

1.	Field of study	Geology
2.	Faculty	Faculty of Natural Sciences
3.	Academic year of entry	2019/2020 (winter term), 2020/2021 (winter term), 2021/2022 (winter term)
4.	Level of qualifications/degree	second-cycle studies
5.	Degree profile	general academic
6.	Mode of study	full-time

Module: Special lectures PST 1 - mass extinctions

Module code: 2GE-880

1. Number of the ECTS credits: 2

2. Learning outcomes of the module			
code	description	learning outcomes of the programme	level of competence (scale 1-5)
2GE-880-1	poznaje poglądy na temat powstania Ziemi, życia prokariotycznego, eukariontów, radiacji zwierząt - najważniejszych wydarzeń w historii naszej planety	2GE_W1 2GE_W2	1 1
2GE-880-2	umie wnioskować o przyszłości Ziemi, jej biosfery, hydrosfery i litosfery	2GE_U1	1
2GE-880-3	zna wzajemne powiązania ze sobą nauk przyrodniczych	2GE_W1	2
2GE-880-4	potrafi sprawnie korzystać ze źródeł literaturowych i elektronicznych	2GE_U1	1
2GE-880-5	umie przygotować opracowania pisemne z tematyki historii Ziemi wraz z powiązaniem z wiadomościami z innych dziedzin nauk przyrodniczych	2GE_U4	1
2GE-880-6	potrafi współpracować w grupie jako odbiorca i jako dostawca informacji	2GE_U8	4

3. Module description	
Description	unit „major events in the history of life on Earth” aims to introduce students to major stages of prehistory of life on our planet, recorded not so much as fossils, but mostly as structures and processes present in living organisms, inherited from our ancient ancestors, which lived in environments very different from those recorded in the Phanerozoic (=today!); the knowledge acquired in the present unit (module) is of primary importance both for * evaluation of processes which generated and then allowed for preservation of some ancient structures and processes in living beings (deterministic or non-deterministic? emergence of new structures and processes, based on ancient foundations, in environments changed also by living beings), but also for ** critical evaluation of meaning of current environmental change for survival of our civilization, human race, and life on Earth as a whole, *** probability of finding life at other planets
Prerequisites	knowledge of systematical paleontology, paleoecology, and historical geology; medium-level fluency in English

4. Assessment of the learning outcomes of the module

code	type	description	learning outcomes of the module
2GE-880-w-1	Prezentacja na temat wybranego zdarzenia w historii życia na Ziemi	evaluation of knowledge gained by a student will be based on two presentations, and on active participation in lecturer's presentation; the lecturer is expected to get students involved in her/his presentations, which will take form of a series of seminars	2GE-880-1, 2GE-880-2, 2GE-880-3, 2GE-880-4, 2GE-880-5, 2GE-880-6

5. Forms of teaching

code	form of teaching			required hours of student's own work		assessment of the learning outcomes of the module
	type	description (including teaching methods)	number of hours	description	number of hours	
2GE-880-fs-1	lecture	multi-media presentation of selected events in the history of life	30	own, non-assisted adoption of knowledge with aid of notes from lectures and chosen publications	40	2GE-880-w-1