host Institution Degree
Host Institution Department
Course Last Reviewed 2023-2024

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