

Amtliche Bekanntmachungen der TU Bergakademie Freiberg

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Modulhandbuch für den Masterstudiengang International Management of Resources and Environment

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Abkürzungen

KA: schriftliche Klausur / written exam

MP: mündliche Prüfung / oral examination

AP: alternative Prüfungsleistung / alternative examination

PVL: Prüfungsvorleistung / prerequisite


MP/KA: mündliche oder schriftliche Prüfungsleistung (abhängig von Teilnehmerzahl) / written or oral examination (dependent on number of students)


SS, SoSe: Sommersemester / sommer semester


WS, WiSe: Wintersemester / winter semester


SX: Lehrveranstaltung in Semester X des Moduls / lecture in module semester x


SWS: Semesterwochenstunden


Data:	INTLAW1. MA. Nr. 2902 / Examination number: 61514	Version: 14.07.2016 	Start Year: WiSe 2016
Module Name:	Aspects of the International Law of Resources & Environment 1		
(English):			
Responsible:	Jaeckel, Liv / Prof.		
Lecturer(s):	Albrecht, Maria		
Institute(s):	Professor of Public and Environmental Law		
Duration:	1 Semester(s)		
Competencies:	The purpose of the cluster is to give an introduction to the basic terms of law and to legal problems related to resources and environment. Students without a law background will be enabled to understand the characteristics of these fields as such, before turning to a range of more specific questions. After completion of the cluster, students should be able to identify the legal issues of simple cases in the fields of law and to decide on them using the established legal methods.		
Contents:	<p>1. General Introduction to Law This part contains the basic legal terms, the introduction to the different fields of law and the interpretation of law.</p> <p>2. Introduction to International and International environmental Law Problems of allocation of resources between states and international environmental problems will be discussed.</p> <p>3. The topics 1 and 2 will also be presented by presented by discussing cases (seminar).</p>		
Literature:	Birnie/Boyle/Redgwell, International Law and the Environment, Oxford University Press		
Types of Teaching:	S1 (WS): Lectures (1 SWS) S1 (WS): Exercises (1 SWS)		
Pre-requisites:	Recommendations: No previous knowledge of law is required.		
Frequency:	yearly in the winter semester		
Requirements for Credit Points:	For the award of credit points it is necessary to pass the module exam. The module exam contains: KA [90 min]		
	Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA [90 min]		
Credit Points:	3		
Grade:	The Grade is generated from the examination result(s) with the following weights (w): KA [w: 1]		
Workload:	The workload is 90h. It is the result of 30h attendance and 60h self-studies. Self-studies include assignments, preparation and wrapping up of lectures as well as preparation of examinations.		


Data:	INTLAW2. MA. Nr. 2921 / Examination number: 61516	Version: 14.07.2016 	Start Year: SoSe 2017
Module Name: (English):	Aspects of the International Law of Resources & Environment 2		
Responsible:	Jaeckel, Liv / Prof.		
Lecturer(s):	Albrecht, Maria		
Institute(s):	Professor of Public and Environmental Law		
Duration:	1 Semester(s)		
Competencies:	Students with the background of Aspects of International Law of Resources & Environment 1 will be enabled to understand the characteristics of cases in International environmental law. After completion of this cluster, students should be able to identify the legal issues of cases in the fields of law discussed and to decide them using the established legal methods		
Contents:	<p>1. The WTO and conflicts between trade and environment The WTO as the only global International organization dealing with the rules of trade between nations. Decisions of the WTO panel regarding conflicts of national environmental protection measures and free trade will be presented.</p> <p>2. European Union and its Environmental Policy Students should gain a basic knowledge of the law-making process in the EU and the characteristics of different types of legal measures.</p> <p>3. The topics 1 and 2 will also be presented by discussing cases (seminar).</p>		
Literature:	Birnie/Boyle/Redgwell, International Law and the Environment, Oxford University Press		
Types of Teaching:	S1 (SS): Lectures (1 SWS) S1 (SS): Seminar (1 SWS)		
Pre-requisites:	Recommendations: Aspects of the International Law of Resources & Environment 1, 2016-07-14		
Frequency:	yearly in the summer semester		
Requirements for Credit Points:	For the award of credit points it is necessary to pass the module exam. The module exam contains: KA [90 min] Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA [90 min]		
Credit Points:	3		
Grade:	The Grade is generated from the examination result(s) with the following weights (w): KA [w: 1]		
Workload:	The workload is 90h. It is the result of 30h attendance and 60h self-studies. Self-studies include assignments, preparation and wrapping up of lectures as well as preparation of examinations.		


Data:	CCE. MA. / Examination number: 60319	Version: 23.01.2020 	Start Year: SoSe 2017
Module Name:	Climate Change Economics		
(English):			
Responsible:	Rübbelke, Dirk / Prof. Dr.		
Lecturer(s):	Rübbelke, Dirk / Prof. Dr.		
Institute(s):	Professor of Economics, esp. Resource Economics		
Duration:	1 Semester(s)		
Competencies:	Students will be able to understand the key aspects of climate change economics. National as well as international issues will be covered.		
Contents:	Among the topics are the economics of adaptation to and mitigation of climate change, international negotiations, climate finance.		
Literature:	<p>Buchholz, W., & Rübbelke, D. (2019). Foundations of Environmental Economics. Springer Texts in Business and Economics.</p> <p>Gintis, H. (2009). Game Theory Evolving: A Problem-Centered Introduction to Modeling Strategic Interaction. Princeton University Press.</p> <p>Perman, R. et al. (2011), Natural Resource & Environmental Economics, Pearson.</p> <p>Tol, R.S.J. (2014), Climate Economics, Edward Elgar.</p> <p>Markandya, A. Galarraga, I. & Rübbelke, D.T.G. (2017), Climate Finance, World Scientific.</p>		
Types of Teaching:	S1 (SS): Lectures (2 SWS) S1 (SS): Exercises (2 SWS)		
Pre-requisites:	Recommendations: Economic Theory: Micro-Economics, 2016-07-12		
Frequency:	yearly in the summer semester		
Requirements for Credit Points:	For the award of credit points it is necessary to pass the module exam. The module exam contains: KA: Written test [60 min] AP: Presentation Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA: schriftliche Klausurarbeit [60 min] AP: Präsentation		
Credit Points:	6		
Grade:	The Grade is generated from the examination result(s) with the following weights (w): KA: Written test [w: 4] AP: Presentation [w: 1]		
Workload:	The workload is 180h. It is the result of 60h attendance and 120h self-studies. Self-studies include assignments, preparation and wrapping up of lectures as well as the preparation of presentations and of examinations.		

Data:	CSRM. MA. Nr. 2908 / Examination number: 62405	Version: 19.02.2018 	Start Year: SoSe 2017
Module Name: (English):	Corporate Sustainability and Risk Management		
Responsible:	Fröhling, Magnus / Prof.		
Lecturer(s):	Fröhling, Magnus / Prof.		
Institute(s):	Professor of Ressourcemanagement		
Duration:	1 Semester(s)		
Competencies:	The students are able to identify, discuss and solve fundamental problems of sustainability and risk management in companies.		
Contents:	<p>Among others the topics of the course comprise:</p> <ul style="list-style-type: none"> • Originis the sustainability concept • Relevance of the sustainability concpet for companies • Methods and tools for the operationalisation of sustainability management, • Relevance of corporate risk management • The risk management cycle • Methods and tools for corporate risk management. 		
Literature:	<ul style="list-style-type: none"> • Anderson (2005): Corporate Survival: The Critical Importance of Sustainability Risk Management, iUniverse • Bertsch (2011): Uncertainty handling in multi-attribute decision support for industrial risk management , KIT Scientific Publishing • Borghesi, Gaudenzi (Eds., 2013): Risk Management, Springer • Merz (2011): Entwicklung einer indikatorenbasierten Methodik zur Vulnerabilitätsanalyse für die Bewertung von Risiken in der industriellen Produktion, KIT Scientific Publishing • Okpara, Idowu (Eds., 2013): Corporate Social Responsibility, Springer • Pojasek, R.B. (2017): Organizational Risk Management and Sustainability: A Practical Step-by-Step Guide, CRC Press • Taticchi, Carbone, Albino (Eds., 2013): Corporate Sustainability, Springer 		
Types of Teaching:	S1 (SS): Lectures (2 SWS) S1 (SS): Exercises (2 SWS)		
Pre-requisites:			
Frequency:	yearly in the summer semester		
Requirements for Credit Points:	<p>For the award of credit points it is necessary to pass the module exam. The module exam contains: KA [90 min]</p> <p>Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA [90 min]</p>		
Credit Points:	6		
Grade:	The Grade is generated from the examination result(s) with the following weights (w): KA [w: 1]		
Workload:	The workload is 180h. It is the result of 60h attendance and 120h self-studies.		

Daten:	DEU A1/ 1.Sem. Nr. 948 / Prüfungs-Nr.: 71101	Stand: 04.08.2017 	Start: WiSe 2016
Modulname:	Deutsch A1/ 1. Semester		
(englisch):	German A 1/ 1st Semester		
Verantwortlich(e):	Bellmann, Kerstin		
Dozent(en):			
Institut(e):	Internationales Universitätszentrum		
Dauer:	1 Semester		
Qualifikationsziele / Kompetenzen:	Im Kurs werden Grundlagen in Phonetik, Orthographie, Grammatik und Lexik vermittelt. Die Teilnehmer erwerben Grundkenntnisse und Grundfertigkeiten im Hören, Sprechen, Lesen und Schreiben auf der Basis der Allgemesinsprache sowie landeskundliche Kenntnisse.		
Inhalte:	Kommunikation im Alltag (Menschen kennen lernen, Einkaufen, Restaurantbesuch, Tagesabläufe, Uhrzeit); Grammatik: zum Beispiel Fragestellungen, Zahlen, Konjugation der Verben, Präsens und Präteritum, Mengenangaben, Plural der Nomen, Komposita		
Typische Fachliteratur:	Begegnungen A1+, Schubert Verlag		
Lehrformen:	S1 (WS): Übung (4 SWS)		
Voraussetzungen für die Teilnahme:	Empfohlen: Keine Vorkenntnisse der deutschen Sprache notwendig		
Turnus:	jährlich im Wintersemester		
Voraussetzungen für die Vergabe von Leistungspunkten:	Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA [90 min] PVL: Erfolgreiche aktive Teilnahme an mindestens 80% des Unterrichts PVL müssen vor Prüfungsantritt erfüllt sein bzw. nachgewiesen werden.		
Leistungspunkte:	4		
Note:	Die Note ergibt sich entsprechend der Gewichtung (w) aus folgenden(r) Prüfungsleistung(en): KA [w: 1]		
Arbeitsaufwand:	Der Zeitaufwand beträgt 120h und setzt sich zusammen aus 60h Präsenzzeit und 60h Selbststudium.		


Daten:	DEU A1/ 2. Sem. BA. Nr. 949 / Prüfungs-Nr.: 71102	Stand: 04.08.2017 	Start: SoSe 2017
Modulname:	Deutsch A1/ 2. Semester		
(englisch):	German A1/ 2nd Semester		
Verantwortlich(e):	Bellmann, Kerstin		
Dozent(en):			
Institut(e):	Internationales Universitätszentrum		
Dauer:	1 Semester		
Qualifikationsziele / Kompetenzen:	Im Kurs werden Grundlagen in Phonetik, Orthographie, Grammatik und Lexik vermittelt. Die Teilnehmer erwerben Grundkenntnisse und Grundfertigkeiten im Hören, Sprechen, Lesen und Schreiben auf der Basis der Alltagsprache sowie landeskundliche Kenntnisse.		
Inhalte:	Orientierung in der Stadt beziehungsweise in der Firma, öffentliche Verkehrsmittel, Wegbeschreibung, Berufe und Arbeitsalltag, Körper und Gesundheit, Wohnungssuche und -einrichtung, Lebenslauf, Kleidung; Grammatik: zum Beispiel Präpositionen, Frageartikel, Modalverben, Possessivartikel, Perfekt, Konjunktionen, Demonstrativpronomen, Graduierung und Komparativ		
Typische Fachliteratur:	Begegnungen A1+, Schubert Verlag		
Lehrformen:	S1 (SS): Übung (4 SWS)		
Voraussetzungen für die Teilnahme:	Obligatorisch: Deutsch A1/ 1. Semester, 2015-08-26 oder äquivalente Sprachkenntnisse		
Turnus:	jährlich im Sommersemester		
Voraussetzungen für die Vergabe von Leistungspunkten:	Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA [90 min] PVL: Aktive Teilnahme am Unterricht (mindestens 80%) PVL müssen vor Prüfungsantritt erfüllt sein bzw. nachgewiesen werden.		
Leistungspunkte:	4		
Note:	Die Note ergibt sich entsprechend der Gewichtung (w) aus folgenden(r) Prüfungsleistung(en): KA [w: 1]		
Arbeitsaufwand:	Der Zeitaufwand beträgt 120h und setzt sich zusammen aus 60h Präsenzzeit und 60h Selbststudium. Der Zeitaufwand beträgt 120 Stunden und setzt sich zusammen aus 60 Stunden Präsenzzeit und 60 Stunden Selbststudium.		


Daten:	DEU A2/1. Sem. BA.Nr. 950 / Prüfungs-Nr.: 71103	Stand: 04.08.2017 	Start: WiSe 2016
Modulname:	Deutsch A2/ 1. Semester		
(englisch):	German A2/ 1st Semester		
Verantwortlich(e):	Bellmann, Kerstin		
Dozent(en):			
Institut(e):	Internationales Universitätszentrum		
Dauer:	1 Semester		
Qualifikationsziele / Kompetenzen:	Die Teilnehmer erweitern ihre Kenntnisse zu Grundlagen der deutschen Grammatik sowie ihren alltagspraktischen Wortschatz und führen Gespräche zu verschiedenen Themen des Alltags.		
Inhalte:	Familie und Verwandtschaft, Feste und Feiern in Deutschland, Wohnung und Wohnungseinrichtung, Schule und Ausbildung, Aussehen und Mode, Jahreszeiten, Wetter und Urlaub, Aspekte der Geschichte (Deutschland, Österreich, Schweiz); Grammatik: z.B. Nebensätze mit weil, wenn, dass; Rektion der Verben; Ordinalzahlen; Präpositionen; Reflexivpronomen; Zukunft ausdrücken; Adjektivdeklination		
Typische Fachliteratur:	Begegnungen A2+, Schubert Verlag		
Lehrformen:	S1 (WS): Übung (4 SWS)		
Voraussetzungen für die Teilnahme:	Obligatorisch: Deutsch A1/ 2. Semester, 2015-08-26 oder äquivalente Sprachkenntnisse		
Turnus:	jährlich im Wintersemester		
Voraussetzungen für die Vergabe von Leistungspunkten:	Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA [90 min] PVL: Erfolgreiche aktive Teilnahme an mind. 80% d. Unterrichts PVL müssen vor Prüfungsantritt erfüllt sein bzw. nachgewiesen werden.		
Leistungspunkte:	4		
Note:	Die Note ergibt sich entsprechend der Gewichtung (w) aus folgenden(r) Prüfungsleistung(en): KA [w: 1]		
Arbeitsaufwand:	Der Zeitaufwand beträgt 120h und setzt sich zusammen aus 60h Präsenzzeit und 60h Selbststudium.		


Daten:	DEUA/2.Sem BA.Nr. 951 / Prüfungs-Nr.: 71105	Stand: 26.08.2015 	Start: SoSe 2017
Modulname:	Deutsch A2/ 2. Semester		
(englisch):	German A2/ 2nd Semester		
Verantwortlich(e):	Bellmann, Kerstin		
Dozent(en):			
Institut(e):	Internationales Universitätszentrum		
Dauer:	1 Semester		
Qualifikationsziele / Kompetenzen:	Die Teilnehmer erweitern ihre Kenntnisse zu Grundlagen der deutschen Grammatik sowie ihren alltagspraktischen Wortschatz und führen Gespräche zu verschiedenen Themen des Alltags.		
Inhalte:	Freizeitaktivitäten (Sport, Vereine), Arbeit und Arbeitssuche, Politik in Deutschland, Städte (Leipzig, Berlin), Verkehr und Verkehrsmittel, Medien, Fernsehen in Deutschland, Kulturelle Unterschiede; Grammatik: z.B. Indefinita, Relativsätze, Nebensätze mit bevor, bis, als, deshalb, wenn, Konjunktiv II,		
Typische Fachliteratur:	Begegnungen A2+, Schubert Verlag		
Lehrformen:	S1 (SS): Übung (4 SWS)		
Voraussetzungen für die Teilnahme:	Obligatorisch: Deutsch A2/ 1. Semester, 2015-08-26 oder äquivalente Sprachkenntnisse		
Turnus:	jährlich im Sommersemester		
Voraussetzungen für die Vergabe von Leistungspunkten:	Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA [90 min] PVL: Erfolgreiche aktive Teilnahme an mind. 80% d. Unterrichts PVL müssen vor Prüfungsantritt erfüllt sein bzw. nachgewiesen werden.		
Leistungspunkte:	4		
Note:	Die Note ergibt sich entsprechend der Gewichtung (w) aus folgenden(r) Prüfungsleistung(en): KA [w: 1]		
Arbeitsaufwand:	Der Zeitaufwand beträgt 120h und setzt sich zusammen aus 60h Präsenzzeit und 60h Selbststudium.		


Daten:	DEUB1/1.Sem. Nr. 952 / Prüfungs-Nr.: 71104	Stand: 04.08.2017 	Start: WiSe 2016
Modulname:	Deutsch B1/ 1.Semester		
(englisch):	German B1/ 1st Semester		
Verantwortlich(e):	Bellmann, Kerstin		
Dozent(en):			
Institut(e):	Internationales Universitätszentrum		
Dauer:	1 Semester		
Qualifikationsziele / Kompetenzen:	Die Teilnehmer bauen die in den Modulen Deutsch A1 und A2 erworbenen sprachlichen Kenntnisse und Fertigkeiten unter besonderer Berücksichtigung der mündlichen Kommunikation aus. Sie wiederholen und erweitern ihren Wortschatz. Auf der Basis aktueller und historischer Texte erhalten die Teilnehmer landeskundliche Informationen über die Bundesrepublik Deutschland.		
Inhalte:	Zusammenleben der Menschen in Deutschland (Wohn- und Lebensformen, Vorstellungen über berufliche Entwicklung und Freizeitgestaltung, Konsumverhalten, Beziehung zur Natur)		
Typische Fachliteratur:	Begegnungen B1+, Schubert Verlag		
Lehrformen:	S1 (WS): Übung (4 SWS)		
Voraussetzungen für die Teilnahme:	Obligatorisch: Deutsch A2/ 2. Semester, 2015-08-26 oder äquivalente Sprachkenntnisse		
Turnus:	jährlich im Wintersemester		
Voraussetzungen für die Vergabe von Leistungspunkten:	Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA [90 min] PVL: Erfolgreiche aktive Teilnahme an mind. 80% d. Unterrichts PVL müssen vor Prüfungsantritt erfüllt sein bzw. nachgewiesen werden.		
Leistungspunkte:	4		
Note:	Die Note ergibt sich entsprechend der Gewichtung (w) aus folgenden(r) Prüfungsleistung(en): KA [w: 1]		
Arbeitsaufwand:	Der Zeitaufwand beträgt 120h und setzt sich zusammen aus 60h Präsenzzeit und 60h Selbststudium.		


Daten:	DEUB1/2. Sem. 953 / Prüfungs-Nr.: 71106	Stand: 26.08.2015 	Start: SoSe 2017
Modulname:	Deutsch B1/ 2. Semester		
(englisch):	German B1/ 2nd Semester		
Verantwortlich(e):	Bellmann, Kerstin		
Dozent(en):			
Institut(e):	Internationales Universitätszentrum		
Dauer:	1 Semester		
Qualifikationsziele / Kompetenzen:	Die Teilnehmer bauen die in dem Modul Deutsch b1/1.Semester erworbenen sprachlichen Kenntnisse und Fertigkeiten unter besonderer Berücksichtigung der mündlichen Kommunikation aus. Sie wiederholen und erweitern ihren Wortschatz. Auf der Basis aktueller und historischer Texte erhalten die Teilnehmer landeskundliche Informationen über die Bundesrepublik Deutschland.		
Inhalte:	Zusammenleben der Menschen in Deutschland (Wohn- und Lebensformen, Vorstellungen über berufliche Entwicklung und Freizeitgestaltung, Konsumverhalten, Beziehung zur Natur)		
Typische Fachliteratur:	Begegnungen B1+, Schubert Verlag		
Lehrformen:	S1 (SS): Übung (4 SWS)		
Voraussetzungen für die Teilnahme:	Obligatorisch: Deutsch B1/ 1.Semester, 2015-08-26 oder äquivalente Sprachkenntnisse		
Turnus:	jährlich im Sommersemester		
Voraussetzungen für die Vergabe von Leistungspunkten:	Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA [90 min] PVL: Erfolgreiche aktive Teilnahme an mind. 80% d. Unterrichts PVL müssen vor Prüfungsantritt erfüllt sein bzw. nachgewiesen werden.		
Leistungspunkte:	4		
Note:	Die Note ergibt sich entsprechend der Gewichtung (w) aus folgenden(r) Prüfungsleistung(en): KA [w: 1]		
Arbeitsaufwand:	Der Zeitaufwand beträgt 120h und setzt sich zusammen aus 60h Präsenzzeit und 60h Selbststudium.		

Daten:	B2.1 BA. Nr. 3636 / Prüfungs-Nr.: 70311	Stand: 04.08.2017 	Start: WiSe 2016
Modulname:	Deutsch B2/ 1. Semester		
(englisch):	German B2/ 1st Semester		
Verantwortlich(e):	Bellmann, Kerstin		
Dozent(en):			
Institut(e):	Internationales Universitätszentrum		
Dauer:	1 Semester		
Qualifikationsziele / Kompetenzen:	Die Teilnehmer bauen ihre sprachlichen Kenntnisse und Fertigkeiten auf dem Niveau B2 aus. Sie wiederholen und erweitern ihren Wortschatz. Mithilfe handlungsorientierter Aufgaben und Aktivitäten machen die Teilnehmer sich vertraut mit Lernstrategien, Grammatik, Wortschatz, Landeskunde und interkulturellen Aspekten. Die Teilnehmer verstehen und bearbeiten authentische Texte im Lesen, Hören, Sprechen und Schreiben.		
Inhalte:	Leben in Deutschland und im Ausland, verbale und non-verbale Kommunikation, Berufsleben, Zusammenleben in Gesellschaft & Familie, Wissenschaft, Grammatik (u.a. Negation, Konnektoren, Satzbau, Nominalisierung, Passivformen)		
Typische Fachliteratur:	Aspekte B2 (ISBN: 978-3-12-606012-7)		
Lehrformen:	S1 (WS): Übung (4 SWS)		
Voraussetzungen für die Teilnahme:	Obligatorisch: Abgeschlossenes B1-Niveau		
Turnus:	jährlich im Wintersemester		
Voraussetzungen für die Vergabe von Leistungspunkten:	Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA [90 min] PVL: Mind. Anwesenheit 80 % PVL müssen vor Prüfungsantritt erfüllt sein bzw. nachgewiesen werden.		
Leistungspunkte:	4		
Note:	Die Note ergibt sich entsprechend der Gewichtung (w) aus folgenden(r) Prüfungsleistung(en): KA [w: 1]		
Arbeitsaufwand:	Der Zeitaufwand beträgt 120h und setzt sich zusammen aus 60h Präsenzzeit und 60h Selbststudium.		

Daten:	B2.2 BA. Nr. / Prüfungs-Nr.: 70312	Stand: 04.04.2016 	Start: SoSe 2017
Modulname:	Deutsch B2/ 2. Semester		
(englisch):	German B2/ 2nd Semester		
Verantwortlich(e):	Bellmann, Kerstin		
Dozent(en):	Bellmann, Kerstin		
Institut(e):	Internationales Universitätszentrum		
Dauer:	1 Semester		
Qualifikationsziele / Kompetenzen:	Die Teilnehmer bauen ihre sprachlichen Kenntnisse und Fertigkeiten auf dem Niveau B2 aus. Sie wiederholen und erweitern ihren Wortschatz. Mithilfe handlungsorientierter Aufgaben und Aktivitäten machen die Teilnehmer sich vertraut mit Lernstrategien, Grammatik, Wortschatz, Landeskunde und interkulturellen Aspekten. Die Teilnehmer verstehen und bearbeiten authentische Texte im Lesen, Hören, Sprechen und Schreiben.		
Inhalte:	Kultur & Geschichte, Fertigkeiten im Berufsleben (z.B. Telefonieren) deutsche Geschichte, Literatur, Zukunftsvisionen, Grammatik (u.a. Partizipien, indirekte Rede, Konjunktiv I & II, Funktionverbgefüge)		
Typische Fachliteratur:	Aspekte B2 (ISBN: 978-3-12-606012-7)		
Lehrformen:	S1 (SS): Übung (4 SWS)		
Voraussetzungen für die Teilnahme:	Obligatorisch: Deutsch B2/ 1. Semester, 2016-04-04 abgeschlossenes B1-Niveau		
Turnus:	jährlich im Sommersemester		
Voraussetzungen für die Vergabe von Leistungspunkten:	Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA [90 min] PVL: Mind. Anwesenheit 80 % PVL müssen vor Prüfungsantritt erfüllt sein bzw. nachgewiesen werden.		
Leistungspunkte:	4		
Note:	Die Note ergibt sich entsprechend der Gewichtung (w) aus folgenden(r) Prüfungsleistung(en): KA [w: 1]		
Arbeitsaufwand:	Der Zeitaufwand beträgt 120h und setzt sich zusammen aus 60h Präsenzzeit und 60h Selbststudium.		

Data:	ECOTHE. MA. Nr. 2900 / Examination number: 61416	Version: 12.07.2016 	Start Year: SoSe 2017
Module Name:	Economic Theory: Macro-Economics		
(English):			
Responsible:	Schönfelder, Bruno / Prof. Dr.		
Lecturer(s):	Schönfelder, Bruno / Prof. Dr.		
Institute(s):	Professor of Economics		
Duration:	1 Semester(s)		
Competencies:	Students are able to discuss macro-economic problems on an intermediate level.		
Contents:	The course relates to all relevant issues of macro-economics, such as national output and income, aggregate demand and supply, employment, fiscal and monetary policy.		
Literature:	Abel/Bernanke/Croushore (2013): Macroeconomics. Pearson.		
Types of Teaching:	S1 (SS): Lectures (2 SWS) S1 (SS): Exercises (2 SWS)		
Pre-requisites:	Recommendations: No previous knowledge of economics is required.		
Frequency:	yearly in the summer semester		
Requirements for Credit Points:	For the award of credit points it is necessary to pass the module exam. The module exam contains: KA [90 min] PVL: A midterm test and the fulfilment of up to three assignments. Further details are announced in class. PVL have to be satisfied before the examination. Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA [90 min] PVL: Ein Zwischentest und Abgabe von bis zu drei Belegarbeiten. Genaueres wird in der Veranstaltung bekannt gegeben. PVL müssen vor Prüfungsantritt erfüllt sein bzw. nachgewiesen werden.		
Credit Points:	6		
Grade:	The Grade is generated from the examination result(s) with the following weights (w): KA [w: 1]		
Workload:	The workload is 180h. It is the result of 60h attendance and 120h self-studies. Self-studies include assignments, preparation and wrapping up of lectures as well as preparation of presentations and of examinations.		


Data:	ECOTHE. MA. Nr. 3420 / Examination number: 61415	Version: 12.07.2016 	Start Year: WiSe 2016
Module Name:	Economic Theory: Micro-Economics		
(English):			
Responsible:	Schönfelder, Bruno / Prof. Dr.		
Lecturer(s):	Schönfelder, Bruno / Prof. Dr.		
Institute(s):	Professor of Economics		
Duration:	1 Semester(s)		
Competencies:	Students become proficient in microeconomic theory (at an intermediate level).		
Contents:	The course offers an overview of all relevant micro-economic topics such as the economics of the firm, supply and demand, market structures, competition and monopoly, labor markets.		
Literature:	Friedman, D. (1996): Hidden Order. New York; Varian, H. (2014): Intermediate Microeconomics, New York.		
Types of Teaching:	S1 (WS): Lectures (2 SWS) S1 (WS): Exercises (2 SWS)		
Pre-requisites:	Recommendations: Students should be familiar with calculus.		
Frequency:	yearly in the winter semester		
Requirements for Credit Points:	For the award of credit points it is necessary to pass the module exam. The module exam contains: KA [90 min] PVL: A midterm test, further details are announced in class PVL have to be satisfied before the examination. Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA [90 min] PVL: Zwischenprüfung, Genaueres wird in der Veranstaltung bekannt gegeben PVL müssen vor Prüfungsantritt erfüllt sein bzw. nachgewiesen werden.		
Credit Points:	6		
Grade:	The Grade is generated from the examination result(s) with the following weights (w): KA [w: 1]		
Workload:	The workload is 180h. It is the result of 60h attendance and 120h self-studies. Self-studies include assignments, preparation and wrapping up of lectures as well as preparation of presentations and of examinations.		

Data:	ENVMGTPOL. MA. Nr. 2909 / Examination number: 62403	Version: 31.05.2018 	Start Year: WiSe 2018
Module Name:	Environmental Management and Policies		
(English):			
Responsible:	Fröhling, Magnus / Prof.		
Lecturer(s):	Fröhling, Magnus / Prof.		
Institute(s):	Professor of Ressourcemanagement		
Duration:	1 Semester(s)		
Competencies:	Students are able to identify and explain environmental issues accruing in companies. They explain the origin of environmental impacts, the framework which has to be considered and are able to apply selected methods and tools to solve (simplified) problems accruing in practice. They discuss the status of these methods and tools with regard to real problem instances and the current scientific literature and political discussion.		
Contents:	<p>The course covers among others:</p> <ul style="list-style-type: none"> • Environmental impacts of industrial and business activities, • Societal, economic and legal frameworks of environmental protection, • Environmental Management Systems, and • Methods and tools of Cleaner Production. 		
Literature:	<ul style="list-style-type: none"> • Calow (1999): Blackwells Concise Encyclopedia of Environmental Management, John Wiley & Sons • Dobson (2016): Environmental Politics, Oxford University Press • Russo (2008): Environmental Management: Readings and Cases, Sage Pubn • Schaltegger, Burritt, Petersen (2003): An Introduction to Corporate Environmental Management, Greenleaf Publishing • Tinsley, Pillai (2016): Environmental Management Systems: Understanding Organizational Drivers and Barriers, Routledge 		
Types of Teaching:	<p>S1 (WS): Lecture Environmental Management and Policies / Lectures (2 SWS)</p> <p>S1 (WS): Tutorial Environmental Management and Policies / Exercises (2 SWS)</p>		
Pre-requisites:			
Frequency:	yearly in the winter semester		
Requirements for Credit Points:	<p>For the award of credit points it is necessary to pass the module exam.</p> <p>The module exam contains:</p> <p>KA [90 min]</p> <p>Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst:</p> <p>KA [90 min]</p>		
Credit Points:	6		
Grade:	<p>The Grade is generated from the examination result(s) with the following weights (w):</p> <p>KA [w: 4]</p>		
Workload:	The workload is 180h. It is the result of 60h attendance and 120h self-studies.		


Data:	COSTAC. MA. Nr. 3497 / Examination number: 60619	Version: 29.04.2019	Start Year: WiSe 2010
Module Name: (English):	Financial Reporting, Cost Accounting & Controlling		
Responsible:	Sopp, Karina / Prof. Dr.		
Lecturer(s):	Sopp, Karina / Prof. Dr.		
Institute(s):	Professor of Entrepreneurship and Corporate Taxation		
Duration:	1 Semester(s)		
Competencies:	Students will be enabled to prepare (consolidated) financial statements according to IFRS (International Financial Reporting Standards) and to apply different methods of cost accounting and controlling to provide the management with guidance for operational and strategic decisions.		
Contents:	<ul style="list-style-type: none"> • Requirements to prepare (consolidated) financial statements; • IFRS: Main principles; • Evaluation and recognition regulations according to IFRS; • Cost Accounting and Controlling. 		
Literature:	Horngren, C.; Bhimani; A., et al. (2007): Management and Cost Accounting, New Jersey. Horngren, C.; Foster, G.; et al. (2008): Cost Accounting, New Jersey.		
Types of Teaching:	S1 (WS): Lectures (1 SWS) S1 (WS): Exercises (1 SWS)		
Pre-requisites:	Recommendations: No previous knowledge is required.		
Frequency:	yearly in the winter semester		
Requirements for Credit Points:	For the award of credit points it is necessary to pass the module exam. The module exam contains: KA [90 min]		
	Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA [90 min]		
Credit Points:	3		
Grade:	The Grade is generated from the examination result(s) with the following weights (w): KA [w: 1]		
Workload:	The workload is 90h. It is the result of 30h attendance and 60h self-studies.		


Data:	HRMOB. MA. Nr. 3203 / Examination number: 61008	Version: 14.02.2017	Start Year: SoSe 2011
Module Name:	Human Resource Management and Organizational Behavior (HRMOB)		
(English):			
Responsible:	Stumpf-Wollersheim, Jutta / Prof. Dr. rer. pol.		
Lecturer(s):	Stumpf-Wollersheim, Jutta / Prof. Dr. rer. pol.		
Institute(s):	International Management and Strategy		
Duration:	1 Semester(s)		
Competencies:	<p>The primary objective of this course is to help you learn to diagnose management situations so that you will be able to transfer this skill to your working world.</p> <p>Specific objectives of the course include:</p> <ol style="list-style-type: none"> 1. Understanding the relevance of human resources for organizations and the key concepts of human behavior in organizations. 2. Appreciating how the human side of management is an essential complement to the technical skills you are learning in other courses. 3. Learning concepts and approaches that will enable you to analyze HR- and organizational problems and to develop appropriate solutions. 4. Developing the knowledge and skills you need to be a successful manager of yourself and others. 		
Contents:	<ol style="list-style-type: none"> 1. Introduction 2. Organizational Behavior (OB) <ol style="list-style-type: none"> 2.1 Individual level (foundations of individual behavior; impacts of individual characteristics; impact of situational factors) 2.2 Group level (foundations of group behavior, understanding work teams; group processes e.g., learning in teams) 2.3 Leadership 3. Human Resource Management (HRM) <ol style="list-style-type: none"> 3.1 Changing Nature of HRM 3.2 HRM Planning 3.3 Human Resource Adjustments 3.4 Training and Developing HR 3.5 Compensating HR <p>Presentations and Conclusions</p>		
Literature:	<p>Mathis, R.L.; Jackson, J.H.: „Human Resource Management“, South Western College Publishing: Cincinnati 2006</p> <p>Judge, T.A.; Robbins, S.P.: „Organizational Behavior“, Pearson Prentice Hall: Upper Saddle River, N.J. 2016</p>		
Types of Teaching:	S1 (SS): Lectures (2 SWS)		
Pre-requisites:	Recommendations: None		
Frequency:	yearly in the summer semester		
Requirements for Credit Points:	<p>For the award of credit points it is necessary to pass the module exam.</p> <p>The module exam contains:</p> <p>KA: Final test [90 min]</p> <p>Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst:</p> <p>KA: Abschlussklausur [90 min]</p>		
Credit Points:	3		
Grade:	The Grade is generated from the examination result(s) with the following		

	weights (w): KA: Final test [w: 1]
Workload:	The workload is 90h. It is the result of 30h attendance and 60h self-studies.

Data:	IMRES. MA. Nr. 3558 / Examination number: 69908	Version: 15.07.2016 	Start Year: SoSe 2017
Module Name:	IMRE Seminar		
(English):			
Responsible:	Fröhling, Magnus / Prof.		
Lecturer(s):	Höck, Michael / Prof. Dr. Schönfelder, Bruno / Prof. Dr. Albrecht, Helmuth / Prof. Dr. Enke, Margit / Prof. Dr. Hinner, Michael B. / Prof. Dr. Stephan, Johannes / Prof. Dr. Horsch, Andreas / Prof. Dr. Grosse, Diana / Prof. Dr. Jäckel, Hans-Georg / Dr.-Ing. Bongaerts, Jan C. / Prof. Dr. Rübbelke, Dirk / Prof. Dr.		
Institute(s):	Professor of Industrial Management, Production Management and Logistics Professor of Economics Institute of Industrial Archeology and History of Science and Technology Professor of Marketing and International Trade Professor of Business English, Business Communication and Intercultural Communication Professor of International Resource Policy and Economic Development Professor of Investment and Finance Professor of Innovation Management Institute of Mineral Processing Machines Professor of Environmental & Resource Management Professor of Economics, esp. Resource Economics Professor of Ressourcemanagement		
Duration:	1 Semester(s)		
Competencies:	<p>The seminar is aimed at enabling students for scientific work. For a given problem, the students are able to</p> <ul style="list-style-type: none"> • find, structure and analyse relevant literature, • solve the problem scientifically, • discuss the solution critically, • summarize the work in a seminar thesis and a presentation, and <p>discuss and defend their work.</p>		
Contents:	Current topics of business administration, economics, law, energy, resource and environmental management. These are announced by the chairs of the faculty.		
Literature:	<ul style="list-style-type: none"> • Dichtl, E.(1996): Deutsch für Ökonomen. Vahlen, München. • Eco, U. (2000): Wie man eine wissenschaftliche Abschlußarbeit schreibt: Doktor-, Diplom- und Magisterarbeit in den Geistes- und Sozialwissenschaften. Müller, Heidelberg, 8. Aufl.. • Karmasin, M. und R. Ribing (2002): Die Gestaltung wissenschaftlicher Arbeiten: ein Leitfaden für Haus-, Seminar- und Diplomarbeiten sowie Dissertationen. Facultas-Verlag, Wien, 3. Aufl.. • Scholz, D. (2001): Diplomarbeiten normgerecht verfassen. Schreibratgeber zur Gestaltung von Studien, Diplom- und Doktorarbeiten. Vogel, Würzburg, 1. Aufl.. 		


	<ul style="list-style-type: none"> • Glinz, M. (2003): Grundlagen und Techniken des wissenschaftlichen Arbeitens. http://www.ifi.unizh.ch/groups/req/ftp/wap/grundlagen.pdf, 18.04.2005. • Corsten, H. und J. Deppe (2002): Technik des wissenschaftlichen Arbeitens: Wege zum erfolgreichen Studieren. Oldenbourg, München/Wien, 2. Aufl..
Types of Teaching:	S1 (SS): Instruction, consultations, workshops, presentation in a predefined time / Seminar / Seminar (2 SWS)
Pre-requisites:	
Frequency:	yearly in the summer semester
Requirements for Credit Points:	<p>For the award of credit points it is necessary to pass the module exam. The module exam contains:</p> <p>AP*: Seminar Thesis AP*: Presentation and Discussion [20 to 30 min]</p> <p>* In modules requiring more than one exam, this exam has to be passed or completed with at least "ausreichend" (4,0), respectively.</p> <p>Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst:</p> <p>AP*: Seminararbeit AP*: Seminarpräsentation & Diskussion [20 bis 30 min]</p> <p>* Bei Modulen mit mehreren Prüfungsleistungen muss diese Prüfungsleistung bestanden bzw. mit mindestens "ausreichend" (4,0) bewertet sein.</p>
Credit Points:	3
Grade:	<p>The Grade is generated from the examination result(s) with the following weights (w):</p> <p>AP*: Seminar Thesis [w: 3] AP*: Presentation and Discussion [w: 1]</p> <p>* In modules requiring more than one exam, this exam has to be passed or completed with at least "ausreichend" (4,0), respectively.</p>
Workload:	The workload is 90h. It is the result of 30h attendance and 60h self-studies.


Data:	OMIS. MA. Nr. 2903 / Examination number: 60517	Version: 06.07.2016 	Start Year: WiSe 2016
Module Name:	Information Management		
(English):			
Responsible:	Felden, Carsten / Prof. Dr.		
Lecturer(s):	Felden, Carsten / Prof. Dr.		
Institute(s):	Institute of Information Management and Management Information Systems		
Duration:	1 Semester(s)		
Competencies:	Students get a general view to understand integration of business and technology in companies. This course provides a comprehensive and integrative understanding of essential new technologies, information system applications, and their impact on business models and managerial decision making. From a managerial perspective, the course addresses an application of concepts regarding hardware, software, and data organization. The students will understand and apply basics of information systems with a focus on economic issues as well as the significance of information systems for companies and the practical information and communication technologies to increase the efficiency and effectiveness of information systems.		
Contents:	<ol style="list-style-type: none"> 1. Introduction: the domain of business information systems 2. Organizations and systems 3. Data, information, and knowledge 4. Information systems, and organizational infrastructure 5. Communication infrastructure 6. ICT systems infrastructure 7. The business environment 8. Electronic business, electronic commerce, and electronic government 9. Assessing the use and impact of information systems 10. Planning, strategy, and management 11. Services, projects and operations 12. Information systems development 13. Successful informatics practice 		
Literature:	Beynon-Davies, P.: Business Information System, Palgrave Macmilian edition 2, London, 2013 Bocij, P.; Business Information System, Global Edition, Pearson Education LTD, Harlow, 2014 Laudon, K.; Laudon, J.: Management Information Systems, edition 14, Pearson Education, Prentice Hall, 2015.		
Types of Teaching:	Lecture / Lectures (2 SWS) Recitation / Exercises (2 SWS)		
Pre-requisites:			
Frequency:	yearly in the winter semester		
Requirements for Credit Points:	For the award of credit points it is necessary to pass the module exam. The module exam contains: KA [90 min]		
	Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA [90 min]		
Credit Points:	6		
Grade:	The Grade is generated from the examination result(s) with the following weights (w): KA [w: 1]		
Workload:	The workload is 180h. It is the result of 60h attendance and 120h self-		

Data:	IDEVRES. MA. Nr. 3417 / Examination number: 62005	Version: 22.01.2020 	Start Year: SoSe 2013
Module Name:	International Development and Resources		
(English):			
Responsible:	Stephan, Johannes / Prof. Dr.		
Lecturer(s):	Stephan, Johannes / Prof. Dr.		
Institute(s):	Professor of International Resource Policy and Economic Development		
Duration:	1 Semester(s)		
Competencies:	<p>Students will be able to understand the implications of management of firms in the environment of developing economies. Companies involved in a region that is characterised by much lower levels of economic development face particular challenges in the management: they have to consider the implications that development strategies, both national and coordinated by international organisations and NGOs, have on their activities.</p> <p>Of particular relevance in developing economies is the role of natural resources that are often abundant and currently their most precious source of national welfare. Students acquire the understanding that natural resources can easily turn into a curse, if they are not included into a coherent national development policy. Those include most prominently export-oriented policies, state-aid policies and the development of national champions, the attraction of foreign direct investments, and incentive systems for outward investment.</p>		
Contents:	<p>Part I - Economic development and emerging markets</p> <p>I.1 Foreign exchange and economic development</p> <p>I.2 Reminder of trade theory and politics</p> <p>I.3 Characteristics of developed, emerging, and developing countries</p> <p>I.4 Theories of Economic Development: Overview</p> <p>I.5 Development Policies: Approaches, Failures, and New Consensus?</p> <p>I.6 The Chinese way: infrastructure for development</p> <p>Part II - The role of natural resources for economic development</p> <p>II.1 Natural resources and environment as production factor</p> <p>II.2 The concept of the resource curse in general</p> <p>II.3 Concepts for a benign role of resources for development ("Successful resource-based development")</p> <p>II.4 The economics of export restrictions of depletable resources (example rare earth, other critical resources)</p> <p>Part III - Wrapping up and discussions in class, using the form of the political debate</p> <p>III.1 The system of the political debate</p> <p>III.2 Suggested topics for debate</p>		
Literature:	<p>Reading for Part I</p> <p>Todaro, M. P. (2006): Economic Development, 9th edition, Addison Wesley, NY</p> <p>Clark, D.A. (ed) (2006) The Elgar Companion to Development Studies, EE.</p> <p>World Bank Development Reports (annual)</p> <p>Journal articles from e.g. "World Development"; "World Bank Economic Review"; "Journal of Development Economics"</p> <p>Reading for Part II</p> <p>Andersen, A. D. and B. Johnson (2014) Monocausalism versus Systems Approach to Development ' The Possibility of Natural Resource-based Development. <i>Institutions and Economies</i>, Vol. 6, No. 2, pp. 27-54</p> <p>van den Ploeg (2011) Natural Resources: Curse or Blessing? <i>Journal of</i></p>		


	<p><i>Economic Literature</i> 49/2, pp. 366-420 Gylfason 2001 Natural resources, education, and economic development Sachs Warner 1997 Natural Resource Abundance and Economic Growth (pdf-file freely available from NBER Working Papers Series)</p>
Types of Teaching:	<p>S1 (SS): Lectures (2 SWS) S1 (SS): Exercises (2 SWS)</p>
Pre-requisites:	<p>Recommendations: Knowledge of micro-economics and macro-economics at Bachelor level equivalent to 6 ECTS points each is required to be able to follow teaching and tutorials in the module and successfully complete the module.</p>
Frequency:	yearly in the summer semester
Requirements for Credit Points:	<p>For the award of credit points it is necessary to pass the module exam. The module exam contains: KA [90 min] PVL: Presentations and accompanying papers [15 min] PVL have to be satisfied before the examination.</p> <p>Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA [90 min] PVL: Präsentationen und Hausarbeiten [15 min] PVL müssen vor Prüfungsantritt erfüllt sein bzw. nachgewiesen werden.</p>
Credit Points:	6
Grade:	<p>The Grade is generated from the examination result(s) with the following weights (w): KA [w: 1]</p>
Workload:	The workload is 180h. It is the result of 60h attendance and 120h self-studies.

Data:	IIMRE MA. Nr. 3692 / Examination number: -	Version: 22.01.2020	Start Year: SoSe 2020
Module Name:	Internship [IMRE]		
(English):			
Responsible:	Stephan, Johannes / Prof. Dr.		
Lecturer(s):			
Institute(s):	Professor of International Resource Policy and Economic Development		
Duration:	41 Day(s)		
Competencies:	The objective of the internship is to allow students to apply the knowledge acquired during their studies in practice.		
Contents:			
Literature:			
Types of Teaching:	S1: project		
Pre-requisites:	Mandatory: Prüfung auf Übereinstimmung der Ziele des Praktikums mit den Zielen des Studienganges durch den Prüfungsausschuss (Approval of the examination committee of IBDEM that the planned internship matches the objectives of the study programme.)		
Frequency:	constantly		
Requirements for Credit Points:	For the award of credit points it is necessary to pass the module exam. The module exam contains: AP: Written report about the internship with a length of 15 pages excl. graphs, pictures and lists. The internship is not graded, it is either approved or not. Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: AP: Schriftlicher Bericht (15 Seiten Text) Das Modul wird nicht benotet.		
Credit Points:	11		
Grade:	The examination results are not rated. The credits are given when the exams are passed successfully.		
Workload:	The workload is 330h.		


Data:	IUFEN. BA. Nr. / Examination number: 60810	Version: 13.07.2016 	Start Year: SoSe 2017
Module Name:	Investment and Finance		
(English):			
Responsible:	Horsch, Andreas / Prof. Dr.		
Lecturer(s):	Horsch, Andreas / Prof. Dr.		
Institute(s):	Professor of Investment and Finance		
Duration:	1 Semester(s)		
Competencies:	The module enables students to solve problems of investment and finance by applying basic analytic concepts. Students are able to recognize and distinguish relevant details of financial problems, to interpret them from a cashflow-based view and to apply appropriate tools to it. They are able to calculate fundamental economic ratios (as NPVs) and to conclude based hereupon if a particular financial option is preferable.		
Contents:	The module is concerned with basic concepts of corporate finance and corporate investments. During the first half, students study the concept, application, and drawbacks of evaluation methods like Net Present Value (NPV) and Internal Rate of Return (IRR/MIRR). Hereafter, possibilities to adjust these approaches to imperfect markets (including uncertainty, financing, taxes) are introduced. During the second half, methods of external corporate finance, i.e. equity and debt, are analyzed. Due to the relevance of the institutional framework, in particular universal principles of debt finance are discussed. Structure: 1 Liquidity vs. Profitability 2 Static Investment Analysis 3 Dynamic Investment Analysis 4 Extensions of Dynamic Approaches 5 Structuring Corporate Finance 6 Equity Finance 7 Debt Finance 8 Mezzanine Finance		
Literature:	A selection of recommended papers will be handed out as part of the set of slides. Besides, classic textbooks provide valuable insights, in particular: Brealey/Myers/Allen: Principles of Corporate Finance, 12 th ed., New York (McGrawHill) 2016. Van Horne/Wachowicz: Fundamentals of Financial Management, 13 th ed., Harlow et al. (Pearson) 2009.		
Types of Teaching:	S1 (SS): With Exercise Parts / Lectures (2 SWS)		
Pre-requisites:	Recommendations: Good command of mathematics is desirable. Attending Cost Accounting before this module is recommended.		
Frequency:	yearly in the summer semester		
Requirements for Credit Points:	For the award of credit points it is necessary to pass the module exam. The module exam contains: KA [90 min] Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA [90 min]		
Credit Points:	3		
Grade:	The Grade is generated from the examination result(s) with the following weights (w): KA [w: 1]		
Workload:	The workload is 90h. It is the result of 30h attendance and 60h self-		

Data:	MIH MA Nr. / Examination number: 60410	Version: 15.07.2016 	Start Year: SoSe 2017
Module Name:	Marketing		
(English):	Marketing		
Responsible:	Enke, Margit / Prof. Dr.		
Lecturer(s):	Enke, Margit / Prof. Dr.		
Institute(s):	Professor of Marketing and International Trade		
Duration:	1 Semester(s)		
Competencies:	Gaining theoretical and practical knowledge about key issues of marketing as market-oriented management and applying this knowledge to practical examples. Students should be able to analyse and evaluate the company situation, the competitive environment and the customers of a company and to utilize the findings for developing marketing strategies.		
Contents:	Marketing (marketing definition and marketing concept, customers of a company, competitors of a company, the company, instruments of a company: the marketing mix).		
Literature:	Homburg, Ch., Kuester, S., & Krohmer, H. (2009): Marketing Management: A Contemporary Perspective, Berkshire, McGraw-Hill. Kotler, Ph. & Armstrong, G. (2009): Principles of Marketing, 13th ed., Prentice Hall, Pearson.		
Types of Teaching:	Incl. Practice Exercises / Lectures (2 SWS)		
Pre-requisites:			
Frequency:	yearly in the summer semester		
Requirements for Credit Points:	For the award of credit points it is necessary to pass the module exam. The module exam contains: KA [90 min] Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA [90 min]		
Credit Points:	3		
Grade:	The Grade is generated from the examination result(s) with the following weights (w): KA [w: 1]		
Workload:	The workload is 90h. It is the result of 30h attendance and 60h self-studies.		


Data:	MTHESES. MA. Nr. 3691 / Examination number: 9900	Version: 22.01.2020	Start Year: SoSe 2020
Module Name:	Master Thesis IMRE including colloquium		
(English):			
Responsible:	Stephan, Johannes / Prof. Dr.		
Lecturer(s):			
Institute(s):	Professor of International Resource Policy and Economic Development		
Duration:	4 Month(s)		
Competencies:	The student is supposed to elaborate a master thesis within a period of four months in order to prove that he/she is able to conduct research on a defined complex problem from a relevant area within a certain period of time. The problem shall be dealt with using and applying adequate scientific methods, and the whole research work including the results shall be described and illustrated in written and oral form.		
Contents:	The topic of the master thesis can be chosen from the whole spectrum of research dealt with at TU Bergakademie Freiberg. The thesis work involves the elaboration of a concept for the project, the search for relevant literature, the acquirement and application of appropriate methods to fulfil the tasks of the thesis project, the conducting and assessing of practical and/or theoretical research, the discussion of results, the elaboration of the thesis, the public defending of the thesis in a colloquium of 20 minutes plus subsequent discussion.		
Literature:	Depending on the topic		
Types of Teaching:	S1: The Master Thesis has to be submitted 4 month after topic release. / Thesis (4 Mon)		
Pre-requisites:	Mandatory: Abschluss aller Pflichtmodule und Wahlpflichtmodule im Umfang von 24 Leistungspunkten (Completion of all obligatory modules and elective modules totalling 24 creditpoints.)		
Frequency:	constantly		
Requirements for Credit Points:	For the award of credit points it is necessary to pass the module exam. The module exam contains: AP*: Master Thesis AP*: Colloquium [50 min] * In modules requiring more than one exam, this exam has to be passed or completed with at least "ausreichend" (4,0), respectively. Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: AP*: Masterarbeit AP*: Kolloquium [50 min] * Bei Modulen mit mehreren Prüfungsleistungen muss diese Prüfungsleistung bestanden bzw. mit mindestens "ausreichend" (4,0) bewertet sein.		
Credit Points:	20		
Grade:	The Grade is generated from the examination result(s) with the following weights (w): AP*: Master Thesis [w: 3] AP*: Colloquium [w: 1] * In modules requiring more than one exam, this exam has to be passed or completed with at least "ausreichend" (4,0), respectively.		
Workload:	The workload is 600h. It is the result of 0h attendance and 600h self-		


Data:	MFALCA. MA. Nr. / Examination number: 62402	Version: 15.07.2016 	Start Year: SoSe 2017
Module Name:	Material Flow Analysis and Life Cycle Assessment		
(English):	Material Flow Analysis and Life Cycle Assessment		
Responsible:	Fröhling, Magnus / Prof.		
Lecturer(s):	Fröhling, Magnus / Prof.		
Institute(s):	Professor of Ressourcemanagement		
Duration:	1 Semester(s)		
Competencies:	<p>The students</p> <ul style="list-style-type: none"> • analyse material and energy flows from a system's and from a product/service perspective, • use the standardized terminology, • name and describe the steps for conducting MFA & LCA studies, • discuss the achievements and shortcomings of common methodological toolsets and data bases in the field, • gather necessary information, choose suitable methods, and apply these for simple MFA & LCA studies, and • discuss the quality of material flow analysis studies and life cycle assessment studies. 		
Contents:	<ul style="list-style-type: none"> • Systems and life cycle thinking • Material flow networks • Material and energy flow balancing • Material flow modelling • Life Cycle Assessment <ul style="list-style-type: none"> ◦ Goal and Scope definition ◦ Life Cycle Inventories (LCI) ◦ Life Cycle Impact Assessment (LCIA) ◦ Interpretation and Disclosure • Current trends and developments • Software systems and data bases for material flow analysis and life cycle assessment • Case studies 		
Literature:	<ol style="list-style-type: none"> 1. Baccini & Brunner (2012): Metabolism of the Anthroposphere: Analysis, Evaluation, Design, MIT Press 2. Brunner/Rechberger (2004): Practical handbook of material flow analysis, Lewis 3. Guinée (2002): Handbook on Life Cycle Assessment, Kluwer 4. Hauschild/ Huijbregts (2015): Life Cycle Impact Assessment (LCA Compendium - The Complete World of Life Cycle Assessment), Springer 5. Klöpfer, W. (2014): Background and Future Prospects in Life Cycle Assessment, Springer 6. EU International Reference Life Cycle Data System (ILCD) Handbook Series 7. Journals: <ol style="list-style-type: none"> a. International Journal of Life Cycle Assessment b. Journal of Cleaner Production c. Journal of Industrial Ecology <p>Further literature recommendations will be given in the lecture.</p>		
Types of Teaching:	S1 (SS): Material Flow Analysis and Life Cycle Assessment (lecture) - Material Flow Analysis and Life Cycle Assessment (lecture) / Lectures (2		

	SWS) S1 (SS): Material Flow Analysis and Life Cycle Assessment (tutorial) - Material Flow Analysis and Life Cycle Assessment (tutorial) / Exercises (2 SWS)
Pre-requisites:	
Frequency:	yearly in the summer semester
Requirements for Credit Points:	For the award of credit points it is necessary to pass the module exam. The module exam contains: AP*: Assignment KA [90 min] * In modules requiring more than one exam, this exam has to be passed or completed with at least "ausreichend" (4,0), respectively. Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: AP*: Aufgabe KA [90 min] * Bei Modulen mit mehreren Prüfungsleistungen muss diese Prüfungsleistung bestanden bzw. mit mindestens "ausreichend" (4,0) bewertet sein.
Credit Points:	6
Grade:	The Grade is generated from the examination result(s) with the following weights (w): AP*: Assignment [w: 1] KA [w: 4] * In modules requiring more than one exam, this exam has to be passed or completed with at least "ausreichend" (4,0), respectively.
Workload:	The workload is 180h. It is the result of 60h attendance and 120h self-studies.

Data:	INTRORME. MA. Nr. 3418 / Examination number: 62008	Version: 22.01.2020 	Start Year: WiSe 2016
Module Name:	Methods of Analysis and Econometrics		
(English):			
Responsible:	Stephan, Johannes / Prof. Dr.		
Lecturer(s):	Stephan, Johannes / Prof. Dr.		
Institute(s):	Professor of International Resource Policy and Economic Development		
Duration:	1 Semester(s)		
Competencies:	Students acquire the ability to evaluate and understand analysis of business data and markets. Students learn how to read business-related research in a critical way and are introduced to the most important methods of analysis. This allows students to distinguish between business propaganda and the creation and use of general knowledge, and also implicitly helps to inform the overall learning process.		
Contents:	<p>The general part of the module introduces the students to the ideas of critical evaluation of analyses. This includes familiarity with the properties of a wide range of different business data (intra and inter) and other sources of information, as well as the methodology of their use in different kinds of analyses. Students learn to understand the method of deductive research, of falsification, and the rigours of positive and normative analyses. This is wound up into setting the minimum standard rules for sound academic writing. The empirical part focuses on the a critical view on the application of most usual methods of analysis: analysis of properties of data and hypotheses-testing.</p> <p>Part I: Critical view on analysis of business data and markets</p> <p style="padding-left: 20px;">I.1 Criteria for quality of data</p> <p style="padding-left: 20px;">I.2 Criteria for sound analysis</p> <p>Part II: Empirical analysis of business data and markets</p> <p style="padding-left: 20px;">II.1 Understanding statistical analysis</p> <p style="padding-left: 20px;">II.2 Evaluation of econometric analysis</p>		
Literature:	<p>Blaug, M, 1994, The methodology of economics, Cambridge University Press.</p> <p>Cameron and Trivedi (2005) Microeconometrics - Methods and Applications. Cambridge University Press.</p> <p>Dow, S., 2002, Economic methodology: an enquiry, Oxford University Press.</p> <p>Davis, J.B. and D.W. Hands, 2011, The Elgar Companion to Recent Economic Methodology, Edward Elgar.</p> <p>Lee M.-J., 2005. Micro-Econometrics for Policy, Program and Treatment Effects. Oxford University Press.</p> <p>Johnston J. and J. DiNardo, 1997. Econometric Methods. Mc Graw Hill.</p> <p>Wooldridge J., 2001. Econometric Analysis of Cross Section and Panel Data. MIT Press.</p>		
Types of Teaching:	<p>S1 (WS): Lectures (3 SWS)</p> <p>S1 (WS): Exercises (1 SWS)</p>		
Pre-requisites:			
Frequency:	yearly in the winter semester		
Requirements for Credit Points:	<p>For the award of credit points it is necessary to pass the module exam. The module exam contains:</p> <p>KA [90 min]</p> <p>Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst:</p> <p>KA [90 min]</p>		
Credit Points:	6		

Grade:	The Grade is generated from the examination result(s) with the following weights (w): KA [$w: 1$]
Workload:	The workload is 180h. It is the result of 60h attendance and 120h self-studies.

Data:	OPMAN. MA. Nr. 2970 / Examination number: 61304	Version: 06.07.2015 	Start Year: WiSe 2016
Module Name:	Operations Management		
(English):			
Responsible:	Höck, Michael / Prof. Dr.		
Lecturer(s):	Höck, Michael / Prof. Dr.		
Institute(s):	Professor of Industrial Management, Production Management and Logistics		
Duration:	1 Semester(s)		
Competencies:	Foremost, the module aims to convey to the student problem-solving competencies with a view to putting the student in a position to analyse the complex questions in operations management, to structure them, and to develop solution alternatives.		
Contents:	This course addresses the management of operations in manufacturing and service firms. Diverse activities, such as determining the size and type of production process, purchasing the appropriate raw materials, planning and scheduling the flow of materials and the nature and content of inventories, assuring product quality, and deciding on the production hardware and how it gets used, comprise this function of the company. Managing operations well requires both strategic and tactical skills. During the term, we will consider such topics as: process analysis, workforce issues, materials management, quality and productivity, technology, and strategic planning, together with relevant analytical techniques. This course will provide a survey of these issues.		
Literature:	Davis, M. & Heineke, J. (2005): Operations Management, 5/e, McGraw-Hill Cachon & Terwiesch (2006): Matching Supply and Demand, McGraw-Hill Stevenson (2007): Operations Management, 9/e, McGraw-Hill.		
Types of Teaching:	S1 (WS): Lectures (2 SWS) S1 (WS): Exercises (2 SWS)		
Pre-requisites:	Recommendations: None		
Frequency:	yearly in the winter semester		
Requirements for Credit Points:	For the award of credit points it is necessary to pass the module exam. The module exam contains: KA [90 min] PVL: Case Studies PVL have to be satisfied before the examination. Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA [90 min] PVL: Fallstudien PVL müssen vor Prüfungsantritt erfüllt sein bzw. nachgewiesen werden.		
Credit Points:	6		
Grade:	The Grade is generated from the examination result(s) with the following weights (w): KA [w: 1]		
Workload:	The workload is 180h. It is the result of 60h attendance and 120h self-studies. Self-study consists of preparation and review of the lectures, independent work on case studies, as well as preparation for the written test.		

Data:	OMIS. MA. Nr. 3202 / Examination number: 62101	Version: 11.01.2017 	Start Year: WiSe 2010
Module Name:	Project Management		
(English):			
Responsible:	Jacob, Dieter / Prof. Dr.		
Lecturer(s):	Müller, Clemens / Master		
Institute(s):	Professor of Construction Management		
Duration:	1 Semester(s)		
Competencies:	Students obtain an understanding of the concept of project management and become familiar with important tasks in relation to the management of projects.		
Contents:	This course presents the principles and techniques of managing projects, primarily engineering projects, from the owner's feasibility study through design and development to completion. It emphasises project management during the early stages of project development because it is at that point that the ability to influence the quality, cost and time of a project is at its highest. It includes project scope definition, development of work plan, planning and scheduling, procurement strategies and highlights the management of the three basic components of a project: quality/scope, budget/cost and time/schedule. A simulation exercise is included to demonstrate working in a group and highlight the importance of communication against a backdrop of determining procurement strategy.		
Literature:	<ul style="list-style-type: none"> • Schelle, Heinz/ Ottmann, Roland/ Pfeiffer, Astrid: Project Manager. German Association for Project Management (GPM), Member of the International Project Management Association (IPMA), 2006. • Kerzner, Harold: Project Management – A Systems Approach to Planning, Scheduling, and Controlling, associated with the Project Management Institute (PMI), 11th Ed, 2013. • The Chartered Institute of Building – Project Management for Construction and Development, 2014. • Klee, Lukas: International Construction Contract Law, 1st Ed, 2014. • Peter W.G. Morris/ George H. Hough – The Anatomy of Major Projects: A Study of the Reality of Project Management. London, 1987. • Merrow, Edward W. – Industrial Megaprojects: Concepts, Strategies, and Practices for Success. New Jersey, 2011. • Köchendorfer, Bernd; Liebchen, Jens; Viering, Markus G.: Bau-Projektmanagement: Grundlagen und Vorgehensweisen, 4th Ed, 2010. • Berner, Fritz; Kochendorfer, Bernd; Schach, Rainer: Grundlagen der Baubetriebslehre 2 – Baubetriebsplanung, 2nd Ed, 2014 • Uher, Thomas; Adam, Zantis; Zantis: Programming and Scheduling Techniques, 2nd Ed, 2011. • Vanhoucke, Mario: Project Management with Dynamic Scheduling – Baseline Scheduling, Risk Analysis and Project Control, 2nd Ed, 2013. • Jacob, Dieter; Müller, Clemens: Estimating in Heavy Construction: Roads, Bridges, Tunnels, Foundations, 1st Ed, 2016. 		
Types of Teaching:	S1 (WS): Exercises (1 SWS) S1 (WS): Lectures (1 SWS)		
Pre-requisites:	Recommendations:		

	No pre-requisites are required.
Frequency:	yearly in the winter semester
Requirements for Credit Points:	For the award of credit points it is necessary to pass the module exam. The module exam contains: KA [90 min]
	Voraussetzung für die Vergabe von Leistungspunkten ist das Bestehen der Modulprüfung. Die Modulprüfung umfasst: KA [90 min]
Credit Points:	3
Grade:	The Grade is generated from the examination result(s) with the following weights (w): KA [w: 1]
Workload:	The workload is 90h. It is the result of 30h attendance and 60h self-studies.

Freiberg, den 17. März 2020

gez.
Prof. Dr. Klaus-Dieter Barbknecht
Rektor

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