## **NEW OPPORTUNITY – JOINT STUDY PROGRAM**

## University of Warmia and Mazury in Olsztyn and University of Applied Sciences in Offenburg

The Faculty of Environmental Sciences and Fisheries (University of Warmia and Mazury in Olsztyn) and the Faculty of Mechanics and Engineering (University of Applied Sciences in Offenburg) invite graduates of engineering faculties in areas such as: biotechnology, chemical processes, environmental protection, environmental engineering for a master's degree course in environmental protection, environmental engineering and biotechnology.

These are three-semester courses with English as the lecturing language. Courses start in the winter semester. The first semester is spent in Offenburg, the second in Olsztyn. In the third semester students may choose their college of study. Successful completion of the three semesters will lead to the award of a diploma of the University of Warmia and Mazury in Olsztyn and the University of Applied Sciences in Offenburg.

Places on this course are limited to 10. Applications should be submitted to the Department of Humanities Building, ul. K. Obitza 1, Olsztyn-Kortowo, Poland. Opening hours: 8.00 a.m – 4:00 p.m. (telephone contact: +48 089 524 5032).

Prerequisites and qualification criteria: undergraduate program results.

## Documents to be submitted:

- 1. Application form,
- 2. Secondary school certificate,
- 3. Undergraduate course certification,
- 4. Copy of the identification card (pages 1 and 2),
- 5. Copy of enrollment fee receipt.

Bank account: Bank PeKaO S.A. Oddział Olsztyn 41 1240 1590 1111 0000 1452 5650

UWM Bank PKO BP Oddział Centrum w Olsztynie 77 1020 3541 0000 5902 0014 4048

Enrollment fee, Faculty of Environmental Sciences and Fisheries

For more information please telephone: +48 89 523 41 31, 523 41 18

or write:

Dr. Irena Wojnowska-Baryła, irka@uwm.edu.pl Dr. Katarzyna Bernat, bernat@uwm.edu.pl

## Master's degree schedule

| Semester | Module   | ECTS                            | Course   |
|----------|--|---------------------------------|--|
| 1        | Geotechnics <sup>1</sup>   | 10 <sup>1</sup> 10 <sup>1</sup> | Environmental Informatics                                  |
|          |  |                                 | Soil Decontamination/Disposal Site Engineering             |
|          |  |                                 | Sustainable Energy Systems                                 |
|          | Simulation and Visualisation<br>of Biotechnical Processes <sup>1</sup> |                                 | Dimensioning Fermenters                                    |
|          |  |                                 | Flow Simulation  |
|          |  |                                 | Technical School: Fermentation <sup>2</sup>                |
|          |  |                                 | Technical School: Fluid Mechanics <sup>2</sup>             |
|          | Thermal Treatment <sup>1</sup>   |                                 | Incineration and Vitrification                             |
|          |  |                                 | <b>Technical School: Thermal Treatment</b>                 |
|          |  |                                 | Sustainable Process Engineering                            |
|          | Chemical Engineering   | 10<br>6                         | Technical School: Chemistry                                |
|          |  |                                 | Technical School: Technical Chemistry                      |
|          |  |                                 | Safety Engineering   |
|          |  |                                 | Water Processing   |
|          | Business and Public<br>Relations                                       |                                 | Technology and Society                                     |
|          |  |                                 | Public Relations   |
|          | Process Control Engineering  | 4                               | Process Control Engineering                                |
| 2        | Analytical Training  | 7                               | Analytical Training  |
|          | Analytical Methods<br>in Biological Systems                            | 7                               | Analytical Methods in Biological Systems                   |
|          | Writing Scientific Papers  | 4                               | Writing Scientific Papers                                  |
|          | Environmental Protection   | 6                               | Biotechnology in Environmental Protection                  |
|          |  |                                 | Water and Waste Treatment                                  |
|          | Genetic Analysis   | 6                               | Toxicology   |
|          |  |                                 | Techniques of Genetic Engineering                          |
| 3        | Master Thesis  | 30                              | Master Thesis with Oral Presentation and Final Examination |

 $<sup>^1</sup>$  elective module  $^2$  elective subject