

AGREEMENT

JOINT MASTER STUDY PROGRAMME “PHYSICS OF THE EARTH (GEOPHYSICS)”

This Agreement is entered into by and between the

Universität Wien, acting under the prerequisites of the Austrian Universities Act 2002 (*Bundesgesetz über die Organisation der Universitäten und ihre Studien (Universitätsgesetz 2002)*), Federal Gazette No. 120/2002), hereafter referred to as **University of Vienna (UW)**, represented by Univ.-Prof. Dr. Heinz Faßmann, Vice Rector for Human Resources Development and International Relations.

and the

Univerzita Komenského v Bratislave, established by the Law num. 375/1919 of the Law Digest in accordance with the Slovak Higher Education Act 131/2002 hereafter referred to as **Comenius University in Bratislava (CUB)**, represented by Prof. RNDr. Karol Mičieta, PhD., Rector.

(herein after referred to individually as the "*Party*" and collectively as the "*Parties*" or "*partner universities*")

WHEREAS

the *Parties* intend to establish a Joint Master Study Programme “Physics of the Earth (Geophysics)”. The focus of the Programme is the physics of the Earth and its close surroundings based on a solid physical/mathematical approach.

In accordance with the national laws as well as the relevant regulations of the *Parties* involved it is hereby agreed as follows:

Article 0: Definitions

Agreement: means the present *Agreement* and all its Annexes.

Bachelor Programme: refers to the basic degree of the three-degree-cycle implemented under the Bologna Process, which typically requires between 180 and 240 ECTS credits depending on the national legislation.

Consortium: defines the ensemble of partner universities taking part in the program.

Curricula: are legally binding documents containing the study goals, the competence framework, the modules and all subject and programme related academic rules and regulations. Together with the national legislation and university regulations (i.e. Statutes of the universities) the Curriculum is the legal framework of the programme after the implementation of the Programme.

ECTS: means the European Credit Transfer and Accumulation System, which is a student-centred system based on the student workload required to achieve the objectives of a programme, objectives preferably specified in terms of the learning outcomes and competences to be acquired.

Physics of the Earth Programme: refers to the study programme, which is offered to qualified *Students* at the *partner universities* in order to obtain a joint *Master of Science* - “MSc”. The official title of the study programme is “Physics of the Earth (Geophysics)”, in the following abbreviated “Physics of the Earth”.

Master of Science: is the academic degree jointly awarded by the partner universities after the completion of the Master Programme according to the *Curriculum*.

Master Programme: means the second study programme in the three-degree-cycle of the Bologna Process, which typically requires between 90 and 120 ECTS credits depending on the national legislation.

Master Thesis: is a graded paper, by which *Students* have to prove their ability to reflect on real-life scenarios, problem solving and/or research topics.

Reference Curriculum: describes the common core of the *Physics of the Earth Programme* jointly developed by the *Parties* as stated in Annex A comprising 120 ECTS points. The *Reference Curriculum* is the basis for this cooperation agreement and the curriculum development. It has to be transferred into *Curricula* with respect of the national legislations and the *Parties’* rules and regulations.

Students: refers to all students enrolled in the *Programme* in order to obtain the Master’s degree.

Study Guide: is a schedule of all modules, lectures and exams including date, time, duration and location. It is jointly provided to the *Students* by the *Parties* for each semester in advance.

All words appearing in *Italics* have the meaning attributed to them in this *Agreement*. The descriptive headings in this *Agreement* are for convenience only and shall not be interpreted so as to limit or affect in any way the meaning of the language in the pertaining Article, Section, Paragraph or Sub-paragraph.

Article 1: Purpose and Duration

1.1 Purpose

The *Parties* are committed to cooperate in the joint award of the Master Joint Degree in Physics of the Earth (Geophysics). The *Reference Curriculum* (Appendix A) regulates and defines the learning outcomes, structure and content of the *Physics of the Earth Programme*.

The *Physics of the Earth Programme* (120 ECTS) shall be binding for each *Party* only after its implementation. The decision regarding the implementation of a *Curriculum* according to the *Reference*

Curriculum shall be taken by the respective authorized organ of each *Party* in accordance with the legal prerequisites of the *Party's* rules and regulations and the national legislation.

1.2 Duration

The present *Agreement* shall enter into effect after all *Parties* have signed the *Agreement*.

The *Agreement* shall continue in effect for four (4) years.

The *Parties* shall review the status of the *Agreement* at least six (6) months before the envisaged termination date to determine any modification or amendments that might be necessary. Depending on the outcome of the evaluation, the *Parties* will decide whether to extend this *Agreement*.

1.3 Early Termination

In the implementation phase each *Party* may terminate this *Agreement* effective upon the end of any month by issuing a prior written notice to the other *Party*, when the transfer of the *Reference Curriculum* into a *Curriculum* is not possible or the accreditation procedure fails.

Each *Party* may terminate this *Agreement* effective upon the end of any calendar year during the term, by issuing a 12-month's prior written notice to the other *Party*.

In case of early termination, the *Parties* agree that all *Students* already enrolled in the *Physics of the Earth Programme* shall have the right to finish their studies in accordance with the *Physics of the Earth Programme*. Students have to complete their study within two years after the termination became effective.

1.4 Evolution of the Consortium

The consortium may be enlarged to include other universities. The decision whether to accept new parties to this *Agreement* rests with the *university representatives*. The new members to the consortium shall assume the rights and obligations as established by this *Agreement* and its amendments with effect from the date of their accession to the *Agreement*. For clarification, the *Parties* agree to calculate the regular termination date of this *Agreement* from the effective date described in section 1.2 regardless of the actual accession to the *Agreement* by individual *Parties*.

Article 2: Implementation framework

2.1 Study goals and competence framework

The study goals of the *Physics of the Earth Programme* together with modules specifying the learning outcomes that contribute to the study goals and the competence framework are defined in the *Reference Curriculum* (Annex A). The language of the study program will be English, in order to attract students from various countries.

2.2 Duration and Workload

In general, the *Parties* agree that the student workload regarding the *Physics of the Earth Programme* shall comprise 120 ECTS credits. This corresponds to a regular (minimum) duration of the equivalent study programme of four semesters.

The *Parties* will offer compulsory and elective courses according to the principles of mutual complementation and recognition.

2.3 Admission regulations

Access to the admission procedure will be possible after the implementation of curricula at all partner universities. Students having earned a Bachelor degree in Physics are eligible. Bachelors of other geophysics programs or related fields (astronomy, meteorology) will have access with restrictions according to the national legislation.

The admission procedure shall be coordinated by the partners within the national rules and regulations. The admission procedure has to be extensively harmonized.

Students applying successfully for the *Physics of the Earth Programme* should have admission to both universities as it is common practice.

2.4 Student Mobility

Courses take place in Vienna and Bratislava. *Students* will be required to study at both *partner universities* according to the Curriculum. *Students* from CUB will travel to Vienna, *Students* from UW will travel to Bratislava. The amount of traveling will be optimised in order to keep travel and time expenses as low as possible. *Students* will keep regular contact with the teaching staff of both universities during the entire study period.

The *Coordinators* will coordinate the courses offered and prepare a *Study Guide* for each semester in advance.

2.5 Master Thesis

All *Students* are required to complete a *Master Thesis*. The *Parties* will instruct supervisors to organize the process in such a way that the total net workload for successful completing the *Master Thesis* will not exceed 30 ECTS corresponding to six (6) months.

The recognition of a *Master Thesis* which was approved by another university (outside of this joint study programme) is prohibited by the Austrian and Slovak laws.

The topic of the *Master Thesis* is to be specified within the scope of the *Physics of the Earth Programme*.

2.6 Academic degree and awarding institution

Graduates of the *Physics of the Earth Programme* will be awarded the title “Master of Science“ (MSc).

As a rule, each *Party* will provide a written notice on the award of the academic degree to each *Student*. The relevant documents will be issued in the national language of the universities.

A common certificate in English will be provided by all *Parties*. The *partner universities* will hold one award ceremony with altering locations.

The *Parties* guarantee that there will be no time delay concerning processing the award certificate.

2.7 Quality management of courses for the *Physics of the Earth Programme*

Relevant curricula at *partner universities* (including modules and their courses) have to be mapped to the *Reference Curriculum* presented here.

2.8 External Evaluation

The Joint Master Study Programme will be periodically externally evaluated according to the national legislations.

Article 3: Programme Coordinators

Each *Party* shall nominate a *Programme Coordinator* (e.g., local programme director, StudienprogrammleiterIn) with the following responsibilities:

- selecting elements (courses, internships, etc.) which are relevant with respect to the competences to be acquired by students as defined in the learning outcomes of the *Physics of the Earth curriculum*
- organisation of the admission process
- advancing quality development of the modules and adaptation of learning outcomes on course levels, teaching methods, and content according to the learning outcome specified in the curriculum
- acting as responsible contact persons for *students*, scientists, administration and university representatives
- management and execution of this Agreement and the *Curriculum* on the local level, decision making according to the national rules and university's regulations
- participation in the adaptation of the curriculum
- annual Reporting to the *university representatives* about the performance of the Programme
- preparing the External Evaluation (2.8)

Article 4: Rights and Obligations of the Parties

The *Parties* will:

- nominate a Programme Coordinator
- update their respective section of the *Physics of the Earth Programme* webpages
- offer the modules as described in the *Curriculum* and *Reference Curriculum*
- provide adequate descriptions of modules (ECTS Information Package) and projects for the Study Guide
- safeguard the quality of the *Physics of the Earth Programme*, as offered in their institution
- fulfil the necessary formal requirements for accreditation of the *Physics of the Earth Programme* in their home country
- cooperate in activities to maintain the quality of the *Reference Curriculum*;
- take formal and legal responsibility for the *Students* enrolled in the *Physics of the Earth Programme* at their institution according to the applicable national laws and their respective internal regulations
- apply for teacher and student mobility (ERASMUS, CEEPUS or other funding)

- waive tuition fees for *Students* according to the national regulations for Master students in Austria (exemptions from the tuition fee: Degree program students from an EU/EEA country studying within the minimum duration of their degree program plus two additional semesters; Degree program students, who are granted the same rights as Austrian citizens concerning the access to a profession due to an international agreement, e.g. convention refugees; Students from certain non-EU/EEA countries.). The Austrian National Union of Students (ÖH) membership fee at the University of Vienna has to be paid in any case.
- waive tuition fees for *Students* according to the CUB regulations for Master students in Slovakia
- finance the participation of their members in the meetings of the *Programme Coordinators* (at least once a year)
- finance teaching for the duration of the *Physics of the Earth Programme*

Students are regarded as regular students and will be granted full access to all facilities according to the regulations of each university.

Article 5: Intellectual Property Rights

5.1. General

The *Parties* agree to respect their individual Intellectual Property Rights (IPR). The *Parties* retain full title and rights to their own contributions made in the course of the implementation of the *Physics of the Earth Programme*. If one or more *Parties* contribute to a work or result, the contributing *Parties* gain co-ownership rights in proportion to their respective contribution. During the term of this *Agreement*, all *Parties* shall have the right to use the contributions of the other *Parties* to the *Physics of the Earth Programme* for the purpose of this cooperation free of charge.

Every *Party* is aware of the applicable national laws and regulations concerning copyright/intellectual property in its country and will take appropriate measures to assure compliance with these regulations.

5.2. Websites

Both universities will provide the *Parties* with platforms for information of the public as well as information and exchange among students, teachers, and administrators for the *Physics of the Earth Programme*. The *Parties* will be fully responsible for the contents and contributions they provide via the website.

Article 6: Confidentiality

The *Parties* shall treat as strictly confidential any data, information or documents etc. in whatever form and however communicated, marked as confidential, which the *Parties* become acquainted with during the execution of this *Agreement*.

Information is not considered as confidential if it

- was published or otherwise generally available to the public at the time of disclosure, or
- after disclosure has been published or made public otherwise than through any act or omission on the part of the receiving *Party* or
- was already in the possession of the receiving *Party* without any restrictions on disclosure or

- was rightfully acquired by the receiving *Party* from others without any undertaking of confidentiality or
- was developed independently of the work under this Agreement by the receiving *Party*.

Article 7: Publicity

The *Parties* may make reference for publicity reasons to the *Physics of the Earth Programme* under this *Agreement*, provided such reference clearly describes the nature and extent of the *Programme* and does not make misleading comments regarding standards, quality or services.

Article 8: Warranty & Liability

The *Parties* warrant to use their best efforts to conduct all research and teaching activities in connection with the implementation of the *Physics of the Earth Programme* according to the present state of the art. Further warranties, whether implied or explicit are excluded.

Neither *Party* shall be responsible to the other *Parties* for indirect or consequential loss or damages such as, but not limited to, loss of profit, loss of revenue or loss of contracts. Each *Party* shall indemnify the others in respect of wilful or grossly negligent acts or omissions of itself and of its *Programme Coordinators* provided always that such indemnification shall not extend to claims for indirect or consequential loss or damages such as, but not limited to, loss of profit, revenue, contract or the like.

Further, the *Parties* shall only be responsible for and liable to the *Students* in accordance with the national laws and university regulations.

Article 9: Evaluation/Quality Assurance

Each *Party* is subject to, and will follow, its own institutional quality assurance procedures to ensure that the *Programme* maintains its high academic quality. These procedures have to be communicated to the other *Parties*.

In addition to the local arrangements, the Programme will also have its own specific quality assurance mechanisms in place. These include: formal and informal feedback from students, feedback from teaching staff to the *Programme Coordinators*, comments from external examiners (where applicable) and examination results.

The *Parties* shall continuously review the implementation of the *Agreement* (at the minimum every two years) to ascertain if adaptations, amendments or improvements are necessary for the successful execution of the *Agreement*.

Article 10: No partnership no agency

Nothing in the present *Agreement* shall be deemed to create a partnership or agency between the *Parties*. No *Party* shall be empowered or entitled to commit the other *Party* to any obligation or liability other than agreed to in this *Agreement* without having first secured the prior written permission of the *Party* concerned.

Article 11: Assignment

No *Party* shall, without the prior written consent of the other *Party*, assign or otherwise transfer any of its rights and obligations hereunder.

Article 12: Amendments

The present *Agreement* contains a full statement of all arrangements and understandings between the *Parties* and supersedes all other agreements entered into by the *Parties*.

No oral collateral agreements have been made. Any modification of or supplement to this *Agreement* shall be valid only when executed in writing and signed by an authorized signatory of each of the *Parties*. This shall also apply to departure from the requirement of writing.

Article 13: Severability

Should any provision of this *Agreement* prove to be invalid or incapable of fulfilment, or subsequently become invalid or incapable of fulfilment, whether in whole or in part, this shall not affect the validity of the remaining provisions of this *Agreement*. In such case, the *Parties* shall be entitled to demand that a valid and practicable provision be negotiated which mostly fulfils the purpose of the invalid or impracticable provision.

Article 14: Settlement of Disputes

The *Parties* will strive to settle all disputes or differences arising in connection with the present *Agreement* amicably. The *Programme Coordinators* will act as mediators to help the concerned *Parties* overcome their disagreements. If the *Parties*, with the help of the *Coordinators* cannot reach an agreement within six (6) months, the relevant organs or *legal bodies* or the *university representatives* of the *Parties* shall decide the dispute.

Article 15: Language

The present *Agreement* is drafted in English which shall be the governing language of all the documents, notices and minutes of meetings for its application and/or extension or in any other way relative thereto. The *Parties* may otherwise choose any other of their languages for use in the meetings provided that all minutes (or other derived document) be drafted in English.

Article 16: Notices

Any notice to be issued under the present *Agreement* shall be in writing to the addresses and recipients listed in Annex B. It shall be deemed to have been served when personally delivered or, if transmitted by fax, electronic or digital transmission, when transmitted, provided that such transmission is confirmed by receipt of a successful transmission report and confirmed by mail.

IN WITNESS thereof the *Parties* consent to the due execution of the present Consortium Agreement in the person of their appointed *Local Programme Coordinators*

Signed by Vice Rector Univ.-Prof. Dr. Heinz Faßmann for and on behalf of University of Vienna

Signed by Rector Prof. RNDr. Karol Mičieta, PhD for and on behalf of the Comenius University in Bratislava

Appendix A: Reference Curriculum

Study Goal:

Building on Bachelor programmes in physics or geophysics, the Joint Master Study Programme provides a broad and deep scientific education in physics of the Earth. This fundamental education allows not only to understand the principal functioning of our planet, but also some of the major challenges facing humanity through its dependence on the physical environment, e.g. natural resources and hazards, as well as the impact of man on nature and man's own environment.

The focus of the study programme is on furthering the exposure to mathematics and physics as relevant in the physics of the Earth, and the quantitative methods used in the field. Students learn how to observe and mathematically describe phenomena occurring in the physical environment. The fundamental education advances analytical thinking, and graduates are able to work independently and develop problem-solving competence that can be applied to questions of basic research as well as industrial applications. There are optional classes in applications such as exploration-related techniques and seismic hazard analysis.

Through the thorough education in the field of physics of the Earth, students will be able to choose between careers in fundamental research and technologically-oriented companies, particularly in the fields of energy, natural hazard and risk, security, raw materials, groundwater, and environment. Pertaining research is performed in national research organizations, universities, and the private sector, with applications in national and international organizations (e.g., CTBTO, IAEA), in companies dealing with oil and gas or other natural resources, and in the insurance industry. The rigorous approach learned in this programme allows graduates to use their skills also in other physical and natural science occupations. Students acquire skills in information technologies and data processing, as well as physical measurement. Beyond job opportunities that are available exclusively to quantitatively-trained graduates, more general opportunities exist in public administration, engineering companies, consulting etc.

Graduates also profit from the exposure to the English language in which the Master programme is taught.

Overview:

(1) The Joint Master Study Programme “Physics of the Earth (Geophysics)” is offered in English language only.

(2) The Joint Master Study Programme “Physics of the Earth (Geophysics)” is structured as follows: Five compulsory modules (46 ECTS in total) develop the students' basic knowledge of mathematical and numerical tools and of the main principles of the physics of the Earth. Students deepen their knowledge and focus on specialization topics by selecting courses from the modules “Compulsory elective courses 1” and “Compulsory elective courses 2”. Here,

students have to choose at least 23 and 15 ECTS, respectively, from the courses offered in these modules.

(3) Courses are offered either at the Comenius University in Bratislava or at University of Vienna. Successfully completed courses at the partner university will be accredited by both universities.

(4) In the Master module students learn to discuss and present scientific results closely linked to their thesis content.

(5) The study is completed by a Master thesis (28 ECTS) and an oral defense with public presentation (2 ECTS).

			ECTS
MA PE 01	Mathematical and Numerical Methods	compulsory	15
MA PE 02	Seismic Waves	compulsory	8
MA PE 03	Physics of the Earth 1	compulsory	8
MA PE 04	Physics of the Earth 2	compulsory	8
MA PE 05	Geophysical Measurements	compulsory	7
MA PE 06	Compulsory elective courses 1	compulsory	23
MA PE 07	Compulsory elective courses 2	compulsory	15
MA PE 08	Master Module	compulsory	6
	Master Thesis and Thesis Defense		30
			120

(6) Module description:

MA PE 01	Mathematical and Numerical Methods				15 ECTS	
Participation Restriction	<i>none</i>					
Module tasks	<i>Students learn basic mathematical and numerical methods applied in modeling, time series analysis and in solving inversion problems.</i>					
Module structure					Hrs	ECTS
	CUB	Signal Analysis	pi	VU	3	4
		Numerical Methods	pi	VU	2	3
		Digital Filtering in Geophysics	pi	VU	3	4
UW	Inverse Problems	npi	VO	3	4	
Performance Record	<i>successful completion of the coursework</i>					
Language	<i>English</i>					
Responsible University	<i>University Bratislava (CUB) and University Vienna (UW)</i>					

MA PE 02	Seismic Waves				8 ECTS	
Participation Restriction	<i>none</i>					
Recommended Participation Restriction	<i>Knowledge of continuum mechanics and basics in rheology (e.g. as offered in MA PE 07).</i>					
Module tasks	<i>Students get basic knowledge of elastic wave propagation and radiation from earthquake sources. They learn solving elastodynamic equations of motion in heterogeneous media.</i>					
Module structure					Hrs	ECTS
	CUB	Seismic Waves and Physics of Earthquakes (1)	pi	VU	3	4
		Seismic Waves and Physics of Earthquakes (2)	pi	VU	3	4
Performance Record	<i>successful completion of the coursework</i>					
Language	<i>English</i>					
Responsible University	<i>University Bratislava (CUB)</i>					

MA PE 03	Physics of the Earth 1				8 ECTS	
Participation Restriction	<i>none</i>					
Module tasks	<i>Students get knowledge of the physical properties and the structure of the Earth as well as of dynamic processes of the Earth interior:</i> <ul style="list-style-type: none"> • <i>Magnetic field</i> • <i>Gravity field</i> 					
Module structure					Hrs	ECTS
	CUB	Magnetic Field of the Earth	pi	VU	3	4
	UW	Gravity Field	npi	VO	3	4
Performance Record	<i>successful completion of the coursework</i>					
Language	<i>English</i>					
Responsible University	<i>University Bratislava (CUB) and University Vienna (UW)</i>					

MA PE 04	Physics of the Earth 2				8 ECTS	
Participation Restriction	<i>none</i>					
Module tasks	<i>Students get knowledge of the physical properties and the structure of the Earth as well as of dynamic processes of the Earth interior:</i> <ul style="list-style-type: none"> • <i>Structure of the Earth and its physical properties</i> • <i>Basics of seismology</i> • <i>Tectonophysics</i> 					
Module structure					Hrs	ECTS
	UW	Structure of the Earth	npi	VO	2	3
		Tectonophysics	npi	VO	2	3
		Anisotropy	npi	VO	1	2
Performance Record	<i>successful completion of the coursework</i>					
Language	<i>English</i>					
Responsible University	<i>University Vienna (UW)</i>					

MA PE 05	Geophysical Measurements				7 ECTS	
Participation Restriction	<i>none</i>					
Module tasks	<i>Students get basic knowledge of instrumentation in earthquake seismology as well as in gravity and magnetic field observation.</i>					
Module structure					Hrs	ECTS
	UW	Geophysical Measurements Excursion	npi pi	VO EX	3 2	4 3
Performance Record	<i>successful completion of the coursework</i>					
Language	<i>English</i>					
Responsible University	<i>University Vienna (UW)</i>					

MA PE 06	Compulsory elective courses 1				23 ECTS	
Participation Restriction	<i>none</i>					
Module tasks	<i>Students get or deepen their knowledge in special topics of physics of the Earth and/or acquire advanced skills in numerical modeling techniques.</i>					
Module structure	<i>Courses with an extent of at least 23 ECTS have to be selected. For example, the following topics can be chosen:</i>					
	<ul style="list-style-type: none"> • <i>Advanced Numerical Methods</i> • <i>Numerical Modeling of Seismic Wavefields</i> • <i>Seismic Hazard</i> • <i>Induced Seismicity</i> • <i>Advanced Seismometry</i> • <i>Geodynamics</i> • <i>Physics of Ionosphere and Magnetosphere</i> • <i>Physics of the Earth's Material</i> • <i>Paleomagnetism</i> • <i>Regional Structure</i> • <i>Seismic Exploration</i> • <i>Potential Field Methods</i> <p><i>The courses offered each semester will be announced in due time by each University in the course catalogue. Courses not listed in the course catalogue have to be approved in advance by the governing body responsible for study matters.</i></p>					
Performance Record	<i>successful completion of the coursework</i>					
Language	<i>English</i>					
Responsible	<i>University Bratislava and University Vienna</i>					

University	
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MA PE 07	Compulsory elective courses 2	15 ECTS
Participation Restriction	<i>none</i>	
Module tasks	<i>Students get or deepen their knowledge in special topics of the physics or the Earth and/or numerical methods</i>	
Module structure	<p><i>Courses with an extent of at least 15 ECTS have to be selected. For example, the following topics can be chosen:</i></p> <ul style="list-style-type: none"> • Continuum Mechanics and Rheology • Special Topics in Signal Analysis • Statistical Methods of Data Analysis • Advanced Numerical Methods • Numerical Modeling of Seismic Wavefields • Seismic Hazard • Forensic Seismology • Induced Seismicity • Advanced Seismometry • Magnetohydrodynamics • Physics of Ionosphere and Magnetosphere • Electromagnetic Sounding • Nuclear Geophysics • Fractals and Chaos in Geophysics • Geodynamics • Physics of the Earth's Material • Paleomagnetism • Geothermics • Hydrodynamics • Regional Structure • Seismic Exploration • Potential Field Methods • Mineral Physics and Mineral Transformations • Geology for Physicists <p><i>Lectures already completed in Module MA PE 06 are excluded from the selection. The courses offered each semester will be announced in due time by each University in the course catalogue. Courses not listed in the course catalogue have to be approved in advance by the governing body responsible for study matters.</i></p>	
Performance Record	<i>successful completion of the coursework</i>	
Language	<i>English</i>	
Responsible University	<i>University Bratislava and University Vienna</i>	

MA PE o8	Master Module				6 ECTS	
Participation Restriction	<i>None</i>					
Module tasks	<i>Students learn to discuss and to present literature and scientific results related to the physics of the Earth.</i>					
Module structure					Hrs	ECTS
	CUB	Physics of the Earth Seminar 1 Master seminar*	pi	SE	1	2
			pi	SE	1	2
	UW	Physics of the Earth Seminar 2 Master seminar*	pi	SE	1	2
pi			SE	1	2	
* The Master seminar has to be completed only once at the location of the supervisor of the Master thesis.						
Performance Record	<i>successful completion of the coursework</i>					
Language	<i>English</i>					
Responsible University	<i>University Bratislava (CUB) and University Vienna (UW)</i>					

Appendix B: Addresses

University of Vienna
 Universitätsring 1
 1010 Wien
 Austria

Comenius University in Bratislava
 Rektorát UK
 Šafárikovo nám. 6
 818 06 Bratislava 16
 Slovakia