

What on earth is „TeSS“?

If you ever wanted to know how

- scientific knowledge comes into the world
- facts are substantiated
- science and technology are entwined
- what role society as a whole and politics in particular play

then you should go for TeSS

**TeSS is the study of the entanglement of
Technology, Science, and Society**



What do you get?



- Competencies in Science and Technology Studies (STS):
 - canopy of theories
 - range of methods
- Moving confidently in interdisciplinary contexts
- International and interdisciplinary network
- Learning in a community of practice

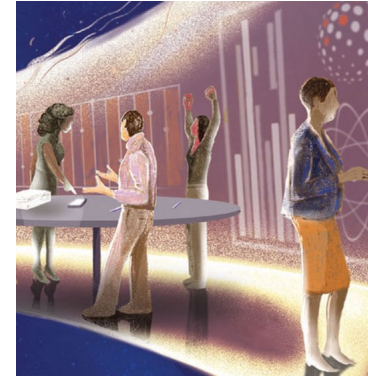
Certificat of Advanced Studies (CAS)
„Technology for Society“

Why might this be useful?



- Acting responsibly
- Designing processes to prevent or mitigate conflict
- Coordinate collaboration across different knowledge cultures
- Career as a researcher who tackles disciplinary questions from a meta-perspective

TeSS in a changing science-society relationship environment



- Science **and** Society, 2001
- Science **in** Society, 2007, 2 pathways of dialogue
- Science **for** Society and with Society, RRI (Rome Declaration, 2014): "...the on-going process of aligning research and innovation to the values, needs and expectations of society."
- Multi-actor approach. Consolidation of RRI?



Who is addressed?



- Students at BTU interested in the cultural and epistemological dimensions of technology and science (MINT, ERM, Architecture, WHS)
- Students from other universities, particularly those in the context of ERASMUS+ or EUNICE
- Advanced BA- as well as MA-students
- Training for education professionals

What is the structure?

- in total 36 ECTS (2 semesters or more)
- 2 modules mandatory (6+12) all the rest compulsory elective
- starts every autumn
- close cooperation with colleagues from several BTU faculties
- Blended Learning: online, hybrid and face-to-face meetings
- Problem-based Learning: study project and final event
- Courses mostly in English, German possible (max. 30%)



1st sem. - 18 CP

6

Un/disciplining Knowledge
(mandatory course)

6

Further elective courses, e.g.:
Anthropos in the Anthropocene,
Applied Art History and
Museology, Digitalisation and
Sustainability, Planning in
International Context

6

Courses Textlab, language and
media competencies, scientific
writing, empirical methods etc.

2nd sem. - 18 CP

Further elective courses,
see module catalogue

6

12

Study Project
(mandatory course)
Methods: problem-based
learning, creative and
experimental techniques
Forms: Preparing/Organizing
Workshops, Exhibitions;
Participating in Summer
School, Excursions etc.



Problem-based learning, creative and experimental techniques



- apply problem-based learning
- open to creative methods and perspectives
- touching practice based processes
by experimenting with design, art, video, sound
- develop exhibition and/or publication

Road Map



- Take off in WS 2022/23
- Probing the module catalog
<https://www.b-tu.de/en/fg-technikwissenschaft/tess/modulkatalog>
- In situ event in summer
summer school/workshop/exhibition/excursion
- Gradual adaptation towards online teaching
(recent prototype also with presence and hybrid courses)
- Opening module catalog to courses from other universities
- Further information
<https://www.b-tu.de/en/fg-technikwissenschaft/tess>
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<https://www.b-tu.de/weiterbildung/fuer-fach-fuehrungskraefte/technology-science-and-society>