



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Sociology [S2MwT1>PS-Socj]

Course

Field of study

Mathematics in Technology

Year/Semester

1/2

Area of study (specialization)

Modelling in Technology

Profile of study

general academic

Level of study

second-cycle

Course offered in

Polish

Form of study

full-time

Requirements

elective

Number of hours

Lecture

30

Laboratory classes

0

Other (e.g. online)

0

Tutorials

0

Projects/seminars

0

Number of credit points

3,00

Coordinators

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Lecturers

Prerequisites

The student knows the basic concepts associated with the mechanisms of social behavior. The student has the ability to perceive, associate and interpret basic phenomena occurring in social relations. The student is aware of the importance of sociological mechanisms in professional and private life.

Course objective

The goal is to develop skills: explaining and predicting social behavior, and also naming structures and processes that shape social life.

Course-related learning outcomes

Knowledge:

1. has detailed knowledge necessary to understand the social and non-technical determinants of engineering activities; understands the impact of social and civilizational changes on society's lifestyle

Skills:

1. can formulate and solve engineering tasks or research problems to see their non-technical aspects
2. is aware of the importance of team effort for the success of various ventures, is able to interact with

other people as part of team work and manage team work

3. is able to independently acquire knowledge and develop professional skills, independently designs the path of education and consistently strives to implement it, as well as is able to orient others in this regard

Social competences:

1. is aware of the role and importance of knowledge in solving cognitive and practical problems

2. is aware of the importance of intellectual honesty in own and other people's actions; is ready to demonstrate reliability, impartiality, professionalism and an ethical attitude

3. is aware of the social role as a graduate of a technical university, is ready to pass on popular science content to the public and to identify and resolve basic problems related to the field of study

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

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- Formative assessment: Discussions summarizing individual issues, giving the student the opportunity to assess the understanding of the problem; written assignments checking the degree of mastery of the current material. The points obtained in this way are added to the points from the test.

- Final grade: Written test of the subject, closed questions test

Programme content

1. Sociology as a scientific discipline; subject of sociology, relation of sociology to other social sciences, Theoretical and empirical foundations of sociology as a separate science. Methods and techniques of sociological research, main research tools.

2. Man as a social being; the concept of socialization, the stages of socialization (primary, secondary), family peer groups, mass media etc. as factors of socialization. Social roles, bonds, social relations.

3. Micro and macro social structures. Types of social groups, factors enabling the functioning of groups. The family as a small group and social institution. Collective behavior, crowd behavior, audience.

4. Social control mechanisms, social impact (rules and tactics of influence), social engineering.

5. Social conflict. Theories of Conflict. Causes, conflict typology. Styles for resolving conflicts between groups (dominance, cooperation, etc.), ways to resolve conflicts (including negotiation, mediation, arbitration).

6. Sociology of morality; examining the morality of social groups. Moral norms, deviations, social sanctions of violation of norms. Absolutism and relativism as a position on the scope of moral norms.

7. Social inequalities. Definition and mechanisms of stereotypes, discrimination and prejudice. Marginalization. Gender in social stratification. Sexual roles, socio-cultural sex, gender discrimination, feminism

Course topics

none

Teaching methods

Lecture with elements of seminar, discussion, work based on prepared materials

Bibliography

Basic

1. Babbie E. (2007), *Badania społeczne w praktyce*, Warszawa, PWN

3. Goldman N. (2001), *Wstęp do socjologii*, Poznań, Wyd. Zysk i S-ka

Additional

1. Aronson E. (2005) *Człowiek- istota społeczna*, Warszawa, PWN

2. Cialdini R. (2010) *Wywieranie wpływu na ludzi*, Gdańsk, Gdańskie Wydawnictwo Psychologiczne

3. Kożusznik B. (2005) *Wpływ społeczny w organizacji*, Warszawa, Polskie Wydawnictwo Ekonomiczne

4. Siemieniak P. Łuczka T. (2016) *Przedsiębiorczość kobiet. Wybrane aspekty ekonomiczne i psychokulturowe*, Poznań. Wyd. Politechniki Poznańskiej

5. Siemieniak P (2011) *Self-presentation dilemmas of women on managerial positions in the context of gender stereotypes*. Poznań, Wyd. Politechniki Poznańskiej

4. Szacka B. (2008), Wprowadzenie do socjologii, Warszawa, Oficyna Naukowa.

Breakdown of average student's workload

	Hours	ECTS
Total workload	75	3,00
Classes requiring direct contact with the teacher	30	1,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	45	2,00