

Why choose this study programme?

Graduates of this specialisation acquire the necessary training for the design, operation and maintenance of systems used in various industries, in enterprises and companies, in the conditions of environment protection and use of clean energy.

Other benefits:

- Good university infrastructure
- 10 places with no tuition fees
- Tuition fee - 2500 lei
- Online admission process
- Exchange programmes via Erasmus +

How to apply?

For more information regarding the admission procedures please visit our website: www.upet.ro or enrol directly on <https://admitere.upet.ro/>



SCAN ME

Find Us

Petroșani
University Street, no. 20
Hunedoara County
Romania, 332006



MASTER STUDY PROGRAMME

Responsible Consumption and Production

Master degree studies

This study programme is carried out in the framework of EURECA-PRO, a university alliance which aims to be a leader in research and innovation in the field of RESPONSIBLE CONSUMPTION AND PRODUCTION (RCP) and to become a global and interdisciplinary education center, based on common initiatives and objectives.

About the study programme

University: University of Petrosani

Faculty: Faculty of Mechanical and Electrical Engineering

Field of master study: Industrial Engineering

Master study program:

Responsible Consumption and Production (RCP)

Duration: 2 years (4 semesters)

Form of education: full-time

Teaching language: English

The total amount 120 ECTS

(30 ECTS credits per semester)

What will you study?

- modern concepts, models and methods that underlie the operation of industrial systems in the context of sustainable development;
- energy efficiency of industrial systems;
- designing, adjusting and operating environmentally friendly industrial installations, equipment and systems;
- applying the techniques of modelling, simulation and management of industrial processes;
- how to implement responsible consumption and production patterns.

Curriculum

The learning path will be flexible, including:

- mandatory courses
- electives
- free electives

Topics:

- Green Design and Manufacturing
- Smart Technologies
- Energy Efficiency
- Consumption and Production Patterns
- Sustainable Development
- Green Accounting
- Clean Energy
- Life Cycle Assessment

