

Module Description

Curricula Geophysics

Examination regulations version: 2010

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Unit 5005 Over-All Account

assigned to: Gesamtkonto

Corresponding:	5500	Geophysics and Geosciences
	6000	Classical Experimental Physics
	6100	Classical Theoretical Physics
	6200	Modern Experimental Physics for Geophysicists
	6500	Mathematics
	6600	Programming
	7200	Classical Physics Laboratory Courses
	7300	Area of specialization
	9000	Key Competences

Unit 5500 Geophysics and Geosciences

assigned to: 5005 Over-All Account

Corresponding:

5510	Geophysics
5520	Geology
5530	Experimental Geophysics I
5540	Experimental Geophysics II

Modulecode: GEOP B AG

Module 5510 Geophysics

assigned to: 5500 Geophysics and Geosciences

ECTS Points 12.00 ECTS

Duration of Module: 2 semester

Rotation of Module: every 2. WS

Corresponding exams:

750	Introduction to Geophysics I
751	Introduction to Geophysics II
752	Surveying for Geophysicists

750 Introduction to Geophysics I

ECTS-Points:	4.00	Type of exam:	[KL] test
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

751 Introduction to Geophysics II

ECTS-Points:	4.00	Type of exam:	[KL] test
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

752 Surveying for Geophysicists

ECTS-Points:	4.00	Type of exam:	[PL]
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

Modulecode: GEOP B GE

Module 5520 Geology

assigned to: 5500 Geophysics and Geosciences

ECTS Points	8.00 ECTS		
Duration of Module:	2 semester	Rotation of Module:	every 2. WS

Corresponding exams:

753	Introduction to Geology
754	Exercises: Introduction to Geology
755	Introduction to Structural Geology
756	Field Geology

753 Introduction to Geology

ECTS-Points:	2.00	Type of exam:	[KL] test
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

754 Exercises: Introduction to Geology

ECTS-Points:	3.00	Type of exam:	[KL] test
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

755 Introduction to Structural Geology

ECTS-Points:	2.00	Type of exam:	[KL] test
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

756 Field Geology

ECTS-Points:	1.00	Type of exam:	[PL]
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

Modulecode: GEOP B EG 1

Module 5530 Experimental Geophysics I

assigned to: 5500 Geophysics and Geosciences

ECTS Points	12.00 ECTS		
Duration of Module:	2 semester	Rotation of Module:	every 2. WS

Corresponding exams:

757	Introduction to Experimental Geophysics
758	Geophysical Laboratory Course
759	Geophysical Field Course

757 Introduction to Experimental Geophysics

ECTS-Points:	1.00	Type of exam:	[PL]
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

758 Geophysical Laboratory Course

ECTS-Points:	5.00	Type of exam:	[SA]
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

759 Geophysical Field Course

ECTS-Points:	6.00	Type of exam:	[SA]
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

Modulecode: GEOP B EG 2

Module 5540 Experimental Geophysics II

assigned to: 5500 Geophysics and Geosciences

ECTS Points 13.00 ECTS

Duration of Module: 1 semester

Rotation of Module: every 2. WS

Corresponding exams:

760 Computing in Geophysics
761 Internship

760 Computing in Geophysics

ECTS-Points:	5.00	Type of exam:	[PL]
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

761 Internship

ECTS-Points:	8.00	Type of exam:	[PL]
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

Unit 6000 Classical Experimental Physics

assigned to: 5005 Over-All Account

Corresponding:

6010	Classical Experimental Physics I
6020	Classical Experimental Physics II
6030	Classical Experimental Physics III

Modulecode: GEOP B KEP 1

Module 6010 Classical Experimental Physics I

assigned to: 6000 Classical Experimental Physics

ECTS Points	8.00 ECTS	Semester Weekly Hours:	6,0 hours
Duration of Module:	1 semester	Rotation of Module:	every 2. WS

Corresponding exams:

101	Classical Experimental Physics I, Mechanics
134	Classical Experimental Physics I, Mechanics - Prerequisite

101 Classical Experimental Physics I, Mechanics

ECTS-Points:	8.00	Type of exam:	[KL] test
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

Corresponding courses:

2100011	Physik I (Mechanik)
	Type of course: Vorlesung
	Weekly semester lesson: 4 hours

134 Classical Experimental Physics I, Mechanics - Prerequisite

ECTS-Points:	0.00	Type of exam:	[UE] exercise
Duration of exam:	<i>no details</i>	Art of exam:	[VL] partial examination

Modulecode: GEOP B KEP 2

Module 6020 Classical Experimental Physics II

assigned to: 6000 Classical Experimental Physics

ECTS Points	7.00 ECTS	Semester Weekly Hours:	5,0 hours
Duration of Module:	1 semester	Rotation of Module:	every 2. SS

Corresponding exams:

102	Classical Experimental Physics II, Electrodynamics
135	Classical Experimental Physics II, Electrodynamics - Evidence

102 Classical Experimental Physics II, Electrodynamics

ECTS-Points:	7.00	Type of exam:	[KL] test
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

135 Classical Experimental Physics II, Electrodynamics - Evidence

ECTS-Points:	0.00	Type of exam:	[UE] exercise
Duration of exam:	<i>no details</i>	Art of exam:	[VL] partial examination

Modulecode: GEOP B KEP 3

Module 6030 Classical Experimental Physics III

assigned to: 6000 Classical Experimental Physics

ECTS Points	9.00 ECTS	Semester Weekly Hours:	7,0 hours
Duration of Module:	1 semester	Rotation of Module:	every 2. WS

Corresponding exams:

103	Classical Experimental Physics III, Optics and Thermodynamics
136	Classical Experimental Physics III, Optics and Thermodynamics - Prerequisite

103 Classical Experimental Physics III, Optics and Thermodynamics

ECTS-Points:	9.00	Type of exam:	[KL] test
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

136 Classical Experimental Physics III, Optics and Thermodynamics - Prerequisite

ECTS-Points:	0.00	Type of exam:	[UE] exercise
Duration of exam:	<i>no details</i>	Art of exam:	[VL] partial examination

Unit 6100 Classical Theoretical Physics

assigned to: 5005 Over-All Account

Corresponding:	6110	Classical Theoretical Physics I
	6120	Classical Theoretical Physics II
	6130	Classical Theoretical Physics III

Modulecode: GEOP B KTP 1

Module 6110 Classical Theoretical Physics I

assigned to: 6100 Classical Theoretical Physics

ECTS Points	6.00 ECTS	Semester Weekly Hours:	4,0 hours
Duration of Module:	1 semester	Rotation of Module:	every 2. WS

Corresponding exams:

111	Classical Theoretical Physics I, Introduction
137	Classical Theoretical Physics I, Introduction - Prerequisite

111 Classical Theoretical Physics I, Introduction

ECTS-Points:	6.00	Type of exam:	[KL] test
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

137 Classical Theoretical Physics I, Introduction - Prerequisite

ECTS-Points:	0.00	Type of exam:	[UE] exercise
Duration of exam:	<i>no details</i>	Art of exam:	[VL] partial examination

Modulecode: GEOP B KTP 2

Module 6120 Classical Theoretical Physics II

assigned to: 6100 Classical Theoretical Physics

ECTS Points	6.00 ECTS	Semester Weekly Hours:	4,0 hours
Duration of Module:	1 semester	Rotation of Module:	every 2. SS

Corresponding exams:

112	Classical Theoretical Physics II, Analytical Mechanics
138	Classical Theoretical Physics II, Analytical Mechanics - Prerequisite

112 Classical Theoretical Physics II, Analytical Mechanics

ECTS-Points:	6.00	Type of exam:	[KL] test
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

138 Classical Theoretical Physics II, Analytical Mechanics - Prerequisite

ECTS-Points:	0.00	Type of exam:	[UE] exercise
Duration of exam:	<i>no details</i>	Art of exam:	[VL] partial examination

Modulecode: GEOP B KTP 3

Module 6130 Classical Theoretical Physics III

assigned to: 6100 Classical Theoretical Physics

ECTS Points	8.00 ECTS	Semester Weekly Hours:	6,0 hours
Duration of Module:	1 semester	Rotation of Module:	every 2. WS

Corresponding exams:

113	Classical Theoretical Physics III, Electrodynamics
139	Classical Theoretical Physics III, Electrodynamics - Prerequisite

113 Classical Theoretical Physics III, Electrodynamics

ECTS-Points:	8.00	Type of exam:	[KL] test
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

139 Classical Theoretical Physics III, Electrodynamics - Prerequisite

ECTS-Points:	0.00	Type of exam:	[UE] exercise
Duration of exam:	<i>no details</i>	Art of exam:	[VL] partial examination

Unit 6200 Modern Experimental Physics for Geophysicists

assigned to: 5005 Over-All Account

Corresponding: 6210 Modern Experimental Physics for Geophysicists

Modulecode: GEOP B MEP

Module 6210 Modern Experimental Physics for Geophysicists

assigned to: 6200 Modern Experimental Physics for Geophysicists

ECTS Points	8.00 ECTS	Semester Weekly Hours:	6,0 hours
Duration of Module:	1 semester	Rotation of Module:	every 2. SS

Corresponding exams:

621	Modern Experimental Physics for Geophysicists
622	Modern Experimental Physics for Geophysicists

621 Modern Experimental Physics for Geophysicists

ECTS-Points:	8.00	Type of exam:	[KL] test
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

622 Modern Experimental Physics for Geophysicists

ECTS-Points:	0.00	Type of exam:	[UE] exercise
Duration of exam:	<i>no details</i>	Art of exam:	[VL] partial examination

Unit 6500 Mathematics

assigned to: 5005 Over-All Account

Corresponding:	6510	Higher Mathematics I
	6520	Higher Mathematics II
	6530	Higher Mathematics III

Modulecode: GEOP B HM 1

Module 6510 Higher Mathematics I

assigned to: 6500 Mathematics

ECTS Points	0.00 ECTS	Semester Weekly Hours:	8,0 hours
Duration of Module:	1 semester	Rotation of Module:	every 2. WS

Corresponding exams:

201 Higher Mathematics I

201 Higher Mathematics I

ECTS-Points:	10.00	Type of exam:	[KL] test
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

Modulecode: GEOP B HM 2

Module 6520 Higher Mathematics II

assigned to: 6500 Mathematics

ECTS Points	0.00 ECTS	Semester Weekly Hours:	8,0 hours
Duration of Module:	1 semester	Rotation of Module:	every 2. SS

Corresponding exams:

202 Higher Mathematics II

202 Higher Mathematics II

ECTS-Points:	10.00	Type of exam:	[KL] test
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

Modulecode: GEOP B HM 3

Module 6530 Higher Mathematics III

assigned to: 6500 Mathematics

ECTS Points	0.00 ECTS	Semester Weekly Hours:	3,0 hours
Duration of Module:	1 semester	Rotation of Module:	every 2. WS

Corresponding exams:

203 Higher Mathematics III

203 Higher Mathematics III

ECTS-Points:	4.00	Type of exam:	[KL] test
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

Unit 6600 Programming

assigned to: 5005 Over-All Account

Corresponding: 6610 Programming

Modulecode: GEOP B PR

Module 6610 Programming

assigned to: 6600 Programming

ECTS Points	6.00 ECTS	Semester Weekly Hours:	4,0 hours
Duration of Module:	1 semester	Rotation of Module:	every 2. SS

Corresponding exams:

171 Programming

171 Programming

ECTS-Points:	6.00	Type of exam:	[KL] test
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

Unit 7200 Classical Physics Laboratory Courses

assigned to: 5005 Over-All Account

Corresponding: 7210 Classical Physics Laboratory Courses I

Modulecode: GEOP B PKP

Module 7210 Classical Physics Laboratory Courses I

assigned to: 7200 Classical Physics Laboratory Courses

ECTS Points	6.00 ECTS	Semester Weekly Hours:	6,0 hours
Duration of Module:	1 semester	Rotation of Module:	every 2. WS

Corresponding exams:

151 Classical Physics Laboratory Courses I

151 Classical Physics Laboratory Courses I

ECTS-Points:	6.00	Type of exam:	[PR] practical work
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

Unit 7300 Area of specialization

assigned to: 5005 Over-All Account

Corresponding:

7310	Geosciences
7320	Physical and Satellite Geodesy
7330	Geoinformatics
7340	Engineering Geology and Hydrogeology

Modulecode: GEOP B VF GW

Module 7310 Geosciences

assigned to: 7300 Area of specialization

ECTS Points 12.00 ECTS

Duration of Module: 2 semester

Rotation of Module: every 2. SS

Corresponding exams:

731	Introduction to Geological Structures and Maps
732	Geological Field Mapping
733	Geological Field Course

731 Introduction to Geological Structures and Maps

ECTS-Points:	4.00	Type of exam:	[KL] test
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

732 Geological Field Mapping

ECTS-Points:	5.00	Type of exam:	[SA]
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

733 Geological Field Course

ECTS-Points:	3.00	Type of exam:	[SA]
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

Modulecode: GEOP B VF PG

Module 7320 Physical and Satellite Geodesy

assigned to: 7300 Area of specialization

ECTS Points 12.00 ECTS

Duration of Module: 3 semester

Rotation of Module: every 2. SS

Corresponding exams:

734	Figure and Gravity Field of the Earth
735	Exercises: Figure and Gravity Field of the Earth
736	Satellite Geodesy and GNSS Positioning
737	Exercises: Satellite Geodesy
738	Exercises: GNSS Positioning
739	GNSS Project

734 Figure and Gravity Field of the Earth

ECTS-Points:	2.00	Type of exam:	[M] oral exam
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

735 Exercises: Figure and Gravity Field of the Earth

ECTS-Points:	2.00	Type of exam:	[UE] exercise
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

736 Satellite Geodesy and GNSS Positioning

ECTS-Points:	3.00	Type of exam:	[M] oral exam
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

737 Exercises: Satellite Geodesy

ECTS-Points:	2.00	Type of exam:	[UE] exercise
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

738 Exercises: GNSS Positioning

ECTS-Points:	2.00	Type of exam:	[UE] exercise
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

739 GNSS Project

ECTS-Points:	1.00	Type of exam:	[PR] practical work
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

Modulecode: GEOP B VF GI

Module 7330 Geoinformatics

assigned to: 7300 Area of specialization

ECTS Points 12.00 ECTS

Duration of Module: 3 semester

Rotation of Module: every 2. SS

Corresponding exams:

740	Remote Sensing Methods
741	Exercises in Remote Sensing Methods
742	Introduction to GIS
743	Exercises : Introduction to GIS
744	Location Based Services
745	Exercises: Location Based Services

740 Remote Sensing Methods

ECTS-Points:	2.00	Type of exam:	[M] oral exam
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

741 Exercises in Remote Sensing Methods

ECTS-Points:	2.00	Type of exam:	[UE] exercise
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

742 Introduction to GIS

ECTS-Points:	2.00	Type of exam:	[KL] test
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

743 Exercises : Introduction to GIS

ECTS-Points:	3.00	Type of exam:	[UE] exercise
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

744 Location Based Services

ECTS-Points:	1.00	Type of exam:	[M] oral exam
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

745 Exercises: Location Based Services

ECTS-Points:	2.00	Type of exam:	[UE] exercise
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

Modulecode: GEOP B VF GI

Module 7340 Engineering Geology and Hydrogeology

assigned to: 7300 Area of specialization

ECTS Points	12.00 ECTS		
Duration of Module:	3 semester	Rotation of Module:	every 2. SS

Corresponding exams:

746	Introduction to Engineering Geology and Hydrogeology
747	Hydrogeology
748	Hydrogeological Field Course
749	Applied Engineering Geology

746 Introduction to Engineering Geology and Hydrogeology

ECTS-Points:	3.00	Type of exam:	[KL] test
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

747 Hydrogeology

ECTS-Points:	5.00	Type of exam:	[KL] test
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

748 Hydrogeological Field Course

ECTS-Points:	3.00	Type of exam:	[PR] practical work
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

749 Applied Engineering Geology

ECTS-Points:	1.00	Type of exam:	[PR] practical work
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

Unit 9000 Key Competences

assigned to: 5005 Over-All Account

Corresponding: 9010 Transferable Skills

Modulecode: GEOP B SQ

Module 9010 Transferable Skills

assigned to: 9000 Key Competences

Rotation of Module: one-time

Corresponding exams:

851	Wildcard
852	Wildcard
853	Wildcard
854	Wildcard
855	Wildcard

851 Wildcard

ECTS-Points:	0.00	Type of exam:	[S]
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

852 Wildcard

ECTS-Points:	0.00	Type of exam:	[S]
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

853 Wildcard

ECTS-Points:	0.00	Type of exam:	[S]
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

854 Wildcard

ECTS-Points:	0.00	Type of exam:	[S]
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination

855 Wildcard

ECTS-Points:	0.00	Type of exam:	[S]
Duration of exam:	<i>no details</i>	Art of exam:	[FP] subject examination