

JOINT STUDY MASTER'S COURSE

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

The Faculty of Environmental Sciences (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 and environmental engineering to apply for a master's degree course (specialization) in process engineering, environmental protection and biotechnology that has been conducted since 2008/2009.

This is a three-semester program taught in English (course work and examinations are also in English). Courses start in the spring/summer semester. One semester will be spent in Offenburg and one in Olsztyn. In the third semester students may choose their place of study. Successful completion of the three semesters will lead to the award of a master's diploma of the Universities of Warmia and Mazury in Olsztyn and of Applied Sciences in Offenburg.

Details of application are available at University of Warmia and Mazury website (www.uwm.edu.pl) from around 25 January to 10 February each year. On the homepage, click on "Kandydaci", followed by "Rekrutacja", and then "IRK – Internetowa Rejestracja Kandydatów". Then select "Wydział Nauk o Środowisku – Faculty of Environmental Sciences", "studia drugiego stopnia – Master's degree" and "kierunek ochrona środowiska – environmental protection".

Applicants for this specialization should write to the dean's office of the Faculty of Environmental Sciences before the end of the application period. The letter should inform the dean's office that the applicant has selected this specialization. This information should be sent by post or delivered in person to the following address: Faculty of Environmental Sciences, Oczapowskiego 5, Olsztyn-Kortowo; office hours 08:00–13:00 (please note that E-mailed letters of application are not acceptable). For further details contact dean's office (Phone: +48 089 523 3421).

Prerequisites and qualification requirements criteria: undergraduate program results. Applicants should feel confident about studying and working in English.

A list of successful applicants will be published in the second half of February each year.

Documents to be submitted:

1. Application form,
2. Secondary school certificate,
3. Undergraduate course certification,
4. Copy of identification card (front and back),
5. Copy of enrolment fee receipt.

For more information about the course please contact:

Prof. Dr. Eng. Irena WOJNOWSKA-BARYŁA, Phone: +48 89 523 4130; E-mail: irka@uwm.edu.pl
Dr. Eng. Katarzyna BERNAT, Phone: +48 89 523 4118; E-mail: bernat@uwm.edu.pl

Master's degree schedule

Process Engineering, Environmental Protection and Biotechnology

Semester	Module	ECTS	Course
1	Compulsory Subjects	2	English/Polish Language Support
		2	Writing Scientific Papers
		2	English Terminology in Biotechnology
		3	Techniques of Genetic Engineering
		2	Environmental Statistics
		3	Toxicology
		2	Analytical Training
		4	Water and Wastewater Treatment
		1	Monitoring of Aerobic Stabilization of Municipal Solid Waste
		2	Design of Processes in Environmental Biotechnology
		3.5	Biotechnology in Environmental Protection
		3.5	Biological Wastewater Treatment
2	Biotechnical Processes ¹	10	Dimensioning Fermenters
			Technical School Fermentation
			Technical School Scale-up of Mixing Processes
	Renewable Energy Conversion ¹	10	Thermochemical Conversion Process I
			Thermochemical Conversion Process II
			Biotechnological Conversion Process
			Technical School Renewable Energy Conversion I
			Technical School Renewable Energy Conversion II
	Advanced Process Engineering	10	Chemical Engineering
			Technical School Process Engineering
			Safety Engineering
			Water Processing
	Non-Technical Competences (NTC)	10	Process Control Engineering
			Public Relations
			Seminar NTC I
			Seminar NTC II
			Elective NTC
3	Master Thesis	30	Elective NTC II
			Master's Thesis with Oral Presentation and Final Examination

¹ elective module

Compiled by Dr. Eng. Katarzyna Bernat
Department of Environmental Biotechnology
University of Warmia and Mazury in Olsztyn
Poland