

## CONTACT AND ADDITIONAL INFORMATION

University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering  
Pierottijeva 6, HR-10000 Zagreb, Croatia

For more information about the curriculum, courses, student life in Zagreb and anything else related to this study programme, please check out our website:

[www.petroeng-master-rgn.eu](http://www.petroeng-master-rgn.eu)

or contact the coordinator of the project Internationalization of the RGN Faculty, Assist. Prof. Borivoje Pašić

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Europska unija  
"Zajedno do fondova EU"



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#### Project coordinator:

University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering, Pierottijeva 6, Zagreb

#### Project partner:

Institute for the Development of Education (IRO), Trg Nikole Zrinskog 9, Zagreb

More information about the EU funds can be found on the official website of The Ministry of Regional Development and EU Funds: <https://strukturnifondovi.hr/en/>.

## STUDY

# PETROLEUM ENGINEERING

at the University of Zagreb, Faculty of Mining,  
Geology and Petroleum Engineering

Enroll in the first Croatian Master study programme in  
**PETROLEUM AND GEOENERGY  
ENGINEERING AND MANAGEMENT**



### WHY?

Other than living in the beautiful City of Zagreb and experiencing its great academic, social and cultural life, you will meet numerous experts in petroleum engineering, who will prepare you for new challenges in oil and gas industry expected in the 21<sup>st</sup> century. Geothermal energy, Carbon capture, utilisation and storage, Software application in reservoir simulation, Well planning, Oil and gas production, processing and storage, Energy transition are just a part of our new study programme.

### WHERE?

At the University of Zagreb, Faculty of Mining, Geology and Petroleum Engineering, the only faculty in the Republic of Croatia that operates in the field of mining engineering, petroleum engineering and geological engineering (technical sciences) and one of two faculties operating in the field of geology (natural sciences).

### WHEN?

From the academic year 2022/2023 onwards

The study programme has been developed as an outcome of the project Internationalization of the RGN Faculty (12.10.2018 – 12.10.2021), funded by European Social Fund.

Welcome aboard to our new 4 E graduate study programme:  
**Earth-Energy-Engineering-Environment!**



University of Zagreb  
**FACULTY OF MINING,  
GEOLOGY AND PETROLEUM  
ENGINEERING**



Institute for the  
Development of Education



The new programme will be implemented within the

# Department of Petroleum and Gas Engineering and Energy



- ✓ 12 professors, 7 teaching assistants and two laboratories: Wellbore fluids laboratory and Laboratory for routine and special-core analysis
- ✓ Its employees are contributing to several successful research projects, funded by EU Horizon2020 (HyStoRIES and Strategy CCUS), Croatian Science Foundation and Erasmus+
- ✓ Home of The Society of Petroleum Engineers – SPE Croatian Section (President's Awards for Section Excellence and two Section Excellence Awards) & University of Zagreb SPE Student Chapter
- ✓ Organizers of Petroleum Engineering Summer School (PESS, Dubrovnik) & Annual Student Energy Congress - one of the biggest student energy congresses in Europe

# Structure of new Study programme

**FIRST YEAR  
(60 ECTS CREDITS):  
COMMON TO ALL**



**SELECTION OF  
ONE MODULE**

Drilling and production engineering

Reservoir engineering

Geoenergy engineering and management



**MANDATORY COURSES**

**ELECTIVE COURSES**

**MASTER THESIS** (12 ects credits)

**PROFESSIONAL PRACTICE** (4 ects credits)

**NEW STUDY PROGRAMME WILL CONSIST OF THREE MODULES:**

- ✓ Drilling and production engineering
- ✓ Reservoir engineering
- ✓ Geoenergy engineering and management

## ADMISSION REQUIREMENTS

- **Bachelor certificate in the field of engineering**
- **Advanced English proficiency level:**  
IELTS Academic (minimum score 6.5 in all segments) or  
TOEFL ibt (minimum score 80) or  
TOEFL pbt (minimum score 550) or  
B2 (advanced) level on the CEFR scale.  
Tests must have been taken within the past two years and must not have expired during the application process.
- **Admission interview.**

