



UNIVERSITY OF PETROȘANI
**INTERNATIONAL
PRESENTATION
GUIDE**

www.upet.ro/en/

ROMANIA

PETROȘANI



UNIVERSITY OF PETROȘANI
INTERNATIONAL PRESENTATION GUIDE

Content

The City and the University
About the University - History and Present Time
Education
Studies Offers
Doctoral School and Study Programmes
The Library
International Relations and Erasmus+ Office
Eurolanguage Linguistic Center
Romanian Language Preparatory Courses
Research
Campus Life
Students Organizations
Leisure Activities
Info
Find Us



PETROȘANI, ROMANIA

The City and the University



The Municipality of Petroșani, with a population of 42,187 inhabitants on July 1, 2011, is situated in central Romania in the southern part of Hunedoara County, at the confluence of the Eastern and Western Jiu; its administrative territory covers a surface of 19,556 ha, comprising the following villages: Slătinoara, Peștera Bolii, Dâlja Mare and Dâlja Mică.

Petroșani is located in the Jiu Valley, which is the entrance to the Retezat National Park and provides access to the Vâlcan, Parâng and Retezat mountains.

The municipality lies along two important national roads: DN 66, Târgu Jiu – Simeria, at the intersection with DN 66A Petroșani – Uricani – Câmpu lui Neag, which further extends to Herculane, and DN 7A, which connects it with the Olt Valley (Petroșani – Voineasa – Brezoi). It is also situated on the Simeria-Târgu Jiu-Filiași railway, being a connection point between Transylvania and Oltenia and the starting point of the railway to the municipality of Lupeni.

The Municipality of Petroșani is situated 350 km far Bucharest, the capital of the country, and 93 km far from Deva, the capital of Hunedoara County. Other important neighboring cities are: Târgu Jiu (55 km), Craiova (150 km), Timișoara (250 km), Alba Iulia (200 km), and Sibiu (220 km).

The relief of the area is typical for a depression, surrounded by mountains: the Parâng Mountains to the east, the Godeanu Mountains to the west, the Retezat Mountains to the north and the Vâlcan Mountains to the south. The town is situated at an altitude of 615–620 m, the highest altitude in the area being that of Parângu Mare summit, i.e. 2,519 m.

Our town is today a prestigious academic center that has trained, during **75 years of higher education**, 30,000 highly qualified specialists mainly for the mining industry, and, especially after 1990, for other fields of production, research, education and public administration as well. At the same time, the University of Petroșani is integrated into the international academic community sharing the European moral, educational, scientific and cultural values and collaborating with Universities in Europe, America, Asia and Africa.



PETROȘANI, ROMANIA 1956

About the University - History and Present Time



The University of Petroșani is a higher education institution that started its activity as "The Coal Institute - Faculty of Coal Deposits Mining and Processing", on December 7, 1948, on grounds of Decree no. 175/1948 for educational reform, and the October 1948 Decision of the Public Education Minister regarding the organization of higher education.

The setting up of the Coal Institute at Petroșani in 1948 represents a turning point in the social, economic and cultural evolution of the Jiu Valley. From a historical perspective, this institution has proved beneficial for the overall development of the region, as well as for the evolution of the Romanian economy at large, and of the mining industry in particular.

On the other hand, the Jiu Valley was one of the few industrial, highly urban areas in Romania, thus displaying the conditions for hosting such an institution. It was also a strong industrial center with top specialists, which provided a suitable framework for applied education.

The Mining Institute has had the mission to train graduate specialists for all the fields of activity specific for the mining industry, as well as for activities with mining character in other industrial branches, or in other branches such as: mining machines and installations, technological equipment, energetics and process automation. Besides the training of the staff necessary especially for the Romanian mining, the higher education institution in Petroșani specialized staff for the above mentioned fields for about 20 countries in Asia, Africa, South America, North America and Europe. Thus, in over 40 years of activity, the Mining Institute has trained more than 14,000 engineers and assistant engineers.

The diversification of study fields and programs of study in 1990 brought about major changes within the higher school in Petroșani and, consequently, technical education continues alongside with the emergence specializations in the field of economy, mathematics, social sciences and humanities, computer processing, and public administration. This will call for a successive change of names into the Technical University of Petroșani (1991) and the University of Petroșani (1995), which reflects both a management, and a content change.

The University of Petroșani was granted in 2015 the CERTIFICATE OF HIGH DEGREE OF CONFIDENCE, as a result of the institutional evaluation carried out by the Romanian Agency of Quality Assurance in Higher Education (ARACIS). Such performance allows our institution to hold one of the leading positions in the elite of Romanian higher education, in terms of the quality of didactic and research activities.

Education



At present, the University of Petroșani has fully implemented the **Bologna type European education** for two forms of instruction – day courses and distance learning – and for three study cycles. There are **22 undergraduate studies programs**, accredited or temporarily authorized; **21 accredited master studies programs** and **4 doctoral programs**.

These programs are organized developed within the following academic structures: the **Faculty of Mining Engineering**, the faculty of **Mechanical and Electrical Engineering**, the **Faculty of Sciences**, the **Department for Teaching Staff Training and Continuous Learning**, and the **Doctoral School**. The strategy of the development of academic programs stems from the necessity to establish links between the three pillars of the Bologna education system: Undergraduate studies – Master studies – Doctoral studies. The programs are meant to create compatibilities between these three components and the competences ensured on each segment are rooted in the local labour market requirements and in the graduates' capacity to reorient and adapt to the profound restructuring of the Romanian society in general and of the Jiu Valley in particular.

The Faculty of Mechanical and Electrical Engineering

Undergraduate studies programs

FIELD	PROGRAM OF STUDY	FORM OF EDUCATION
Computers and information technology	Computers;	Full Time

FIELD	PROGRAM OF STUDY	FORM OF EDUCATION
Electrical engineering	Electromechanics ; Data acquisition and instrumentation;	Full Time Full Time
Electrical engineering Industrial engineering Mechanical engineering	Industrial energetics; Machine building technology; Mining machines and equipment; Industrial processes equipment;	Full Time Full Time Full Time
Systems engineering Transports engineering	Automation and Applied Informatics; Transports and Traffic Engineering.	Full Time Full Time

Master studies programs

FIELD	PROGRAM OF STUDY	FORM OF EDUCATION
Computers and information technology Electrical engineering	Applied information techniques and technologies; Electromechanical systems; Operation of industrial electrical installations;	Full Time Full Time Full Time
Industrial engineering	Computer aided design and manufacturing;	Full Time
Mechanical engineering	Process installations and equipment in mining (in English language); Installations and equipment for mechanical processes;	Full Time Full Time
	Process installations and equipment in mining;	Full Time
Systems engineering Transports engineering	Information systems and technologies; Transportation Systems for Industry, Tourism and Services.	Full Time Full Time

Postgraduate programs

FIELD	PROGRAM OF STUDY	
Continuous training and professional development postgraduate programs	WEB design Operation of the railway transport system Applied informatics	Computer assisted technological engineering Machines and installations for the mining industry
Teaching staff professional conversion postgraduate programs	Electronics and automation Electro mechanics Technological education	Informatics Transportation

The Faculty of Mining Engineering

Undergraduate studies programs

FIELD	PROGRAM OF STUDY	FORM OF EDUCATION
Mining, oil, gases	Mining engineering; Mining survey;	Full Time
Civil engineering Environmental engineering	Mining constructions; Environmental engineering and protection in industry;	Full Time Full Time
Industrial engineering	Quality engineering and management Industrial safety engineering;	Full Time
Engineering and management	Engineering and business management	Full Time

Master studies programs

FIELD	PROGRAM OF STUDY	FORM OF EDUCATION
Mines, oil, gases	Sustainable Exploitation of the Mineral Resources (in English language); Computer-aided mining survey and cadastre;	Full Time Full Time Full Time
Civil engineering and installations Environmental engineering	Labour safety and health management; Mining constructions design engineering;	Full Time Full Time
	Management and environmental protection;	Full Time
	Environmental quality control and management;	Full Time
Engineering and management	Projects engineering and management.	Full Time

Postgraduate programs

FIELD	PROGRAM OF STUDY
Continuous training and professional development programs	Labour safety and health risk evaluator Product and services quality management Waste waters treatment Waste management

The Faculty of Sciences

Undergraduate studies programs

FIELD	PROGRAM OF STUDY	FORM OF EDUCATION
Management Finance Accounting	Management; Finance and Banking; Accounting and Information Management;	Full Time Full Time Full Time
Business Administration Administrative Sciences Sociology Social Work	Economy of Trade, Tourism and Services; Public Administration; Sociology; Social Work.	Full Time Full Time Full Time Full Time

Master studies programs

FIELD	PROGRAM OF STUDY	FORM OF EDUCATION
Finance	Financial and Banking; Management;	Full Time Full Time
Accounting Management	Accounting and Audit; Strategic Business Management; Human Resources Management;	Full Time Full Time Full Time
Sociology Administrative Sciences	Social Policies and Social Protection; Public Administration and Community Development.	Full Time Full Time

Postgraduate programs

FIELD	PROGRAM OF STUDY
Continuous training and professional development programs	Computerized Accounting Management of Products and Services in Credit Institutions and in Non-Bank Financial Institutions; Educational Management; Management of Sport Activities; Human Resources Management; Services Management in Public Institutions. Economics and Entrepreneurship; Trade, Tourism and Services.
Conversion programs for teaching staff in secondary education	



Doctoral School and Study Programmes



Doctoral research means both to solve current problems but, above all, it means to bring innovation that provides the technological leap needed for further development of science. Thus, tradition blends with the new areas of doctoral studies in the Doctoral School from the University of Petroșani.

University of Petroșani organizes doctoral studies in Engineering Sciences, in the following fields:

- **Mining, Oil and Gas**
- **Industrial Engineering**
- **Systems Engineering**
- **Engineering and Management**

The admission to doctoral studies can be attended by pre-Bologna university graduates with bachelor degree or Bologna graduates with both bachelor and master degree.



The Library



The Library was founded in 1948, concurrently with the setting up of the Coal Institute at Petroșani. The Central Library of the University of Petroșani provides a number of 200 seats in 3 reading rooms. The students can also access the available book fund of department libraries, either in a classic or in electronic format.

As a result of a constant effort to enrich its book fund, the Central Library of the University of Petroșani offers today over 304,000 volumes, corresponding to 90,970 titles. Of the total of volumes, 225,805 are books, 19,435 periodicals, 56,803 state standards, 1443 doctoral theses and 603 non - publications.

The fund of Romanian and foreign reference books ensures a number of copies sufficient to fully cover the disciplines in the curricula of undergraduate and graduate academic programs. Thus, there are 182,326 volumes of applied sciences; 63,437 volumes of exact sciences; 20,666 volumes of social sciences and humanities; 22,254 volumes of language and literature and 15,406 volumes in other fields (culture, religion, art, sports, geography, etc.).

The Central Library of the University of Petroșani also provides its users with a wide range of special collections. In order to stay in touch with the latest trends, the library holds subscriptions to foreign journals and ensures access to prominent international data bases. At the same time, it supports an intense publication exchange with numerous higher education and research institutions in the country and from abroad. The sources of the library can also be accessed on-line, from the university site. The on-line platform of the library is supported by 35 computers connected to the Internet.

The campus that covers about 10 ha accommodates today over 3,300 students, supervised by 145 faculty members with a high competence level in their specific teaching and research fields.

International Relations and Erasmus+ Office



INTERNATIONAL COLLABORATION AGREEMENTS:

- RWTH Aachen University (Germany),
- TU Bergakademie Freiberg (Germany),
- University of Technology Clausthal (Germany),
- Politecnico di Torino (Italy),
- Ecole Nationale Supérieure des Techniques et des Mines d'Als and Ecole Nationale Supérieure des Mines de Nancy (France),
- Technical University of Ostrava (Czech Republic),
- Silesian University of Technology Gliwice (Poland),
- Wrocław University of Technology (Poland),
- AGH University of Science and Technology Krakow (Poland),
- IIT Kharagpur (India),
- McGill University (Canada),
- Università degli Studi di Varese,
- Università di Trento,
- University of Miskolc (Hungary), University of Pécs (Hungary),
- University of Castilla - La Mancha, University of Valencia (Spain),
- Moldova's Technical University in Chişinău,
- Eindhoven University of Technology University of Eindhoven (Holland),
- Moscow State Mining University (Russia),
- University of Mining and Geology "St. Ivan Rilski" Sofia (Bulgaria),
- Kharkov State Polytechnic University (Ukraine),
- University of Zagreb (Croatia),
- Technical Faculty in Bor, University of Technology Beograd (Serbia),
- Assiut University și University of Cairo (Egypt),
- Technical University of Krivoi Rog (Ukraine),
- Technical University of Kosice (Slovakia),
- University of Ljubljana (Slovenia),
- Czestochowa University of Technology

Erasmus + Office within our University manages the Erasmus Program - European Community ActionS for the Mobility of University Students - the most important platform for mobility and cooperation in European higher education institutions. The program addresses both to students who want to study and/or to do practical training in Europe and to the academic staff who intend to teach or attend training sessions within universities and other partner institutions from all over Europe.

Under this European program, which aims to create and strengthen a dynamic European life-long-learning space, students and academic staff from the University of Petroșani take part, every academic year, to study or practical training, respectively to teaching or training mobilities in the European Union, contributing both to the internationalization of higher education at the societal level and to personal professional development, at the individual level, by acquiring new competences, skills and attitudes in their specific field of interest.



Eurolanguage Linguistic Center



This center functions in compliance with the linguistic standards of the European Union and the linguistic policy of the University of Petroșani.

The teaching staff and the modern multimedia laboratory equipment ensure the adequate language learning and testing conditions necessary for social and professional integration in a plurilingual and multicultural European context.

ELG Linguistic Center provides the following services for beneficiaries within or outside the university (individuals or companies): modern languages courses (English, French, Spanish), general language or ESP (business communication, computers, engineering), in compliance with the levels established by the European Framework for Languages; Romanian courses for foreign students; language testing and issuing of language competence certificates in general/specialized language; general/specialized translation and interpretation from/into English, French, and Spanish.

ELG also organizes, on request, intensive courses in English, French and Spanish or the ERASMUS outgoing recipients, and intensive courses in Romanian for incoming Erasmus recipients. During the Erasmus mobility program, incoming beneficiaries are assisted by the staff of the Center whenever it is necessary. At the same time, ELG carries out language tests (English, French, Spanish) and issues language certificates for the outgoing Erasmus recipients.

Romanian Language Preparatory Courses



The mission of this program is to provide foreign citizens with linguistic, social, and cultural competences meant to ensure their integration in the Romanian social, professional, and academic environment.

Attendants of the preparatory year have the status of students throughout their participation to the program, from registration to graduation. The students will acquire efficient oral and written communication in Romanian in compliance with the requirements of level B2 in the Common European Framework of Reference for Languages elaborated by the European Council. The preparatory year covers an academic year, namely two 14-week semesters. The preparatory year is allocated a number of 60 transferable credits (ECTS), equally divided between the two semesters. Participation to the second semester examinations is conditioned by the passing of the first semester examinations. A number of 10 credits are allocated to the final exam for the obtaining of the preparatory year certificate.

Research



Scientific research represents the main knowledge and innovation source, and the University of Petroșani has a real research potential.

The strategic objectives were defined by taking into account the ranking of our university and the objectives of scientific research at a national and international level, regarding tendencies, requirements, opportunities and exigencies. Special attention is paid to excellence, interdisciplinarity and international visibility.

Research activities at the University of Petroșani is mainly carried out by research teams consisting of faculty members, researchers, PhD candidates, students and external collaborators, in research centers and specific laboratories.

Experience has been accumulated through projects, grants and sectorial projects that are sustained by the research potential that should not be wasted. The new strategy is meant to ensure the maintaining of the positions in certain research fields, to make efficient use of the equipment acquired during the past years and to identify new pillars of research and innovation at regional, national and international level.

In this context, the University of Petroșani organizes the International Multidisciplinary Symposium "Universitaria SIMPRO" and other specific events, also being co – organizer of national and international conferences.

The dissemination of the research results in technical and economic fields is supported by such periodicals as the Annals of the University of Petroșani (Mining Engineering, Mechanical Engineering, Economics and Electrical Engineering), acknowledged by CNCS and included in international data bases.

The University of Petroșani is the editor of the renowned international journals Revista Minelor/Mining Revue, included in international data bases and acknowledged by CNCS and the "TRANSYLVANIAN JOURNAL OF MATHEMATICS AND MECHANICS"



Campus Life



Accommodation

The University of Petroșani has five dormitories:

- Dormitory No. 1 – double and triple rooms, accommodation capacity: 140 places;
- Dormitory No. 2 – double rooms, accommodation capacity: 160 places;
- Dormitory No. 3 – double rooms (two rooms per module), accommodation capacity: 150 places;
- Dormitory No. 4 – studios, accommodation capacity: 80 places;
- Dormitory No. 5 - studios, accommodation capacity: 80 places.

Cafeteria

The cafeteria has a capacity of 200 places, in two eating spaces, being equipped with modern appliances. It provides a diversified menu for breakfast, lunch and dinner, at attractive prices. The building can also be booked for the organization of different events. There are also two fast-food points : "Student Café" situated in Building "A" and "D". The dormitories also provide adequately equipped kitchens for preparing meals.

The sports complex

The Sports Complex of the University of Petroșani consists of:

- a turf field, equipped with running tracks, where the football and rugby teams of the university train for national competitions;
- a synthetic turf field for football and tennis-football;
- a bitumen field for football, tennis-football, basketball, handball;
- a cinder tennis court;
- a gym equipped with lockers, where tennis-football, basketball, handball, table tennis and aerobic can be practiced.



Students Organizations



There are three students organizations in our university:

- The University of Petroșani students league;
- The University of Petroșani students union;
- The Association of Basarabian students in Petroșani.

These organizations are represented at a national level and are meant to defend the rights of their members and to promote their professional, social, economic and cultural interests, to raise the standards of higher education, to ensure an active and constructive participation to faculty and university management.





Leisure Activities



The students in Petroșani can spend their free time by hiking or travelling to the touristic areas near the campus:

The Parîng Mountains	10 Km
The Corvini Castle	80 Km
Retezat National Park	25 Km
Deva Fortress	95 Km
Jiu Gorge National Park	5 Km
Valea de Pești	35 Km
Bușii Pass	45 Km
Straja Resort	20 Km
Jieț Pass	7 Km

These itineraries offer the possibility to visit historic monuments such as: Lainici Monastery, Prislop Convent, etc. Students can also spend their free time in clubs, discos or at lodges along the touristic itineraries. The campus itself provides unique conditions for outdoor activities, not to be found at any other university in the country.



All information and images in this material are property of the University of Petroșani and are protected by Copyright Law, all rights reserved. © 2019. Copying, altering, displaying, distribution, publication, selling, authorization or creation of derivative materials, as well as the use of this content for any purpose whatsoever are strictly forbidden without the written consent of the University of Petroșani.

Graphic Design
Alexandru BOGYE

Editor
Oana-Carmen RĂVAȘ

Photos
Lorand BOGDANFFY
Alexandru BOGYE

Info



Tel: +40 (254) 549 749
e-mail: mine@upet.ro



Tel: +40 (254) 549 011
e-mail: ime@upet.ro



Tel: +40 (254) 549 750
e-mail: stiinte@upet.ro

Find Us



Petroșani
University Street, no. 20
Hunedoara County
Romania, 332006
Telephone: +40 (254) 54 33 82
International Telephone: +40 (254) 54 90 09
rector@upet.ro
erasmusplus@upet.ro

www.upet.ro/en/

This project has been edited and funded with
the support of the project
CNFIS-FDI -2019-0423 #UpetIntPass

 **university of petrosani**

