

**AGH**AGH UNIVERSITY OF SCIENCE  
AND TECHNOLOGY

Module name:	Diploma seminar				
Academic year:	2013/2014	Code:	STC-2-301-CF-s	ECTS credits:	10
Faculty of:	Energy and Fuels				
Field of study:	Chemical Technology	Specialty:	Clean Fossil and Alternative Fuels Energy		
Study level:	Second-cycle studies	Form and type of study:	Full-time studies		
Lecture language:	English	Profile of education:	Academic (A)	Semester:	3
Course homepage:	—				
Responsible teacher:	prof. dr hab. Grzybek Teresa (grzybek@agh.edu.pl)				
Academic teachers:	prof. dr hab. Grzybek Teresa (grzybek@agh.edu.pl)				

## Description of learning outcomes for module

MLO code	Student after module completion has the knowledge/ knows how to/is able to	Connections with FLO	Method of learning outcomes verification (form of completion)
Social competence			
M_K001	Student is aware of his/her responsibility for the realised tasks , as well as for keeping the ethical principles	TC2A_K04, TC2A_K05, TC2A_K03	Presentation, Participation in a discussion
Skills			
M_U001	Student is able to prepare a presentation on a given technological subject	TC2A_U05, TC2A_U11	Activity during classes, Presentation, Participation in a discussion
M_U002	Student is able to prepare the plan and schedule of diploma thesis	TC2A_U06, TC2A_U05, TC2A_U09	Activity during classes, Diploma thesis preparation, Participation in a discussion, Presentation
M_U004	Student can propose the optimal solution to the problems met during the work on the project for diploma thesis	TC2A_U12, TC2A_U13, TC2A_U14	
Knowledge			
M_W001	Student is aware of the possible influence of subject of his/her thesis on the development of economy and/or industry	TC2A_W04, TC2A_W07, TC2A_W01	Activity during classes, Participation in a discussion, Presentation, Diploma thesis preparation

M_W002	Student is able to choose the optimal method of solving the problem connected with diploma thesis	TC2A_W04, TC2A_W07, TC2A_W11	Activity during classes, Presentation, Diploma thesis preparation, Participation in a discussion
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## FLO matrix in relation to forms of classes

MLO code	Student after module completion has the knowledge/ knows how to/is able to	Form of classes										
		Lectures	Auditorium classes	Laboratory classes	Project classes	Conversation seminar	Seminar classes	Practical classes	Others	Fieldwork classes	Workshops	E-learning
Social competence												
M_K001	Student is aware of his/her responsibility for the realised tasks , as well as for keeping the ethical principles	-	-	-	-	-	+	-	-	-	-	-
Skills												
M_U001	Student is able to prepare a presentation on a given technological subject	-	-	-	-	-	+	-	-	-	-	-
M_U002	Student is able to prepare the plan and schedule of diploma thesis	-	-	-	-	-	+	-	-	-	-	-
M_U004	Student can propose the optimal solution to the problems met during the work on the project for diploma thesis	-	-	-	-	-	+	-	-	-	-	-
Knowledge												
M_W001	Student is aware of the possible influence of subject of his/her thesis on the development of economy and/or industry	-	-	-	-	-	+	-	-	-	-	-
M_W002	Student is able to choose the optimal method of solving the problem connected with diploma thesis	-	-	-	-	-	+	-	-	-	-	-

## Module content

### Seminar classes

Student prepares a presentation reporting the progress of his/her diploma thesis. The presentation is accompanied by the discussion with other diploma students. Each student prepares at least two presentations. The second presentation should

summarize the results of diploma project.

### **Method of calculating the final grade**

Final grade = grade from presentation

### **Prerequisites and additional requirements**

Completion of two semesters of second cycle studies in Chemical Technology

### **Recommended literature and teaching resources**

The list of required basic literature is prepared by the supervisor, depending on the subject of MSc thesis project. The student carries out extensive literature search for MSc thesis.

### **Scientific publications of module course instructors related to the topic of the module**

Additional scientific publications not specified

### **Additional information**

None

### **Student workload (ECTS credits balance)**

Student activity form	Student workload
Preparation of a report, presentation, written work, etc.	220 h
Participation in seminar classes	30 h
Summary student workload	250 h
Module ECTS credits	10 ECTS