



Module name: MSc practice

Academic year: 2013/2014 Code: STC-2-301-SF-s ECTS credits: 8

Faculty of: Energy and Fuels

Field of study: Chemical Technology Specialty: Sustainable Fuels Economy

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: dr inż. Wyrwa Artur (awyrwa@agh.edu.pl)

Academic teachers:

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)
Skills			
M_U001	Student can conduct experiment, collect the relevant data and documentary material on the topic and the issue of work.	TC2A_U09, TC2A_U01	Diploma thesis preparation
M_U002	Student is able to prepare a multimedia presentation with results of the work.	TC2A_U05, TC2A_U01	Presentation
Knowledge			
M_W001	Student can design an experiment.	TC2A_W02	Diploma thesis
M_W002	Student is able to select and apply the appropriate method to answer research question and evaluate results technically and economically.	TC2A_W02, TC2A_W07	Diploma thesis preparation

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
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		Lectures	Auditorium classes	Laboratory classes	Project classes	Conversation seminar	Seminar classes	Practical classes	Others	Fieldwork classes	Workshops	E-learning
Skills												
M_U001	Student can conduct experiment, collect the relevant data and documentary material on the topic and the issue of work.	-	-	-	-	-	-	+	-	-	-	-
M_U002	Student is able to prepare a multimedia presentation with results of the work.	-	-	-	-	-	-	+	-	-	-	-
Knowledge												
M_W001	Student can design an experiment.	-	-	-	-	-	-	+	-	-	-	-
M_W002	Student is able to select and apply the appropriate method to answer research question and evaluate results technically and economically.	-	-	-	-	-	-	+	-	-	-	-

Module content

Practical classes

Student takes at least 8 week MSc placement supervised by diploma thesis supervisor. During this placement she/he:

1. Studies the literature on the topic and the issue of the MSc work.
2. Chooses the appropriate research methodology aimed at solving the problem of MSc work.
3. Collects the documentary material for MSc thesis: makes description on the execution of the experiment. Student analyses, documents, illustrates the research results.

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Method of calculating the final grade

Assessment of progress and advancement of the MSc thesis.

Prerequisites and additional requirements

Prerequisites and additional requirements not specified

Recommended literature and teaching resources

Recommended literature and teaching resources not specified

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

Additional scientific publications not specified

Additional information

The grade or the practice is given by MSc thesis supervisor, after approval of the experimental part of the thesis.

Student workload (ECTS credits balance)

Student activity form	Student workload
Preparation for classes	40 h
Participation in practical classes	200 h
Summary student workload	240 h
Module ECTS credits	8 ECTS