



## **Bibliography of literature**

# A. Literature required to pass the course

Scientific publications / books on the discussed issues - a list updated and given during lectures

# **B.** Extracurricular readings

Selected individually by the student depending on the selected issues

#### Knowledge

- 1. defines and presents modern technologies.
- 2. describes, illustrates and explains functioning of modern technologies.
- 3. characterizes the basic parameters of modern technologies work.
- 4. uses the basic technological and chemical concepts describing the process of obtaining catalysts, radioactive isotopes, biohydrogen, photovoltaic cells, API and lithium-ion batteries.
- 5. discusses the advantages and disadvantages of the production and use of energy from renewable sources.

# Skills

In a clear way, both in speech and in writing, present correct technological reasoning

## Social competence

- 1. understands the functioning of modern technologies
- 2. understands the importance of further education
- 3. is aware of the dangerous caused by degradation of the natural environment and understand the importance of the improving technology.
- 4. Student demonstrates creativity in individual and teamwork and keeps open to the suggestions of the teacher and other team members.