



Module name: Workshop in writing and preparation of scientific publications_variant_II

Academic year: 2019/2020 Code: ZSDA-3-1004-s ECTS credits: 1

Faculty of: Szkoła Doktorska AGH

Field of study: Szkoła Doktorska AGH Specialty: —

Study level: Third-cycle studies Form and type of study: Full-time studies

Lecture language: Polski i Angielski Profile of education: Academic (A) Semester: 1

Course homepage: —

Responsible teacher: prof. dr hab. inż. Hejmanowski Ryszard (hejman@agh.edu.pl)

Module summary

Publishing and external evaluation of the results is the final phase of any scientific research. Learning the ethical principles of the publishing process results will be one of the first points of the class. The student will learn and practice the principles of development a good scientific publication based on leading scientific journals in domain Geo-Science (geology, geotechnics, geoenvironment, civil engineering). The subject of the class will be dedicated to the students of this domain.

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: is able to			
M_K001	student can work in a team; student is able to disseminate the results of the research; is aware of the value of their research for the communities	SDA3A_K03, SDA3A_K02	Essay, Activity during classes
Skills: he can			
M_U001	to effectively describe the results of his own research; knows how to define a research gap based on existing state of the art; can transparently describe the research methodology, discuss research results and draw conclusions	SDA3A_U06, SDA3A_U03, SDA3A_U02	Essay, Activity during classes
M_U002	the requirements for writing the cover letter and abstract	SDA3A_U06, SDA3A_U03, SDA3A_U04	Essay
Knowledge: he knows and understands			

M_W001	the principles of ethics in publishing research results; the structure of scientific paper	SDA3A_W01, SDA3A_W05, SDA3A_W04	Essay
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Number of hours for each form of classes

Suma	Form of classes										
	Lectures	Auditorium classes	Laboratory classes	Project classes	Conversation seminar	Seminar classes	Practical classes	Fieldwork classes	Workshops	Prace kontrolne i przejściowe	Lektorat
12	0	0	0	0	0	0	0	0	12	0	0

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	Fieldwork classes	Workshops	Prace kontrolne i przejściowe	Lektorat
Social competence: is able to												
M_K001	student can work in a team; student is able to disseminate the results of the research; is aware of the value of their research for the communities	-	-	-	-	-	-	-	-	+	-	-
Skills: he can												
M_U001	to effectively describe the results of his own research; knows how to define a research gap based on existing state of the art; can transparently describe the research methodology, discuss research results and draw conclusions	-	-	-	-	-	-	-	-	+	-	-
M_U002	the requirements for writing the cover letter and abstract	-	-	-	-	-	-	-	-	-	-	-
Knowledge: he knows and understands												
M_W001	the principles of ethics in publishing research results; the structure of scientific paper	-	-	-	-	-	-	-	-	+	-	-

Student workload (ECTS credits balance)

Student activity form	Student workload
Udział w zajęciach dydaktycznych/praktyka	12 h
Preparation for classes	24 h
Summary student workload	36 h
Module ECTS credits	1 ECTS

Additional information

Module content

Workshops

learning the structure of scientific publication; discussion on how to split publications; esej writing of the state of the art and the research gap; discussion of research results; graphic abstracts; writing research conclusions; manuscript submission procedures; discussion with editor/reviewers

Teaching methods and techniques:

Workshops: teamwork; discussion; essays writing

Warunki i sposób zaliczenia poszczególnych form zajęć, w tym zasady zaliczeń poprawkowych, a także warunki dopuszczenia do egzaminu:

active participation in classes, taking part in discussions, passing own essays

Zasady udziału w poszczególnych zajęciach, ze wskazaniem, czy obecność studenta na zajęciach jest obowiązkowa:

Workshops:

- Attendance is mandatory: Yes
- Participation rules in classes: taking part in a teamwork and self development by doing the state of the art before the class

Method of calculating the final grade

the final grade will be a weighted average of grades from activity during classes (1/3) and grades from essays (2/3)

Sposób i tryb wyrównywania zaległości powstałych wskutek nieobecności studenta na zajęciach:

individual essays can be submitted online; absence from class cannot be made up

Prerequisites and additional requirements

no additional requirements

Recommended literature and teaching resources

Van der Perk, M. (2015). A guide for scientific writing. Utrecht University

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

1) Mapping ground movements caused by mining-induced earthquakes applying satellite radar interferometry / Agnieszka A. MALINOWSKA, Wojciech T. WITKOWSKI, Artur GUZY, Ryszard HEJMANOWSKI // Engineering Geology ; ISSN 0013-7952. — 2018 vol. 246, s. 402-411.

2) Significance of the uncertainty level for the modeling of ground deformation ranges / Ryszard HEJMANOWSKI, Agnieszka A. MALINOWSKA // International Journal of Rock Mechanics & Mining Sciences ; ISSN 1365-1609. — 2016 vol. 83, s. 140-148

Additional information

None