



FACULTY OF PETROLEUM REFINING AND PETROCHEMISTRY

MASTER PROGRAM:
CHEMICAL ENGINEERING FOR
REFINERIES AND PETROCHEMISTRY

MASTER DOMAIN:
CHEMICAL ENGINEERING



FACULTY OF PETROLEUM REFINING AND PETROCHEMISTRY



More than 7000 graduates



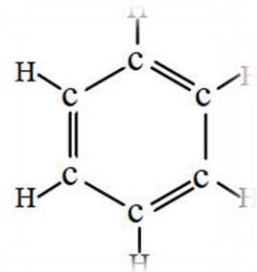
350 Bachelor students



130 Master students



20 PhD students



OUR PORTOFOLIO

Over 100 diplomas received by the students at different conferences



More than 30 laboratories for Bachelor



More than 30 academic staff

10 laboratories for research of Master and PhD students



7 researching groups



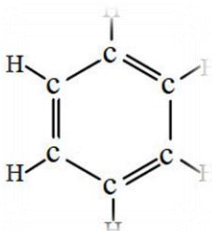
More than 4000 de citations in international data bases



More than 70 PhD thesis



More than 300 ISI publications



FACULTY OF PETROLEUM REFINING AND PETROCHEMISTRY



**7 million EURO investments in the infrastructure
and equipments for the programs of the faculty in
period July 2019 - March 2021**



CHEMICAL ENGINEERING FOR REFINERIES AND PETROCHEMISTRY



1.5 YEARS



90 ECTS



Language: English

CURRICULUM-CHEMICAL ENGINEERING FOR REFINERIES AND PETROCHEMISTRY



1st SEMESTER

- Raw materials and products in the petroleum refining industry
- Modern technologies for petroleum refining
- Lubricants and additives
- Technologies for alternative fuels manufacturing/Non-conventional separation processes
- Professional practice 1

2nd SEMESTER

- Petrochemicals and fine chemicals synthesis
- Modern analytic methods in the oil refining industry
- Process modeling, simulation and optimization
- Thermal integration, energy efficiency, and utility systems
- Bio-resources/Risk engineering in petroleum processing industry
- Professional practice 2



CURRICULUM-CHEMICAL ENGINEERING FOR REFINERIES AND PETROCHEMISTRY



3rd SEMESTER

- Chemical plant design and economics
- Project management in the chemical industry
- Dynamic simulation and advanced control systems for chemical processes
- 3D plant design in the chemical industry
- Ethics and academic integrity
- Practice for elaboration of dissertation

Dissertation



Library



Opportunities for our students



7 dorms



1500
places in
our dorms



Rooms with 1, 2,3, 4 places



A canteen with
more than 350 sits

Opportunities for our students - scholarships



Students can benefit from the following types of scholarships:

- a) scholarships for stimulating performance, which are distributed according to the internal regulations of the universities and which can be divided into merit scholarships and performance scholarships,
- b) social scholarships, for the financial support of low-income students,
- c) scholarships from budgetary allocations or extra-budgetary own revenues of the Petroleum-Gas University of Ploiești,
- d) scholarships based on a contract with economic operators.



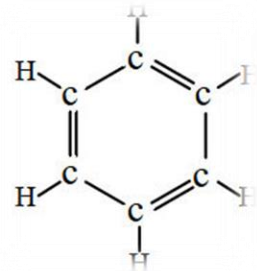
Opportunities for our students - Abroad mobility

- The Department of International Relations supports the permanent interest of the Petroleum-Gas University of Ploiești in the direction of developing the collaboration with foreign universities with over 20 signed agreements.
- Carrying out European programs dedicated to student mobility such as Erasmus, Erasmus Mundus, Comenius, Leonardo da Vinci.⁽²⁾

20 countries:



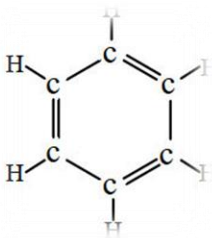
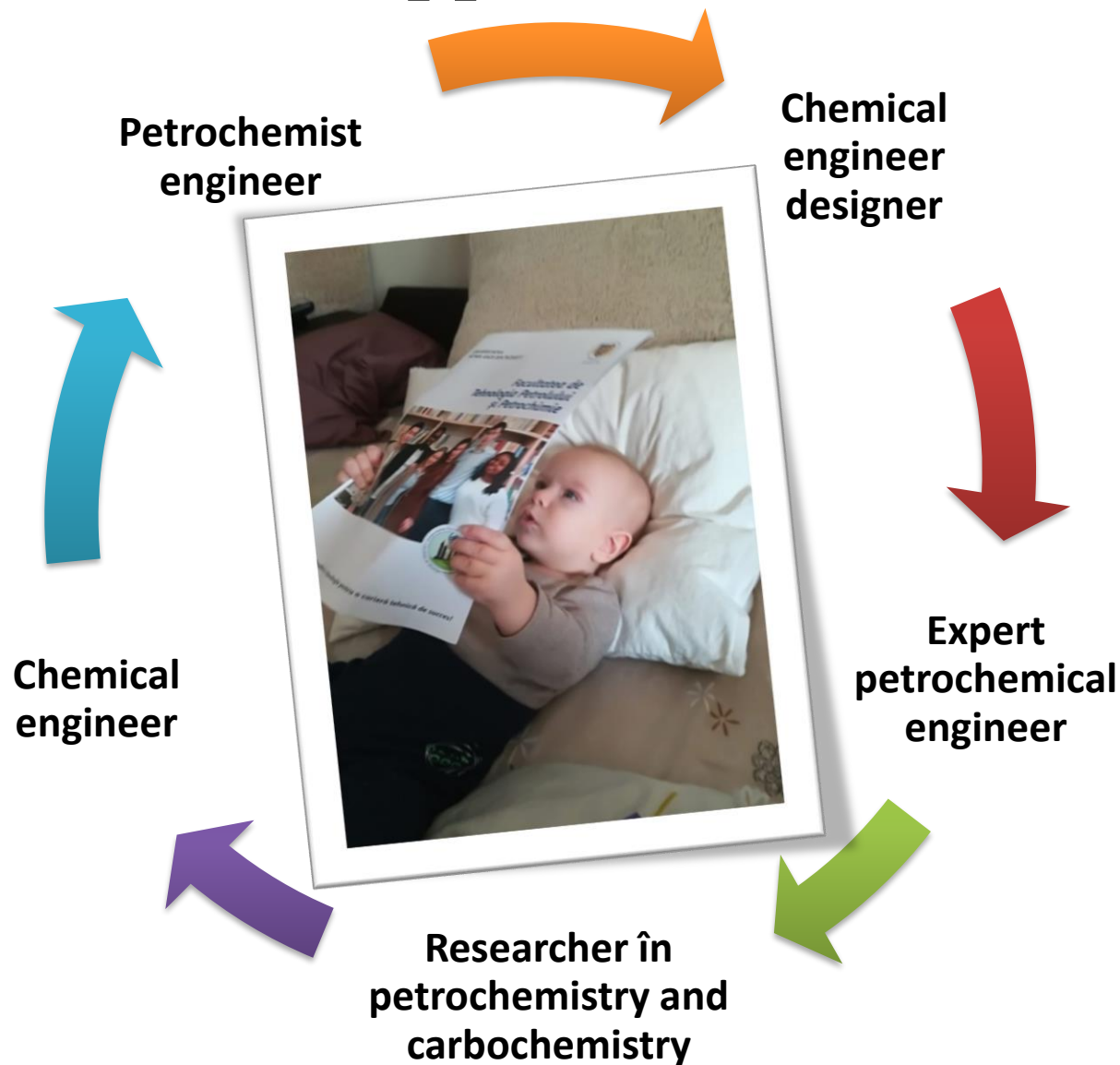
Opportunities for our students



Opportunities for our students



Career Opportunities





Come to study @ TPP!

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