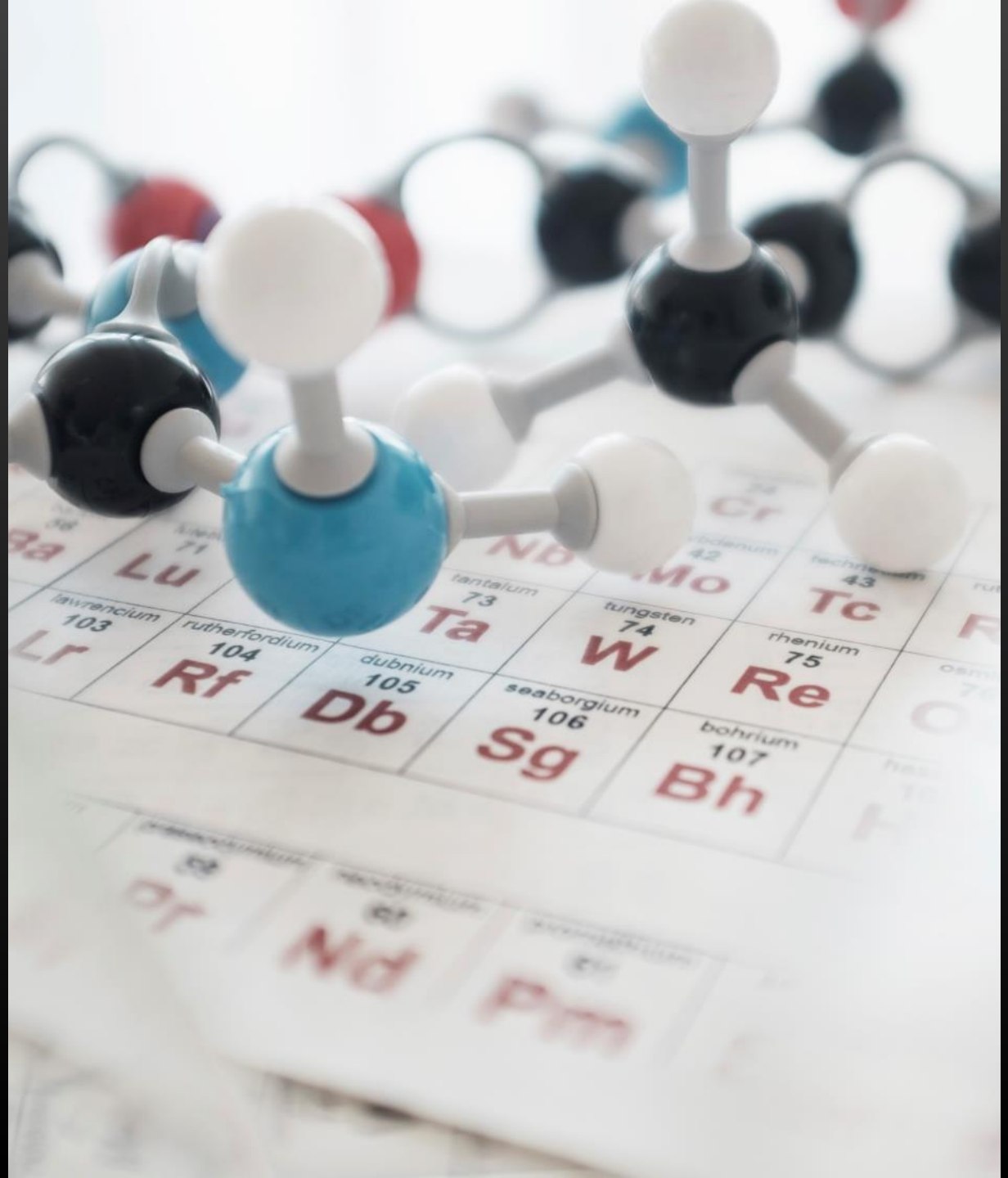
SCIENCE TECHNOLOGY SOCIETY

HM 216

AUTUMN 2023



UNITS

The Three Units of the Course

Jens Martensson

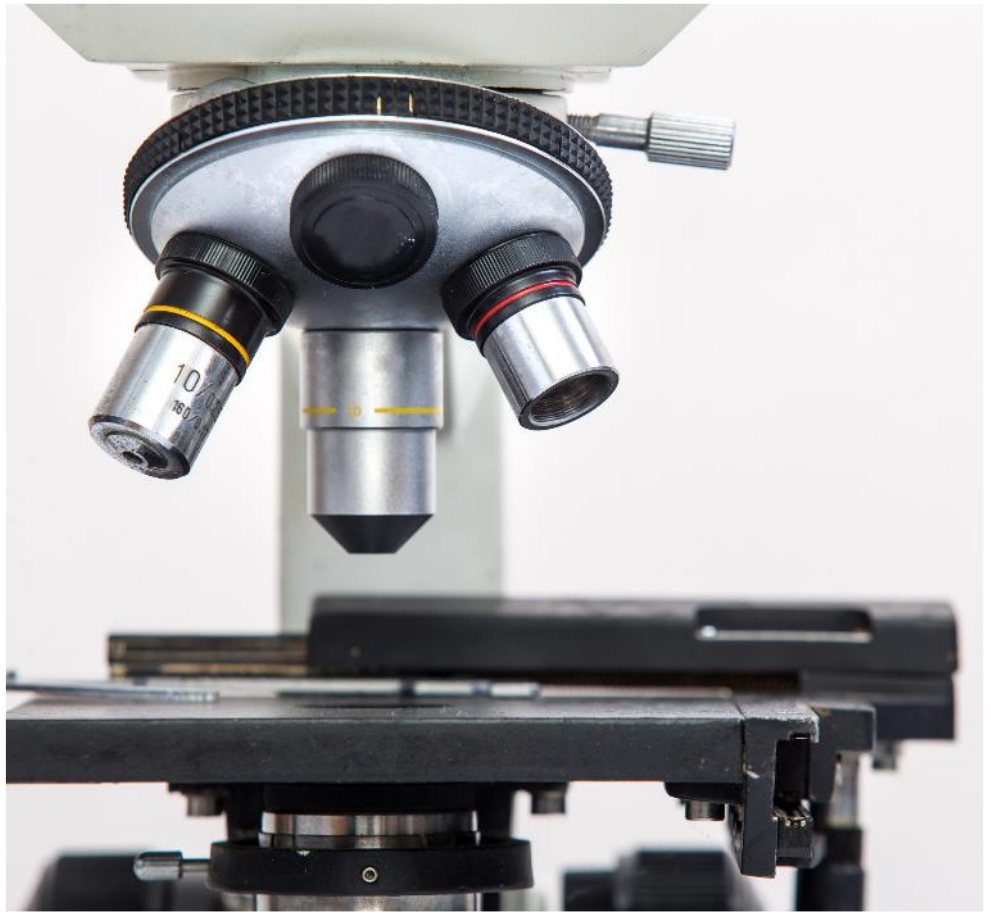
UNITS

I- III

UNIT I Introduction: STS as a Field of Study

UNIT II Engendering Science & Technology + The Question of Big Data & AI

UNIT III Group Projects + Presentations (to run concurrently with Units I&II)



Jens Martensson

evaluation

Tasks

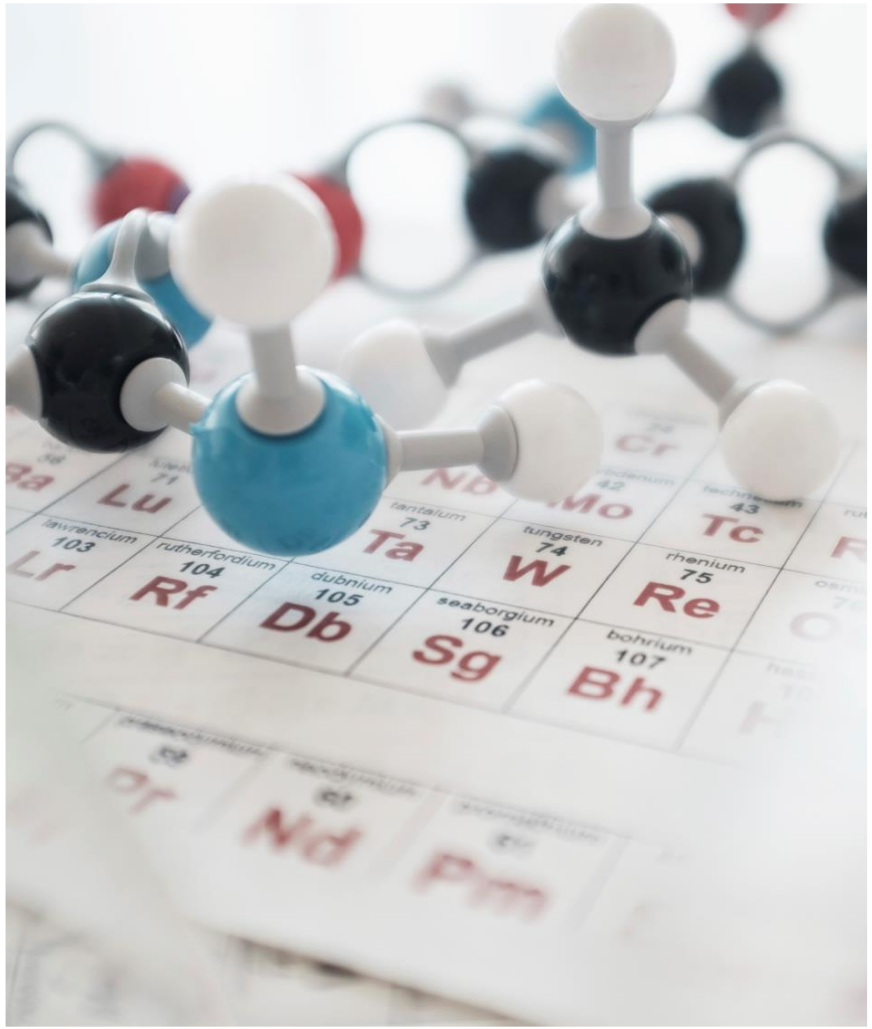
Marks

Task: Total Marks

Project : 70

- **Task 1: 20**
- **Task 2: 20**
- **Presentation: 5**
- **Response to Questions: 5**
- **Questions in Other Presentations: 5**
- **Viva: 15**

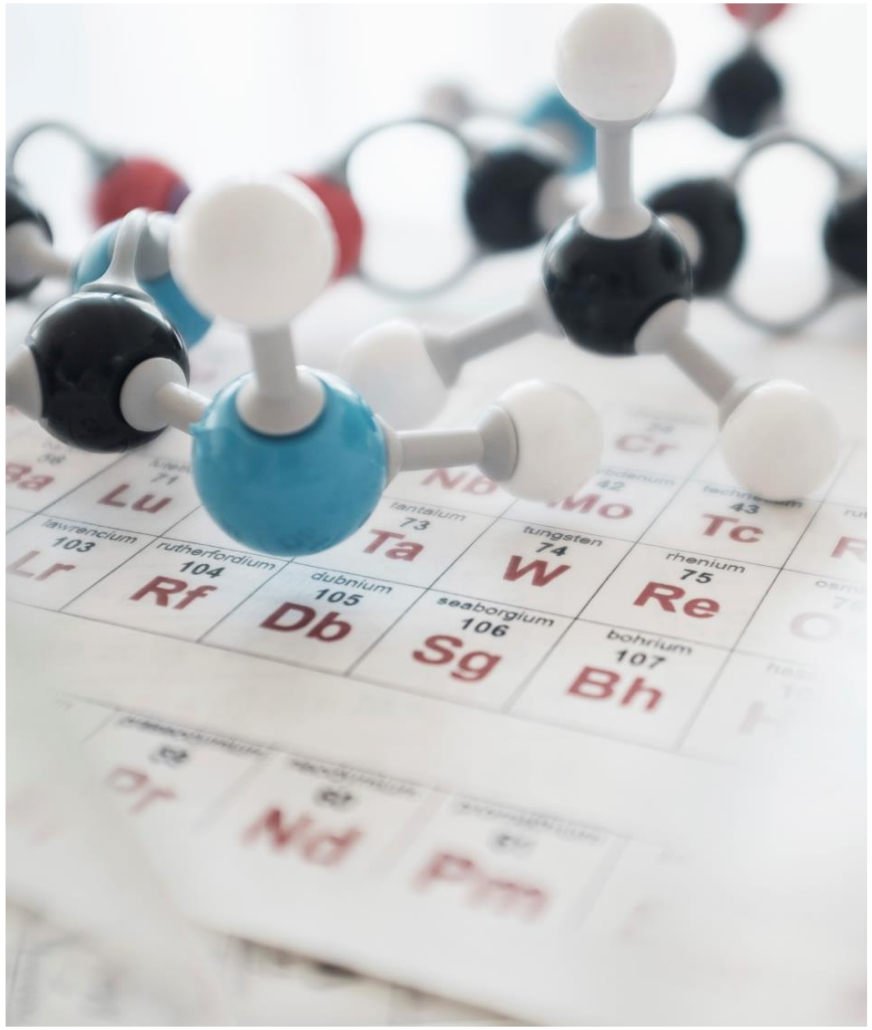
Final Exam: 30



Jens Martensson

Grading Policy

- **Grading will be *relative* <u>but</u> the highest grades will be given in comparison with the performance of previous batches.**
- **Students who do not participate in Tasks 1&2 will be marked down, on the information of Group Leaders. If there are medical reasons for your lack of participation, you need to inform the Group and your TA *in advance*.**
- **Less than 75% attendance will lead to the loss of a grade**
- **Plagiarism/copying/cheating will result in a failing grade**



Jens Martensson

About Projects

- **25 Groups: Random assignment, across sections**
- **25 Topics: To be Assigned by Us (Instructor + TAs)**
- **Groups and Topics to be Notified on Google Classroom Site by August 24**
- **Class (both Sections combined) on Projects: August 26 (Saturday)**
- **Each Group will make a presentation (in October) and will be asked questions by 2 groups (chosen by us) present in class. This will be followed by the Viva.**

Teaching Assistants

- **ADITI DAS (BTech): 202001259@daiict.ac.in**
- **DEEPAK KHATRI (MTech): 202311042@daiict.ac.in**
- **MUSTAFA LOKHANDWALA (BTech): 202101053@daiict.ac.in**
- **SAYAN MUKHERJEE (PhD): 201921006@daiict.ac.in**
- **SHASHANK UPADHYAY (BTech): 202101411@daiict.ac.in**

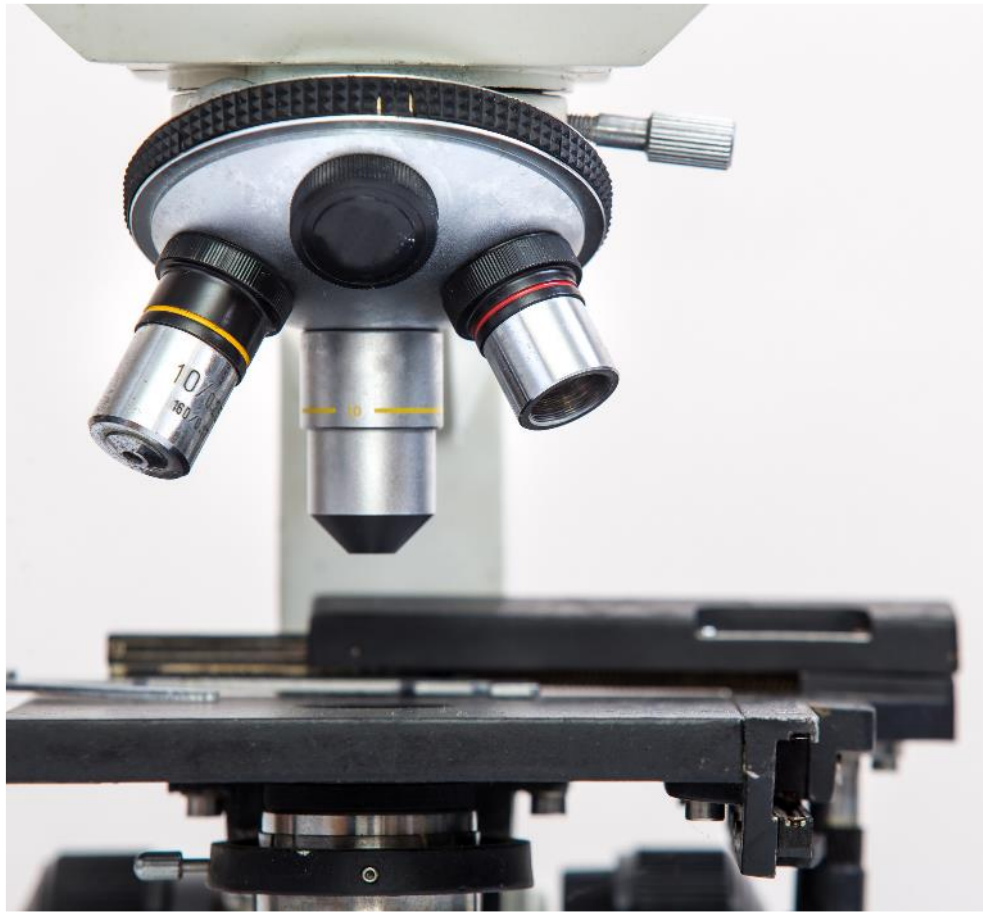
SCIENCE, TECHNOLOGY, SOCIETY

What is 'STS'/ 'Science and Tech Studies'?

… is a growing field of study around the world that seeks to understand how science and technology shape human lives and livelihoods, and how society and culture, in turn, shape the development of science and technology.

STS seeks to provide insights into the deep relationship between science and technology and such basic categories of social thought as race, gender, class, the environment, democracy and development, and human rights, by focusing attention on science and technology as social institutions.

Introduction to some of the key philosophical, sociological and historical approaches towards understanding the workings of science and technology in our times.



Jens Martensson

~~WOMEN~~ GENDER IN SCIENCE AND TECHNOLOGY

Move Over, Men: Women Were Hunters, Too

Anthropologists are finding that women in modern foraging societies have played a major role in catching game.

Gender and Science

Anthropology

In 1963, archaeologists in Colorado unearthed the nearly 10,000-year-old remains of a woman who had been buried with a projectile point. They concluded that the tool had been used not for killing game but, unconventionally, as a scraping knife. …

[In Peru in 2018]Among fragments of cranium, teeth and leg bones, archaeologists found a hunting kit with more tools — projectile points, flakes, scrapers, choppers and burnishing stones — than they had ever seen. This discovery led the team to review the findings from other burials in the early Americas; in 2020 they concluded that big game hunting between 14,000 and 8,000 years ago was gender-neutral.