

English reading version, for information purposes only

§ 35 Program of Process Engineering

Objectives

- (1) In the Master's degree program of Process Engineering (MPE), students acquire in-depth knowledge in process engineering with a focus on Geoengineering and Food.

Structure

- (2) MPE is jointly organized by Uniwersytet Warmińsko-Mazurski (UWM) in Olsztyn, Poland, and Hochschule Offenburg (HSO) in Offenburg, Germany. The degree course comprises three semesters (MPE1, MPE2 and MPE3). A minimum of 90 credits must be achieved to successfully complete the program. The teaching and learning language used is generally English.
- (3) Semesters MPE1 at Hochschule Offenburg and MPE2 at UWM are theoretical semesters, structured in modules. In the third semester, MPE3, the Master's thesis is usually prepared, either at one of the partner universities or externally at a company or research institution.
- (4) Different national statutes are applicable at HSO on the one hand and UWM on the other. These may concern, for example, admission to the program; examination types, procedures and grading (including repeat examinations); final-thesis regulations; or regulations on course attendance, absence from examinations and exclusion from the program.

Modules and Courses

- (5) The grouping of the modules, their chronological sequence, amounts of hours per week per semester, credits (C) awarded, and corresponding assessments are listed in the overview below (Table 1). Detailed regulations can be found in the module descriptions.
- (6) For administrative reasons, the entire semester MPE2 at UWM is listed as one module. Further information can be found on the UWM website for the MPE program.

Table 1: Modules and Courses

Sem.	No.	Module	C	No.	Courses	Type	Hrs./week	C	Assmt.	Weight
MPE1	MPE-11	Chemical Conversion Processes	7	M+V2537	Power to X	V	2	2	K90	1
				M+V2528	Thermochemical Conversion Processes	V	2	2		
				M+V2529	Lab Thermochemical Conversion Processes	L	2	3		
	MPE-12	Biotechnological Conversion Processes	5	M+V2504	Biotechnological Conversion Processes	V	2	2	K60 + LA ¹	1
				M+V2530	Lab Biotechnological Conversion Processes	L	2	3		
	MPE-13	Advanced Process Engineering	8	M+V2531	Modelling and Simulation	V	2	2	HA	1/2
				M+V2532	Water Processing and Lab	V+L	2	2		
				M+V2503	Process Control Engineering	V	2	2	K90	1/2
				M+V2533	Multiphase Flows	V	2	2		
	MPE-14	Electives	4		Elective 1 Elective 2	V				1

English reading version, for information purposes only

Sem.	No.	Module	C	No.	Courses	Type	Hrs./week	C	Assmt.	Weight
MPE1	MPE-15	Complementary Subjects	6	M+V2534	Project Management – Commercial Framework	S	2	2	RE	1/2
				M+V2528	Intercultural competences	S	2	2	RE	-
					Language Skills ²	S	2	2	³	1/2
MPE2	MPE-21 (elective)	UWM	30		Geoengineering			30		1
	MPE-22 (elective)	UWM	30		Food			30		1
MPE3	MPE-31	Master's Thesis	30	M+V2535	Master's Thesis	WA	-	28	AA + RE	1
				M+V2536	Presentation and Defense	S	-	2		
	Total		90					90		

Assessments and Grading

- (7) To complete a module, all of its corresponding assessments must be passed successfully.
- (8) If an assessment consists of several partial assessments, each partial assessment must be completed in the same semester, resulting in an overall grade. This overall grade is determined by the module coordinator according to the weighting of the partial assessments. If a partial assessment is not passed, only this one must be repeated. Partial assessments which have been passed cannot be repeated for the purpose of improving one's grade.
- (9) To complete a semester, all of its modules must be passed successfully.
- (10) Since students may have gone to Olsztyn or other countries after their semester in Offenburg, the repeat examinations (written or oral) may take place online and outside HSO's regular examination periods. In this case, the exact dates will be officially announced at least four weeks in advance.
- (11) The conversion of grades is based on HSO's central conversion table for the recognition of academic achievements abroad.

Master's Thesis

- (12) The Master's thesis is usually started after successful completion of the MPE1 and MPE2 semesters. The time allowed for the Master's thesis is six months from the date stated on the registration form submitted to the Examination Office. The oral presentation and defense of the thesis usually takes place at the University and is open to the public.

¹ Weighting: 70% K60, 30% LA

² Depending on the selected language (all languages are possible except for one's native language; for English, only Technical English for Engineers is possible)

³ Assessment and grading according to Language Center regulations