

Studyplan for the study program B. Sc. Health Informatics

2. Semester B.Sc. Health Informatics SPO 20172

Nr.	Module / Course	ECTS	SWS/ presence	SWS/ virtual	Groups	Lecturer	Type of examination and duration
	Compulsory courses						
G-07	<i>Foundations of Law</i>	5					written ex. 90 min
	G2101 Social Security Law		2	0	1	Schmaus-Klughammer	
	G2102 Liability Law		2	0	1	Schmaus-Klughammer	
G-08	G2103 Software Development	5	4	0	1	Spittler	written ex. 90 min
G-09	G2104 Databases	5	4	0	1	Rummler	written ex. 90 min
G-10	<i>Foundations of Health Informatics</i>	5					written ex. 90 min
	G2105 Systems and Applications		4	0	1	Lutfi	
G-11	<i>Mathematics and Statistics</i>	5					written ex. 90 min
	G2106 Mathematics II		2	0	1	Bader	
	G2107 Statistics II		2	0	1	Nocon	
G-12	<i>Compliance and Risk Management</i>	5					Research Paper
	G2108 Compliance and Risk Management		2	0	1	Kasperbauer	
	G2109 Data Protection and IT Security		2	0	1	Blanco	
G-13	<i>AWP (Foreign Language II)</i>	2					written ex. 60 min
	G2111 Foreign Language II		2	0	1	Electives & Language Department	
G-14	G2112 AWP	2	2	0	1	Electives & Language Department	CWC

4. Semester B.Sc. Health Informatics

SPO 20172

Nr.	Module / Course	ECTS	SWS/ presence	SWS/ virtual	Groups	Lecturer	Type of examination and duration
	Compulsory courses						
G-21	G4101 Medical Technology	5	4	0	1	Lutfi	written ex. 90 min
G-22	G4102 ERP Systems	5	4	0	1	Rummler	written ex. 90 min
G-23	G4103 Operations Research	5	4	0	1	Feicht	written ex. 90 min
G-24	G4104 Practice of Programming	5	4	0	1	Spittler	written ex. 90 min
G-25	G4105 Current Aspects of Health Economy	5	2	0	1	Chaltikyan	written ex. 90 min
			2	0	1	Blanco	
G-26	<i>AWP (Foreign Language IV)</i>						
	G4110 Foreign Language IV	2	2	0	1	Electives & Language Department	written ex. 60 min.
G-27	G4111 AWP	2	2	0	1	Electives & Language Department	CWC

6. Semester B.Sc. Health Informatics

SPO 20172

Nr.	Module / Course	ECTS	SWS/ presence	SWS/ virtual	Groups	Lecturer	Type of examination and duration
	Compulsory courses						
G-29	G6101 Social Processes and Communication	5	2	0	1	Nocon	research paper
			2	0	1	Cummings-Koether	
G-30	G6102 Knowledge-based Systems	5	2	2	1	Ionescu	written ex. 90 min
G-32	G6104 Logistics in Healthcare	5	4	0	1	Kasperbauer	written ex. 90 min
G-33	G6105 Collaborative Systems	5	4	0	1	Schmaus-Klughammer	written ex. 90 min
G-36	G6108 FWP-3 Data Analytics	5	2	0	1	Spittler	research paper
			2	0	1	Blanco	

Studyplan for the study program M. Eng. Healthy and Sustainable Buildings

2. Semester Master Healthy and Sustainable Buildings SPO 2019/20

Nr.	Module / Course	ECTS	SWS/ presence	SWS/ virtual	Groups	Lecturer	Type of examination and duration
1.	Compulsory courses						
HSB-5	Environmental Hygiene and Medicine	5	4	0	1	Scherer	written exam 90 min
HSB-6	Analytical Methods	5	4	0	1	Mátéfi-Tempfli	written exam 90 min
HSB-7	Evidence-Based Design 1 (Building envelope)	5	4	0	1	Laar	Report
HSB-7	Evidence-Based Design 1 (Building envelope)	5	4	0	1	Schleederer	Report
HSB-8	Ambient Assisted Living	5	4	0	1	Laar	written exam 90 min
HSB-9	Building Safety and Security	5	4			Brunken, Li & Laar	written exam 90 min
HSB-10	Project Management and Implementation	5	4	0	1	Cummings-Koether	Report

Studyplan for the study program B. Eng. Industrial Engineering

2. Semester BA Industrial Engineering SPO 2019/20

Nr.	Module / Course	ECTS	SWS/ presence	SWS/ virtual	Groups	Lecturer	Type of examination and duration
1.	Compulsory courses						
IE-07	Mathematics for Engineering	5	4	0	1	Bader	written ex. 90 min
IE-08	Informatics for Engineering II	5	4	0	1	Mátéfi-Tempfli	Report or Presentation
IE-09	Technical Mechanics II	5	4	0	1	Hainthaler & Gerdes	written ex. 90 min
IE-10	Business Law	5	4	0	1	LB Appel & Feicht	written ex. 90 min
IE-11	Physics	6					

	Physics		4	0	1	Kreiskott	written ex. 90 min
	Lab Work in Physics		2	0	1	Kreiskott	Report or Presentation
IE-12	Foreign Language II	2	2	0	1	Electives & Language Department	written ex. 60 min
IE-13	AWP I	2	2	0	1	Electives & Language Department	written ex. 60 min or RP
2.	Electives						
3.	Other						
	Tutorial Mathematics for Engineering		2	0	2	Bader	
	Tutorial Informatics for Engineering II		2	0	1 or 2	Mátéfi-Tempfli	
	Tutorial Technical Mechanics II		2	0	1	Hainthaler	

erst nach
erfolgreicher
Absolvierung der
Physik und Chemie
Prüfungen, daher
eig. Nur für
höheres Semester

4. Semester BA Industrial Engineering

SPO 2018/19

Nr.	Module / Course	ECTS	SWS/ presence	SWS/ virtual	Groups	Lecturer	Type of examination and duration
1.	Compulsory courses						
EB-09	English	2	2	0	1	Gasiorek	written exam 60 min
EB-25	Renewable Energies	2	2	0	1	Brotsack	written exam 90 min
EB-36	Logistics	4	4	0	1	Feicht	written exam 90 min
EB-27	Measurement and Control Engineering	6	4	0	1	Mátéfi-Tempfli	written exam 90 min
EB-14	Sustainability						
	Environment Climate	3	2	0	1	Brotsack	Report or Presentation
	Certification Systems (LCA)	3	2	0	1	Bleyer	written exam 60 min
	Energy and Resource Efficiency	4	4	0	1	Li	written exam 90 min

EB-17	Human Resource Management and Labour Law	5	2	0	1	Kreiskott	Report or Presentation
EB-23	Process Engineering	5	4	0	1	Hainthaler	written exam 90 min
EB-28	Lab Work						
	Lab Work Physics	2	2	0	1	Kreiskott	Practical Work (report)
	Lab Work Chemistry	3	2	0	1	Brotsack	Practical Work (report)
EB-29	Process Reliability and Work Safety	5	4	0	1	Li	written exam 90 min
EB-33	Maintenance, Repair and Operation Strategies and Planning	5	4	0	1	Loncaric	written exam 90 min
EB-37	Operational Processes						
	Operational Organisation	2	2	0	1	Li	written exam 90 min
	Enterprise Information Systems	3	2	0	1	Jordan	
2.	Electives						
3.	Other						
	Tutorial Logistics		2	0	1	Feicht	
	Tutorial Measurement and Control Engineering		2	0	1	Mátéfi-Tempfli	
	Tutorial Process Engineering		2	0	1	Hainthaler	
	PLV2		2	0	1	Kreiskott	

Studyplan for the study program

B.A. International Tourism Management / Health & Medical Tourism

2. Semester International Tourism Management

SPO 20172

Nr.	Module / Course	ECTS	SWS/ presence	SWS/ virtual	Groups	Lecturer	Type of examination and duration
	Compulsory courses						
T201	Foreign Language II	2	2	0	1	Lecturer of Electives & Language Department	Written Exam 60 min.

T202	AWP	2	2	0	1	Lecturer of Electives & Language Department	Course work certificate
T203	Accounting & Controlling	5	4	0	1	Prof. Dr. Volчек, Katerina	Written Exam 90 min.
T204	Marketing Principles	5	4	0	1	Prof. Dr. Volчек, Katerina	Written Exam 90 min.
T205	Quantitative & Qualitative Research	6	3	0	1	Prof. Dr. Steckenbauer, Christian	Research Paper
			1	0	1	Prof. Dr. Herntrei, Marcus	
T206	Medical Basics for Health Tourism Professionals	5	4	0	1	Prof. Dr. Kappelmann-Fenzl, Melanie	Written Exam 90 min.
T207	Legal Aspects of Tourism	5	2	2	1	Dr. Greil-Lidl, Stephanie	Written Exam 90 min.

4. Semester International Tourism Management

SPO 20172

Nr.	Module / Course	ECTS	SWS/ presence	SWS/ virtual	Groups	Lecturer	Type of examination and duration
	Compulsory courses						
T401	Foreign Language IV	2	2	0	1	Lecturer of Electives & Language Department	Written Exam 60 min.
T402	AWP	2	2	0	1	Lecturer of Electives & Language Department	Course work certificate
T403	Intercultural Management	5	4	0	1	Prof. Dr. Cummings-Koether, Michelle	Written Exam 90 min.
T404	Innovation, Product Development & Service Design	5	4	0	1	Prof. Dr. Volчек, Katerina	Presentation
T405	Tourism Geography & Tourism Planning	6	4	0	1	Dr. Naumov, Nick (LB)	Research Paper
T406	Medical Wellness & Spa Management	5	2	0	1	Prof. Dr. Znidar, Gernot	Written Exam 90 min.
			2	0	1	Dr. von Storch, Kurt (LB)	
T407	Health Care Management & Health Provision	5	3	0	1	Ortiz-Huerta, Jessica (LB)	Written Exam 90 min.
			1	0	1	Himpler, Jean-Pierre (LB)	

6. Semester International Tourism Management

SPO 20172

Nr.	Module / Course	ECTS	SWS/ presence	SWS/ virtual	Groups	Lecturer	Type of examination and duration
Compulsory courses							
T601	Bachelor Thesis Tutorial (Scientific Workshop)	5	4	0	1	Prof. Dr. Herntrei, Marcus	CWC, Research Paper
T602	Nature-based & Sports Tourism Management	5	2	0	1	Prof. Dr. Herntrei, Marcus	Presentation
			2	0	1	Markov, Sebastian	
T603	Entrepreneurship	5	2	0	1	Kahr, Andrea (LB)	Presentation
			2	0	1	Werwigk, Hendrike (LB)	
T604	Contemporary Issue of International Health Tourism	5	2	0	1	Prof. Dr. Steckenbauer, Christian	Presentation
			2	0	1	Prof. Dr. Znidar, Gernot	
T605	Destinationsmanagement (German)	5	0,2	0	1	Prof. Dr. Herntrei, Marcus	Written Exam 90 min.
			1,9	0	2	Wagenseil, Urs (LB)	
			1,9	0	2	Lyman, Roland (LB)	
T606	Tour-Operator Management	5	2	0	1	Prof. Dr. Steckenbauer, Christian	Written Exam 90 min.
			2	0	1	Prof. Dr. Irfan, Arikan (LB)	
Other							
	Applied Tourism Research	0	1	0	1	Prof. Dr. Herntrei, Marcus	-

Studyplan for the study program M.A. International Tourism Development

1. Semester International Tourism Development SPO 20192

Nr.	Module / Course	ECTS	SWS/ presence	SWS/ virtual	Groups	Lecturer	Type of examination and duration
Compulsory courses							
1-1	Customer Experience Management	5	2	0	1	Prof. Dr. Herntrei, Marcus	Written Exam 90 min

1-1	Customer Experience Management	5	2	0	1	Prof. Dr. Steckenbauer, Christian	Written Exam 90 min.
1-2	Current Issues in Business Administration	5	4	0	1	Prof. Dr. Volчек, Katerina	Written Exam 90 min.
1-3	Managerial Accounting	5	4	0	1	Prof. Dr. Feicht, Robert	Written Exam 90 min.
1-3	Managerial Accounting - Tutorial		2	0	1	Prof. Dr. Feicht, Robert	
1-4	Intercultural & Interdisciplinary Management	5	4	0	1	Prof. Dr. Cummings-Koether, Michelle	Research Paper
1-5	Global & Regional Sustainable Tourism Development	5	4	0	1	Prof. Dr. Znidar, Gernot	Research Paper
1-6	Quantitative & Qualitative Research Methods I	3	1	0	1	Prof. Dr. Herntrei, Marcus	Course Assessment
			1	0	1	Prof. Dr. Steckenbauer, Christian	
1-7	Compulsory Elective Subjects of a General Academic Nature (AWP)	2	2	0	1	Lecturer of Electives & Language Department	Course Assessment

3. Semester International Tourism Development

SPO 20192

Nr.	Module / Course	ECTS	SWS/ presence	SWS/ virtual	Groups	Lecturer	Type of examination and duration
Compulsory courses							
3-1	Destination Development and Marketing	5	2	0	1	Prof. Dr. Znidar, Gernot	Written Exam 90 min.
			2	0	1	Baier, Mario	
3-2	Specialized Mandatory Elective Subject II Systemic Leadership & Sustainable Changemanagement	5	4	0	1	Prof. Dr. Znidar, Gernot	Course Assessment

Studyplan for the study program

M. Sc. Medical Informatics

2. Semester M. Sc. Medical Informatics

SPO 20182

Nr.	Module / Course	ECTS	SWS/ presence	SWS/ virtual	Groups	Lecturer	Type of examination and duration
	Compulsory courses						
MI-07	<i>Medical Documentation Systems</i>	7					Written ex. 90 min
	Medical Documentation Systems		4	0	1	Prof. Dr. Chaltikyan, Georgi	
	Case Study Hospital Informations System		2	0	1	Dr. Kahlert, Stefan (LB)	
MI-08	<i>eHealth Application Systems</i>	5					Written ex. 90 min
	eHealth Application Systems		2	0	1	Prof. Dr. Chaltikyan, Georgi	
	Case Study eHealth Applications		2	0	1	Prof. Dr. Chaltikyan, Georgi	
MI-09	<i>Health Economy & Health Research</i>	7					Written ex. 90 min
	Health Economy		4	0	1	Prof. Dr. Chaltikyan, Georgi	
	Medical Statistics & Data Analysis		2	0	1	Saibold, Anna (LB)	
MI-10	<i>Collaborative Systems in Medicine</i>	6					PStA
	<i>Collaborative Systems</i>		1	1	1	Schmaus-Klughammer, Anna	
	Case Study International Project Management		1	1	1	Schmaus-Klughammer, Anna	
MI-11	<i>Data Security & Data Protection</i>	5					Written ex. 90 min
	Data Security & Data Protection		2	0	1	Roth, Christian (LB)	
	Case Study Data Security		2	0	1	Roth, Christian (LB)	

Approved by the Faculty Board on March, 24, 2020.

Modifications are only allowed after approval by the Dean.

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Prof. Dr. Georg Christian Steckenbauer, Dean Faculty of the European Campus Rottal-Inn