

Science and Society

Reims Winter School
2020 / January, 20-25

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A course to tackle the proliferation of *science - society* issues

Innovations in science and technology have become prominent in the organisation and functioning of modern society. Consequently, they raise a number of questions which cannot be answered by scientists only. Beyond the sole importance of science and technology policies, environmental, public health, food, security or sociotechnical issues call for a reassessment of the relations between science and society.

This quite new course aims to deal with these issues and is lectured to the 1600-1700 students of Sciences Po College, across the seven campuses.

A Course about Knowledge Production

When everyone discuss ‘alternative facts’, it is important not to be naïve about the production of facts in our societies.

This course is based on *science and technology studies (STS)* and introduces students to the process of knowledge production through anthropological, historical and sociological approaches.

In this class, we won’t do science, neither focus on science or innovation policies, but we will learn how not to be daunted by, how to explore and analyze intertwined issues where the experts cannot always be trusted or disagree with each others; where boundaries between science and society are no longer visible.

Monday 20	Tuesday 21	Wednesday 22	Thursday 23	Friday 24	Saturday 25
9:30 - 12:30 Lecture 1	9:30 - 12:30 Lecture 2		10:30 - 12:30 Lecture 3	10:30 - 12:30 Lecture 4	10:00 - 12:00 Exam
13:30 - 15:30 Seminar 1 Gr EN 1-7 Gr FR 1-3	13:30 - 15:30 Seminar 2 Gr EN 7-13 Gr FR 4-6		13:30 - 15:30 Seminar 3 Gr EN 1-7 Gr FR 1-3	13:30 - 15:30 Seminar 4 Gr EN 7-13 Gr FR 4-6	
16:00 - 18:00 Seminar 1 Gr EN 8-13 Gr FR 4-6	16:00 - 18:00 Seminar 2 Gr EN 1-6 Gr FR 1-3		16:00 - 18:00 Seminar 3 Gr EN 8-13 Gr FR 4-6	16:00 - 18:00 Seminar 4 Gr EN 1-6 Gr FR 1-3	

Science and Society 2020

Winter School Schedule on Reims Campus

Science and Society - Lecture (10 hours)

5 main concepts shared on all Sciences Po campuses:

institutions, techniques, controversy, expertise and epistemology

Programme for Reims Winter School:

Mon. 20, 09.30am-12.30pm **1 - The Gender of Science**

Tue. 21, 09.30am-12.30pm **2 - A Politics of Things**


Thu. 23, 10.30am-12.30pm **3 - Rethinking Expertise through Controversies**

Fri. 24, 10.30am-12.30pm **4 - Environmental Social Sciences**

Seminars (8 hours)

You will choose and explore in depth one of the thematic files proposed (sometimes assembled) by your seminar teacher.

You will have to read the materials before each session, and then work in groups on the analysis of the documents. You will be able to discuss them in small groups with your teacher, and then to reconstitute debates in front of your peers.



SCIENCE AND SOCIETY

GLYPHOSATE CONTROVERSIES
The Production of Risk Assessment Expertise in Europe

a corpus constituted by Thomas Tari

FORCAST
Formation par la Cartographie de Controverses à l'analyse des sciences et des techniques

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Science and Society - Pedagogical Team

13 Classes in English:

- Raphaël Danino-Perraud
- Simon Gérard
- Laurène Le Cozanet
- Théo Leschevin
- Germain Meulemans
- Inès Mosgalik
- Thomas Tari

6 Classes In French:

- Valérie Arnholdt
- Benjamin Raimbault
- Pierre Robicquet

Evaluation (3 credits)

1/ individual exam

50% of the final grade, **2 hours**

You will have to analyse a corpus of documents, following the method used during the seminars and mobilising the concepts acquired through the lecture. You choose one of the two topics (corpus in English or in French) and write in your favorite language. Paper notes accepted.

On **January 25 (Saturday)**

2/ collective report (groups of ~3 students)

50% of the final grade

~ 10 pages (+references)

An inquiry on a 'science and society' controversy/subject of your choice (validation with your seminar teacher). You have to build the research corpus on which you can apply the methods acquired through the exploration of the thematic corpus during seminars.

Deadline : **February 13 (Thursday)**

Being a student at Sciences Po isn't anymore only about studying 'political science', then what does the "Sciences" stand for? It could mean being able to rethink the relationships between our societies and the production of facts.