

**AGH**AGH UNIVERSITY OF SCIENCE
AND TECHNOLOGY

Module name: Workshop in preparation of grant applications_variant_I

Academic year: 2019/2020 Code: ZSDA-3-1005-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: dr hab. inż. Młyniec Andrzej (mlyniec@agh.edu.pl)

Module summary

Grant proposals can be solicited by clients bent on solving some specific problem, but also can involve audiences who are unaware that the problem even exists. The goal of proposal writing is not just to inform your audience about a solution, but to convince your audience to give you funds so that you can solve a problem. The purpose of this subject is to equip participants with a set of skills and toolkits necessary for preparing a successful grant proposal.

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	Students understand the ethical aspects of scientific research related to writing and evaluation of grant proposals.	SDA3A_K01, SDA3A_K03	Activity during classes
Skills: he can			
M_U001	Students know how to prepare economically and substantively justified grant application	SDA3A_U06, SDA3A_U03, SDA3A_U02, SDA3A_U01	Activity during classes
Knowledge: he knows and understands			
M_W001	Students know polish and international funding agencies e.g. NCN, NCBiR, FNP, ERC etc.	SDA3A_W07, SDA3A_W06	Activity during classes
M_W002	A participant knows how to initiate collaboration with industry and other scientists.	SDA3A_W07	Activity during classes

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	Students understand the ethical aspects of scientific research related to writing and evaluation of grant proposals.	-	-	-	-	-	-	-	-	-	-	-
Skills: he can												
M_U001	Students know how to prepare economically and substantively justified grant application	-	-	-	-	-	-	-	-	+	-	-
Knowledge: he knows and understands												
M_W001	Students know polish and international funding agencies e.g. NCN, NCBiR, FNP, ERC etc.	-	-	-	-	-	-	-	-	+	-	-
M_W002	A participant knows how to initiate collaboration with industry and other scientists.	-	-	-	-	-	-	-	-	-	-	-

Student workload (ECTS credits balance)

Student activity form	Student workload
Udział w zajęciach dydaktycznych/praktyka	12 h
Preparation for classes	13 h
Summary student workload	25 h
Module ECTS credits	1 ECTS

Additional information

Module content

Workshops

Constraints of proposals

- Format of proposals
- Politics of proposals
- Audiences of proposals

Style of proposals

Problem statement
Proposed solution

Funding agencies

NCN, NCBiR, FNP, MNiSW, ERC etc
How to apply?

Open research question

- Defining open research question based on the literature review – how to convince the Reviewer to support your grant application

Preparation of the selected grant application

These classes are designed to help the participant to prepare the first grant proposal e.g. Preludium (National Science Center – NCN).

Teaching methods and techniques:

Workshops: Warsztaty prowadzone przy użyciu materiałów przygotowanych przez uczestników kursu.

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

There is no Exam. Workshop grades will be calculated as a mean value of all grades obtained during these classes.

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

Workshops:

- Attendance is mandatory: Yes
- Participation rules in classes: Studenci uczestniczą w zajęciach poznając kolejne treści nauczania zgodnie z sylabusem przedmiotu. Studenci winni na bieżąco zadawać pytania i wyjaśniać wątpliwości. Rejestracja audiowizualna zajęć wymaga zgody prowadzącego.

Method of calculating the final grade

The final grade will be calculated based on student activity grade from the workshop.

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

Additional classes will be organized

Prerequisites and additional requirements

Ability to read and write english scientific articles,

Recommended literature and teaching resources

CHARTING A COURSE FOR A SUCCESSFUL RESEARCH CAREER – A Guide for Early Career Researchers, 2nd Edition, Professor Alan M Johnson AM M.A. (Hons), M.Ed.Mgmt., B.App.Sc., Ph.D., D.Sc. Elsevier

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

- Interfascicular matrix-mediated transverse deformation and sliding of discontinuous tendon subcomponents control the viscoelasticity and failure of tendons / R. Obuchowicz, M. EKIERT, P. KOHUT, K. HOLAK, L. AMBROZIŃSKI, K.A. Tomaszewski, T. UHL, A. MŁYNIEC // Journal of the Mechanical Behavior of Biomedical Materials ; ISSN 1751-6161. — 2019 vol. 97, s. 238–246. — <https://www-1sciencedirect-com-1000027030270.wbg2.bg.agh.edu.pl/science/article/pii/S1751616119300943/pdf?md5=dc2448863c698a7e3dd5298b70993f&pid=1-s2.0-S1751616119300943-main.pdf>

- Structurally based constitutive model of epoxy adhesives incorporating the influence of post-curing and thermolysis / A. MŁYNIEC, J. KORTA, T. UHL // Composites. Part B, Engineering ; ISSN 1359-8368. — 2016 vol. 86, s. 160–167. <http://www.sciencedirect.com/science/article/pii/S1359836815006265/pdf?md5=ad478a0a70a31a4bb8ef6f5b13e0bec7&pid=1-s2.0-S1359836815006265-main.pdf>

Additional information

n/a