



What BSc Students Need to Know About Science

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Budapest Declaration on Science and the Use of Scientific Knowledge, July 1999

- “Science curricula should include science ethics, as well as training in the history and philosophy of science and its cultural impact.”

Philosophy of science courses for BSc students in Denmark

- Mandatory core element of all Bachelor programs at Danish universities since 2004 (adopted December 2000)
- Designed to provide students with “a broad, general perspective of their subject”



Science students say: “As a professional, I will need to have a broad, general perspective of my profession to be able to make important, relevant and ethical decisions.”

Margrethe Vestager, Minister of Education, 2000

Aspects of “a broad, general perspective” needed for all kinds of science students and science professionals

- How do I deal with ethical problems in relation to my subject and future work?
- Why do my field of study and my career opportunities look the way they do?
- How do I act responsibly in the course of my studies and my professional life?
- How can I respond to political issues related to my subject?
- What's my role as a science professional in ongoing public controversies?
- ... Please give me your input ☺

Teaching “a broad, general perspective” to BSc students

- What does it all matter to me?
- Ethical aspects of science-related issues
- Historical outlook
- Responsible conduct of research
- Social responsibilities of science
- Research and education policy
- Economic and legal aspects of science
- Science-based issues in public debate, science as culture
- ... Please give me your input ☺