

# Dep00W      Spring 2022

## Selected topics in history of science

### Syllabus and reading assignments

	Week 1
<u>17. 2. 2022</u> <u>Introduction: what is history of science</u>	
	Week 2
<u>24. 2. 2022</u> <u>Science in the early modern era:</u>	
	Week 3
<u>3. 3. 2022</u> <u>Science and technology in the modern era</u>	
	(Brno spring break)
	Week 4
<u>10. 3. 2022</u> <u>Science, technology and society in the 19th and 20th century</u>	
	Week 5
<u>17. 3. 2022</u> <u>Communicating science to the public</u>	
	Week 6
<u>24. 3. 2022</u> <u>Scientists as public figures</u>	
	Week 7
<u>31. 3. 2022</u> <u>Student presentation</u>	
	Week 8
<u>7. 4. 2022</u> <u>Student presentation</u>	

	(Easter)	Week 9
<u>14. 4. 2022</u>	Student presentations	
		Week 10
<u>21. 4. 2022</u>	Student presentation	
		Week 11
<u>28. 4. 2022</u>	Student presentation	
		Week 12
<u>5. 5. 2022</u>	internship week for most students -- no class	
		Week 13
<u>12. 5. 2022</u>	internship week for most students -- no class	

### ***Course requirements***

--- Lectures are not compulsory, the presentations described below are. If it is indeed unavoidable, online presentations are possible, but not preferred. Come when you present yourself; and your fellow students will certainly appreciate if you come when they present. Please, chose a date – 8 students per week.

---- If all else fails, a written assignment (essay) on a history of science topic may be a substitute.

--- Each student will give a presentation on a chosen topic. The topic may be chosen by the student or will be suggested during the first six weeks.

#### **Some possible topics:**

--- life and work of a scientist of choice (Mendel is a popular theme, but therefore hard to present)

--- a story of a dispute between scientists / scientific debate (e. g. disputes about the solar system, acceptance of Darwinism, etc.)

--- discoveries (chemistry: new elements; physics: new particles)

--- attempts to make our knowledge systematic (Linné, Mendeleev)

### **Length and structure**

--- Your presentation should be at least 3, but no more than 8 minutes long. Ideal length: 5 mins.

--- State your aims, explain why you chose the topic, and what your sources were.

--- Say what you have learned from that story. How does it enrich your views in general?