

The social dimension of science - Tomasz Zgoła

Aims of the course:

1. Acquiring knowledge on legal, ethical and other important determinants of scientific activity.
2. Acquiring knowledge on the principles of disseminating the results of scientific activity, including issues related to the popularization of knowledge.
3. Expanding skills in presenting research results and conducting scientific and popular science discussions.
4. Expanding skills in the field of planning in a methodically correct way of popularizing activities and their implementation with the use of modern methods and tools.
5. Learning about the principles of conducting scientific activity in accordance with the ethical principles of scientific work and interpersonal relations.
6. Preparation for fulfilling social obligations, especially in the field of initiating activities for the public interest, including: through proper dissemination of scientific achievements in the community.
7. Preparation for undertaking activities leading to the development of a civic society based on knowledge.

Course contents:

1. Argumentation in a scientific discussion.
2. Recognition and discussion of social determinants of popularization of knowledge.
3. Preparation and presentation of a scientific concept in the form of workshops popularizing knowledge in various groups of recipients (children, adolescents and adults).
4. The Nuremberg Code - implications for ethically responsible research work.
5. Defining the language of communication for various groups of recipients.
6. Scientific argumentation and pseudoscientific argumentation - analysis and discussion in relation to selected examples.
7. Guidelines for ethical scientific communication.