Courses in English

	Anlagenbetrieb	tochnik Indu	strial Dlan	+ Enginooring (ABT)	
Code	Course			Winter/ Summer	ECTS/ Credits	Information
Module: 11600	Module Foreign Language (Modul Fremdsprache)	Semester nour	Jemester	winter/ Summer	Lets, creats	momaton
	Language laboratory Technical English 1 (Sprachlabor Techniches Englisch 1)	2	1	winter	5	
	Language laboratory Technical English 2 (Sprachlabor Techniches Englisch 2)	2	3	winter	-	
	Language laboratory recifical English 2 (spracillabor recificites Englisch 2)	2	3	winter		
	Betriebswirtscl	naftslehre - Bu	siness Adı	ninistration (B)	NL)	
Code	Course	Semester hour	Semester	Winter / Summer	ECTS/Credits	Information
BWL 16100	Business Talks/ English B1	2	1	winter	2,5	
	Business English					You have to pass both "Business English 1" and "Business English 2"
BWL 21000	Business English 1	2	2	summer	5	in order to earn the credits for the whole module "Business English".
	Business English 2	2	2	summer	_	· · · · · · · · · · · · · · · · · · ·
BWL 31000	International Business Communication	4	3	winter	5	
BWL 41100 BWL 41200	Human Resources Development Change Management	4	4	summer summer	7,5 7,5	
BWL 61100	International Management	4	6	summer	7,5	
BWL 61200	Intercultural Management	4	6	summer	7,5	
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	Biotechnologie der marinen					
Code	Course	Semester hour	Semester	Winter/Summer	ECTS/Credits	Information
Modul: 11500	Coastal Zone Management (Küstenzonenmanagement)				5	
11510 Modul: 31200	Lecture KZM (Vorlesung KZM) Scientific Comprehension (Wissenschaftliches Verstehen)	3	1	winter		You have to pass both Scientific English and Scientific Practice in
31210 Modul: 31200	Scientific Comprehension (Wissenschaftliches Verstehen) Scientific English	2	3	winter	7	order to earn the credits for the whole module "Scientific Practice in
31220	Scientific Practice	1	3	winter	· '	Comprehension".
Modul: 51340	Sustainable Fisheries (Nachhaltige Fischerei)	-	-			You have to pass both Marine Resources Fundamentals and Marine
51341	Marine Resources Fundamentals (Marine Ressourcen Grundlagen)	2	5	winter	5	Resources Practice in order to earn the credits for the whole module
51342	Marine Resources Practice (Marine Ressourcen Praktikum)	1	5	winter		"Sustainable Fisheries".
Module: 51350	Bioanalytics III (Bioanalytik III)	- 1			_	You have to pass both Introduction to mass spectometry and
51351	Introduction to mass spectometry (Einführung in die Massenspektromie)	2	6	summer	5	practical training MAS in order to earn the credits for the whole
51352 Module: 51360	Practical training MAS (Praktikum MAS) Biochemical Engineering II (Bioverfahrenstechnik II)	1	6	summer		module "Bioanalytics III". You have to pass both Cell culture - basis and cell culture - practical
51361	Cell culture - basis (Zellkultur Grundlagen)	2	6	summer	5	training in order to earn the credits for the whole module
51362	Cell culture - practical training (Zellkultur Praktikum)	1	6	summer	-	"Biochemical Engineering II".
Module: 51380	Marine Resources IV (Marine Ressourcen IV)	1				You have to pass both Marine Environmental Studies and Marine
51381	Marine Environmental Studies	1	6	summer	5	biological excursion in order to earn the credits for the whole module
51382	Marine biological excursion	2	6	summer		"Marine Resources IV".
	C	aa Tauniana Ma		+ (CTNA)		
Code	Course	Semester hour				Information
CTM 41000	Managing the Resource Base	1	Semester 4		ECTS/Credits	Information
0111112000						
	Business Finance	4		summer	6	You have to pass both "Financial Management" and "Financial
CTM 41100	Business Finance Financial Management	4 2	4 4	summer	6	You have to pass both "Financial Management" and "Financial Economics" in order to earn the credits for the whole module
CTM 41100		2	4 4 4	summer		Economics" in order to earn the credits for the whole module "Business Finance".
	Financial Management Financial Economics Human Resource Management	2 2 4	4 4 4 4	summer summer summer summer	6	Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor
СТМ 41100 СТМ 41200	Financial Management Financial Economics Human Resource Management Human Resource Management	2 2 4 2	4 4 4 4 4 4	summer summer summer summer summer		Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor Market Economics" in order to earn the credits for the whole module
	Financial Management Financial Economics Human Resource Management Human Resource Management Labor Market Economics	2 2 4 2 2 2	4 4 4 4 4 4 4	summer summer summer summer summer summer	6	Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor Market Economics" in order to earn the credits for the whole module "Human Resource Management".
СТМ 41200	Financial Management Financial Economics Human Resource Management Human Resource Management Labor Market Economics Information Management	2 2 4 2 2 2 4	4 4 4 4 4 4 4 4	summer summer summer summer summer summer summer	6	Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor Market Economics" in order to earn the credits for the whole module "Human Resource Management". You have to pass both "Information Systems Development" and
	Financial Management Financial Economics Human Resource Management Human Resource Management Labor Market Economics Information Management Information Systems Development	2 2 4 2 2 2 4 2 2 4 2	4 4 4 4 4 4 4 4 4 4	summer summer summer summer summer summer summer summer	6	Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor Market Economics" in order to earn the credits for the whole module "Human Resource Management". You have to pass both "Information Systems Development" and "Information Systems Management" in order to earn the credits for
СТМ 41200	Financial Management Financial Economics Human Resource Management Human Resource Management Labor Market Economics Information Management	2 2 4 2 2 2 4	4 4 4 4 4 4 4 4	summer summer summer summer summer summer summer	6	Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor Market Economics" in order to earn the credits for the whole module "Human Resource Management". You have to pass both "Information Systems Development" and "Information Systems Management" in order to earn the credits for the whole module "Information Management".
CTM 41200 CTM 41300	Financial Management Financial Economics Financial Economics Human Resource Management Labor Market Economics Information Management Information Systems Development Information Systems Management Hospitality Service Operations	2 2 4 2 2 4 2 2 4 2 2 4 2 4	4 4 4 4 4 4 4 4 4 4 4	summer summer summer summer summer summer summer summer summer	6	Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor Market Economics" in order to earn the credits for the whole module "Human Resource Management". You have to pass both "Information Systems Development" and "Information Systems Management" in order to earn the credits for
CTM 41200	Financial Management Financial Management Financial Economics Human Resource Management Labor Market Economics Information Management Information Systems Development Information Systems Management Hospitality Service Operations Service Operations Management	2 2 4 2 2 4 2 2 4 2 2 4 2 2	4 4 4 4 4 4 4 4 4 4 4 4 4	summer summer summer summer summer summer summer summer summer summer	6	Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor Market Economics" in order to earn the credits for the whole module "Human Resource Management". You have to pass both "Information Systems Development" and "Information Systems Management" in order to earn the credits for the whole module "Information Management". You have to pass both "Service Operations Management" and "Food and Beverage Management/ Service Operations Management" and "Food and Beverage Management/ Service Operations Management" in order to earn the credits for the whole module "Information Systems Service Operations Management" in order to earn the credits for the whole module "Hospitality Service
CTM 41200 CTM 41300	Financial Management Financial Economics Financial Economics Human Resource Management Labor Market Economics Information Management Information Systems Development Information Systems Management Hospitality Service Operations	2 2 4 2 2 4 2 2 4 2 2 4 2 4	4 4 4 4 4 4 4 4 4 4 4	summer summer summer summer summer summer summer summer summer	6	Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor Market Economics" in order to earn the credits for the whole module "Human Resource Management". You have to pass both "Information Systems Development" and "Information Systems Management" in order to earn the credits for the whole module "Information Management". You have to pass both "Service Operations Management" in Great and Beverage Management/ Service Operations Management" in
CTM 41200 CTM 41300	Financial Management Financial Economics Human Resource Management Human Resource Management Labor Market Economics Information Management Information Systems Development Information Systems Development Service Operations Service Operations Service Operations Management Food and Beverage Management/Service Operations Management Consulting Project	2 2 4 2 2 4 2 2 4 2 2 2 2 2 2 2 2 2	4 4 4 4 4 4 4 4 4 4 4 4 7	summer summer summer summer summer summer summer summer summer summer summer summer summer	6	Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor Market Economics" in order to earn the credits for the whole module "Human Resource Management". You have to pass both "Information Systems Development" and "Information Systems Management" in order to earn the credits for the whole module "Information Management". You have to pass both "Service Operations Management" and "Food and Beverage Management/ Service Operations Management" in order to earn the credits for the whole module "Hospitality Service Operations".
СТМ 41200 СТМ 41300 СТМ 41400	Financial Management Financial Economics Human Resource Management Human Resource Management Labor Market Economics Information Management Information Systems Development Information Systems Management Hospitality Service Operations Service Operations Management Food and Beverage Management/ Service Operations Management Consulting Project Global Strategic Management	2 2 4 2 2 2 2 4 4 2 2 2 4 2 2 2 2 2 2 4	4 4 4 4 4 4 4 4 4 4 4 4 7 7 7	summer summer summer summer summer summer summer summer summer summer winter winter	6	Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor Market Economics" in order to earn the credits for the whole module "Human Resource Management". You have to pass both "Information Systems Development" and "Information Systems Management" in order to earn the credits for the whole module "Information Management". You have to pass both "Service Operations Management" and "Food and Beverage Management/ Service Operations Management" and "Food and Beverage Management/ Service Operations Management" in Order to earn the credits for the whole module "Hospitality Service Operations".
СТМ 41200 СТМ 41300 СТМ 41400	Financial Management Financial Economics Human Resource Management Human Resource Management Labor Market Economics Information Management Information Systems Development Information Systems Development Hospitality Service Operations Service Operations Management Food and Beverage Management/Service Operations Management Consulting Project Global Strategic Management Strategy Development & Implementation	2 4 2 2 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 4 4 4 4 4 4 4 4 4 4 7 7 7 7	summer summer summer summer summer summer summer summer summer winter winter winter	6	Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor Market Economics" in order to earn the credits for the whole module "Human Resource Management". You have to pass both "Information Systems Development" and "Information Systems Management" in order to earn the credits for the whole module "Information Management". You have to pass both "Service Operations Management" and "Food and Beverage Management/ Service Operations Management" in order to earn the credits for the whole module "Hospitality Service Operations". You have to pass "Strategy Development & Implementation", "Change Management" and "CSR and Global Governance" in order tore
CTM 41200 CTM 41300 CTM 41400 CTM 71000	Financial Management Financial Economics Human Resource Management Human Resource Management Labor Market Economics Information Management Information Systems Development Information Systems Management Hospitality Service Operations Service Operations Management Food and Beverage Management/Service Operations Management Consulting Project Giobal Strategic Management Strategy Development & Implementation Change Management	2 2 4 2 2 2 2 2 2 2 4 2 2 2 2 2 2 2 2 2	4 4 4 4 4 4 4 4 4 4 4 4 7 7 7 7 7	summer summer summer summer summer summer summer summer summer winter winter winter winter	6 6 6 6	Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor Market Economics" in order to earn the credits for the whole module "Human Resource Management". You have to pass both "Information Systems Development" and "Information Systems Management" in order to earn the credits for the whole module "Information Management" and "Food and Beverage Management/ Service Operations Management" and "Food and Beverage Management/ Service Operations Management" in order to earn the credits for the whole module "Hospitality Service Operations". You have to pass "Strategy Development & Implementation", "Change Management" and "CSR and Global Governance" in order to earn the credits for the whole module "Global Strategic
CTM 41200 CTM 41300 CTM 41400 CTM 71000	Financial Management Financial Management Financial Economics Human Resource Management Human Resource Management Labor Market Economics Information Management Information Systems Development Information Systems Management Hospitality Service Operations Service Operations Management Food and Beverage Management/Service Operations Management Consulting Project Global Strategic Management Strategy Development & Implementation Change Management Consult Gobal Governance	2 4 2 2 4 2 2 4 2 2 4 2 2 2 2 4 2 2 1 1	4 4 4 4 4 4 4 4 4 4 4 4 7 7 7 7 7 7 7	summer summer summer summer summer summer summer summer summer winter winter winter winter winter winter	6 6 6 6	Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor Market Economics" in order to earn the credits for the whole module "Human Resource Management". You have to pass both "Information Systems Development" and "Information Systems Management". You have to pass both "Service Operations Management" and "Food and Beverage Management/ Service Operations Management" and "Food and Beverage Management' Service Operations Management" in order to earn the credits for the whole module "Hospitality Service Operations". You have to pass "Strategy Development & Implementation", "Change Management" and "CSR and Global Governance" in order to earn the credits for the whole module "Global Strategic Management".
CTM 41200 CTM 41300 CTM 41400 CTM 71000	Financial Management Financial Economics Financial Economics Human Resource Management Human Resource Management Labor Market Economics Information Management Information Systems Development Information Systems Development Service Operations Service Operations Service Operations Service Operations Management Food and Beverage Management/Service Operations Management Consulting Project Global Strategic Management Strategy Development Change Management CSR and Global Governance Innovation and Entrepreneurship	2 2 4 2 2 2 2 2 2 2 4 2 2 2 2 2 2 2 2 2	4 4 4 4 4 4 4 4 4 4 4 4 7 7 7 7 7	summer summer summer summer summer summer summer summer summer winter winter winter winter winter winter winter	6 6 6 6	Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor Market Economics" in order to earn the credits for the whole module "Human Resource Management". You have to pass both "Information Systems Development" and "Information Systems Management" in order to earn the credits for the whole module "Information Management" and "Food and Beverage Management/ Service Operations Management" and "Food and Beverage Management/ Service Operations Management" in order to earn the credits for the whole module "Hospitality Service Operations". You have to pass "Strategy Development & Implementation", "Change Management" and "CSR and Global Governance" in order to earn the credits for the whole module "Global Strategic
CTM 41200 CTM 41300 CTM 41400 CTM 71000 CTM 71100	Financial Management Financial Management Financial Economics Human Resource Management Human Resource Management Labor Market Economics Information Management Information Systems Development Information Systems Management Hospitality Service Operations Service Operations Management Food and Beverage Management/Service Operations Management Consulting Project Global Strategic Management Strategy Development & Implementation Change Management Consult Gobal Governance	2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 4 2 2 1 1 4	4 4 4 4 4 4 4 4 4 4 4 4 7 7 7 7 7 7 7 7	summer summer summer summer summer summer summer summer summer winter winter winter winter winter winter	6 6 6 6 6	Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor Market Economics" in order to earn the credits for the whole module "Human Resource Management". You have to pass both "Information Systems Development" and "Information Systems Management" in order to earn the credits for the whole module "Information Management". You have to pass both "Service Operations Management" and "Food and Beverage Management/ Service Operations Management" in order to earn the credits for the whole module "Hospitality Service Operations". You have to pass "Strategy Development & Implementation", "Change Management" and "CSR and Global Governance" in order to earn the credits for the whole module "Global Strategic Management".
CTM 41200 CTM 41300 CTM 41400 CTM 71000 CTM 71100	Financial Management Financial Economics Financial Economics Human Resource Management Human Resource Management Labor Market Economics Information Management Information Systems Development Information Systems Management Hospitality Service Operations Service Operations Management Food and Beverage Management/Service Operations Service Operations Management Food and Beverage Management/Service Operations Management Consulting Project Global Strategic Management Strategy Development & Implementation CChange Management CSR and Global Governance Innovation Management	2 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 4 4 4 4 4 4 4 4 4 4 7 7 7 7 7 7 7 7	summer summer summer summer summer summer summer summer summer winter winter winter winter winter winter winter winter	6 6 6 6 6	Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor Market Economics" in order to earn the credits for the whole module "Human Resource Management". You have to pass both "Information Systems Development" and "Information Systems Management". You have to pass both "Circuice Operations Management" and "Food and Beverage Management/ Service Operations Management" in order to earn the credits for the whole module "Hospitality Service Operations". You have to pass "Strategy Development & Implementation", "Change Management" and "CSR and Global Governance" in order to earn the credits for the whole module "Global Strategic Management". You have to pass "Innovation Management" and "Enterpreneurship" in order to earn the credits for the whole module "Innovation and
CTM 41200 CTM 41300 CTM 41400 CTM 71000 CTM 71100 CTM 71200 CTM 71300	Financial Management Financial Economics Financial Economics Human Resource Management Labor Market Economics Information Management Information Systems Development Information Systems Development Service Operations Service Operations Management Food and Beverage Management/Service Operations Management Consulting Project Global Strategic Management CSR and Global Governance Innovation Management Entrepreneurship Innovation Management Entrepreneurship Electives I	2 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 4 4 4 4 4 4 4 4 4 7 7 7 7 7 7 7 7 7	summer summer summer summer summer summer summer summer summer summer winter winter winter winter winter winter winter winter winter	6 6 6 6 6 6 3	Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor Market Economics" in order to earn the credits for the whole module "Human Resource Management". You have to pass both "Information Systems Development" and "Information Systems Management". You have to pass both "Service Operations Management" and "Food and Beverage Management/ Service Operations Management" in order to earn the credits for the whole module "Hospitality Service Operations". You have to pass "Strategy Development & Implementation", "Change Management" and "CSR and Global Governance" in order to earn the credits for the whole module "Global Strategic Management". You have to pass "Innovation Management" and "Entrepreneurship" in order to earn the credits for the whole module "Innovation and Entrepreneurship". It is possible to attend several Electives per semester which count all 3 ECTS each. The courses will typically vary from year to year. Past Electives have included: -Destination Management -Semonic Marketing -Intercultural Management -Airline Management
СТМ 41200 СТМ 41300 СТМ 41400 СТМ 71000 СТМ 71100 СТМ 71200 СТМ 71300	Financial Management Financial Economics Financial Economics Human Resource Management Human Resource Management Labor Market Economics Information Management Information Systems Development Information Systems Management Hospitality Service Operations Service Operations Management Food and Beverage Management/Service Operations Management Consulting Project Global Strategic Management Strategy Development & Implementation Change Management Entrepreneurship Innovation Management Entrepreneurship Electives I Preparing for the Bachelor Thesis	2 2 4 2 2 2 4 2 2 4 2 2 4 2 2 4 2 2 4 2 2 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 4 4 4 4 4 4 4 4 4 4 4 7 7 7 7 7 7 7	summer summer summer summer summer summer summer summer summer summer winter winter winter winter winter winter winter winter winter winter	6 6 6 6 6 6 3 3	Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor Market Economics" in order to earn the credits for the whole module "Human Resource Management". You have to pass both "Information Systems Development" and "Information Systems Management". You have to pass both "Service Operations Management" and "Food and Beverage Management/ Service Operations Management" in order to earn the credits for the whole module "Hospitality Service Operations". You have to pass "Strategy Development & Implementation", "Change Management" and "CSR and Global Governance" in order to earn the credits for the whole module "Global Strategic Management". You have to pass "Innovation Management" and "Entrepreneurship" in order to earn the credits for the whole module "Innovation and Entrepreneurship". It is possible to attend several Electives per semester which count all 3 ECTS each. The courses will typically vary from year to year. Past Electives have included: -Destination Management -Semonic Marketing -Intercultural Management -Airline Management
CTM 41200 CTM 41300 CTM 41400 CTM 71000 CTM 71100 CTM 71200 CTM 71300	Financial Management Financial Economics Financial Economics Human Resource Management Labor Market Economics Information Management Information Systems Development Information Systems Development Service Operations Service Operations Management Food and Beverage Management/Service Operations Management Consulting Project Global Strategic Management CSR and Global Governance Innovation Management Entrepreneurship Innovation Management Entrepreneurship Electives I	2 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 4 4 4 4 4 4 4 4 4 7 7 7 7 7 7 7 7 7	summer summer summer summer summer summer summer summer summer summer winter winter winter winter winter winter winter winter winter	6 6 6 6 6 6 3	Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor Market Economics" in order to earn the credits for the whole module "Human Resource Management". You have to pass both "Information Systems Development" and "Information Systems Management". You have to pass both "Service Operations Management". You have to pass both "Service Operations Management" and "Food and Beverage Management, Service Operations Management" and "Food and Beverage Management, Service Operations Management" in order to earn the credits for the whole module "Hospitality Service Operations". You have to pass "Strategy Development & Implementation", "Change Management" and "CSR and Global Governance" in order to earn the credits for the whole module "Global Strategic Management". You have to pass "Innovation Management" and "Entrepreneurship" in order to earn the credits for the whole module "Innovation and Entrepreneurship". It is possible to attend several Electives per semester which count all 3 ECTS each. The courses will typically vary from year to year. Past Electives have included: - Destination Management - Airline Management - Sustainable Tourism It is possible to attend several Electives per semester which count all 3 ECTS each. The courses will typically vary from year to year. Past Electives have included: - Destination Management - Airline Management - Management - Minine Management - Minine Management
CTM 41200 CTM 41300 CTM 41400 CTM 71000 CTM 71000 CTM 71200 CTM 71300 CTM 71400 CTM 71400 CTM 81000	Financial Management Financial Management Financial Economics Human Resource Management Labor Market Economics Information Management Information Systems Development Information Systems Development Hospitality Service Operations Service Operations Management Food and Beverage Management/Service Operations Management Consulting Project Global Strategic Management Strategy Development & Implementation Change Management EcSR and Global Governance Innovation and Entrepreneurship Innovation Management Entrepreneurship Electives I Preparing for the Bachelor Thesis Consulting Project II	2 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 7 7 7 7 7	summer summer summer summer summer summer summer summer summer summer winter winter winter winter winter winter winter winter winter winter winter winter winter winter	6 6 6 6 6 6 3 3 6	Economics" in order to earn the credits for the whole module "Business Finance". You have to pass both "Human Resource Management" and "Labor Market Economics" in order to earn the credits for the whole module "Human Resource Management". You have to pass both "Information Systems Development" and "Information Systems Management" in order to earn the credits for the whole module "Information Management". You have to pass both "Service Operations Management" and "Food and Beverage Management/ Service Operations Management" in order to earn the credits for the whole module "Hospitality Service Operations". You have to pass "Strategy Development & Implementation", "Change Management" and "CSR and Global Governance" in order to earn the credits for the whole module "Information Amagement". You have to pass "Innovation Management" and "Entrepreneurship" in order to earn the credits for the whole module "Innovation and Entrepreneurship". It is possible to attend several Electives per semester which count all 3ECTS each. The course will typically vary from year to year. Past Electives have included: - Destination Management - Sustainable Tourism It is possible to attend several Electives per semester which count all 3ECTS each. The course will typically vary from year to year. Past Electives have included: - Destination Management - Sustainable Tourism It is possible to attend several Electives per semester which count all 3ECTS each. The course will typically vary from year to year. Past Electives have included: - Destination Management - Sustainable Tourism

	Gebäudeenergietechnik - Industrial Plant Engineering (GET)						
Code	Course	Semester hour	Semester	Winter / Summer	ECTS/Credits	Information	
Module: 37000	Technical English (Technisches Englisch)					It is possible to split up the number of ECTS to 2,5 if you are only	
37010	Technical English 1 (Technisches Englisch 1)	2	3	winter	5	staying one semester.	
37020	Technical English 2 (Technisches Englisch 2)	2	4	summer		staying one semester.	

	Gründung, Innovation, Führung - Entrepreneurship (GIF)								
Code	Course	Semester hour	Semester	Winter/Summer	ECTS/Credits	Information			
GIF 11500	English for Business 1		1	winter	5				
GIF WP	Global Business Challenge			winter	5	This course can only be offered in English by prior arrangement.			
	International Tourism Management (ITM)								
		-							
Code	Course	Semester hour	Semester	Winter/Summer	ECTS/Credits	Information			
	Entrepreneurship Competencies	3	1	winter		You have to pass both "Innovation & Entrepreneurship in Tourism"			
ITM 11000	Innovation & Entrepreneurship in Tourism	2	1	winter	6	and "Innovation & Entrepreneurship Project" in order to earn credits			
	Innovation & Entrepeneurship Project	1	1	winter		for the whole module "Entrepreneurship Competencies".			
	Business & Management in Tourism	4	1	winter		You have to pass both "Foundations of Business" and "Financial			
ITM 11100	Foundations of Business	2	1	winter	6	Accounting" in order to earn credits for the whole module "Business			
	Financial Accounting	2	1	winter		& Management in Tourism".			
ITM 11200	Introduction to Tourism	4	1	winter	6				
	Maths & Statistics	4	1	winter		You have to pass both "Business Maths & Statistics" and "Statistics &			
ITM 11300	Business Maths & Statistics	2	1	winter	6	Statistical Software" in order to earn credits for the whole module			
	Statistics & Statistical Software	2	1	winter		"Maths & Statistics".			
ITM 11400	Business Law	2	1	winter	3				
ITM 11500	Microeconomics	2	1	winter	3				

				1		
ITM 21000	Citizenship Competencies Tourism Marketing	1 4	2	summer summer	6	
	Principles of Marketing	2	2	summer		You have to pass "Principles of Marketing", "Market Research" and
ITM 21100	Market Research	1	2	summer	6	"Digital Marketing in Tourism" in order to earn credits for the whole module "Tourism Marketing".
	Digital Marketing in Tourism	1	2	summer		indule fourism marketing .
	Tourism Management	4	2	summer		You have to pass both "Tour Operating" and "Pricing & Yield" in
ITM 21200	Tour Operating Pricing & Yield	2	2	summer summer	6	order to earn credits for the whole module "Tourism Management".
ITM 21300	Tourism Law	2	2	summer	3	
ITM 21400	Macroeconomics	2	2	summer	3	
ITM 21500	Project & Event Management	4	2	summer		You have to pass both "Project Management" and "Event
	Project Management	2	2	summer	6	Management" in order to earn credits for the whole module "Projec
	Event Management	2	2	summer	6	& Event Management".
ITM 31000 ITM 31100	Tourism Competencies Tourism Destination Management	1 4	3	winter winter	6	
ITM 31200	Corporate Social Responsibility	2	3	winter	3	
	Cruise & Innovation in Tourism	4	3	winter	-	You have to pass both "Intro to Cruise Tourism" and "Intro to
ITM 31300	Intro to Cruise Tourism	2	3	winter	6	Innovation in Tourism" in order to earn credits for the whole module
	Intro to Innovation in Tourism	2	3	winter		"Cruise & Innovation in Tourism".
1754 21 400	Hospitality Management	4	3	winter	c	You have to pass both "Service Operations Management" and "Food
ITM 31400	Service Operations Management Food & Beverage Management	2	3	winter winter	6	"Beverage Management" in order to earn credits for the whole module "Hospitality Management".
ITM 31500	Management Accounting & Controlling	2	3	winter	3	module mospharty management :
		1			1	
	Lebensmitte	technologie -	Food Tec	hnology (LTW)		
Code	Course	Semester hour	Semester	Winter/Summer	ECTS/Credits	Information
11410	Seminar Technical English (Seminar Fachsprache Englisch)	2	1	winter	2,5	
	Lebensmitteltechn	-				
Code	Course	Semester hour		Winter/Summer	ECTS/Credits	Information
LTW dual 51000	Quality Management	2	5	winter	5	
LTW dual 51100 LTW dual 51200	Food Hygiene Automation/ Industry 4.0/ AI	3	5	winter winter	5	
LTW dual 51200	Investment and Financing	2	5	winter	5	
LTW dual 51500	Cost and Performance Accounting	3	5	winter	5	
LTW dual 51500	Study Project		5	winter	5	
LTW dual 61000	Food Processing	2	6	summer	5	
LTW dual 61100	Food Packaging	3	6	summer	5	
LTW dual 61200 LTW dual 61300	Global Food Markets and International Management Product Innovation and Market Research	2	6	summer	5	
LTW dual 61500	Product innovation and Market Research	3	0	summer	5	
	Maritime Techr	ologien - Ma	ritime Teo	hnologies (MA	R)	
Code	Course	Semester hour	Semester	Winter/Summer	ECTS/Credits	Information
Module: 11000	Foreign Languages (Fremdsprachen)	Semester nour	Semester	viniter, summer	Lensy circuits	
11010	Language Laboratory I (Sprachlabor I)	2	1	winter	5	It is possible to split up the number of ECTS to 2,5 if you are only staying one semester.
11020	Language Laboratory II (Sprachlabor II)	2	2	summer		staying one semester.
51000	Coastal Zone Management (Küstenzonenmanagement)	3	5	winter	5	
	Modizint	echnik - Medi	cal Engine	oring (MT)		
Code	Course	Semester hour	Semester	Winter / Summer	ECTS/Credits	Information
MT 21100	Technical English 1 (Technisches Englisch 1)	2	2	summer	3	information
WIT 21100		2	2	summer	3	
	Nachhaltige Energie- und Umwelttechnol	ogien - Regen	erative Er	nergy and Envir	onmental Te	chnology (NEU)
Code	Course	Semester hour				Information
	Languages (Sprachen)					
Module: 11000	Languages (Sprachen)					
w/0aule: 11000	Technical English 1 (Technisches Englisch 1)	2	1	winter	5	It is possible to split up the number of ECTS to 2,5 if you are only staving one semester.
	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2)	2	2	summer		It is possible to split up the number of ECIS to 2,5 if you are only staying one semester.
31310	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch)				5 2,5	staying one semester.
	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2)	2	2 3	summer winter	2,5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in order
31310	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch)	2	2	summer		staying one semester.
31310 Module: 41100	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch)	2 2 2 2	2 3 4	summer winter summer	2,5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid
31310	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion	2 2 2 2 2	2 3 4 4 5	summer winter summer summer winter	2,5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the
31310 Module: 41100 Module: 51000	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion	2 2 2 2 2 2 2	2 3 4 4	summer winter summer summer	2,5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and
31310 Module: 41100	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärneaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase How (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei	2 2 2 2 2 2 2	2 3 4 4 5 5 5	summer winter summer summer winter winter	2,5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the
31310 Module: 41100 Module: 51000	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase Flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline planning and engineering (Rohrleitungsplanung und -bau)	2 2 2 2 2 2 2	2 3 4 4 5 5 5	summer winter summer summer winter	2,5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul
31310 Module: 41100 Module: 51000	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärneaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase How (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei	2 2 2 2 2 2 2	2 3 4 4 5 5 5	summer winter summer summer winter winter	2,5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force
31310 Module: 41100 Module: 51000 Module: 51100	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline planning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen)	2 2 2 2 2 smaschinen) 2	2 3 4 4 5 5 5	summer winter summer summer winter winter winter	2,5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines".
31310 Module: 41100 Module: 51000 Module: 51100	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase Flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline planning and engineering (Rohrleitungsplanung und -bau)	2 2 2 2 2 smaschinen) 2	2 3 4 4 5 5 5	summer winter summer summer winter winter winter	2,5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling
31310 Module: 41100 Module: 51000 Module: 51100	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline planning and engineering (Rohrleitungsbaung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling and simulation (Modellbildung und Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation)	2 2 2 2 2 2 csmaschinen) 2 2 2 1	2 3 4 5 5 5 5 5 5	summer winter summer summer winter winter winter winter winter	2,5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modu "Ipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole
31310 Module: 41100 Module: 51000 Module: 51100	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline planning and engineering (Rohrleitungsbaung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling and simulation (Modellbildung und Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation und Versuch)	2 2 2 2 2 smaschinen) 2 2 2 1 2 2	2 3 4 4 4 5 5 5 5 5 5 5 5 5	summer winter summer winter winter winter winter winter winter winter	2,5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling
31310 Module: 41100 Module: 51000 Module: 51100 Module: 51200	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline planning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling and simulation (Modellbildung und Simulation) Seminar modelling, simulation (Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau)	2 2 2 2 2 2 csmaschinen) 2 2 2 1	2 3 4 5 5 5 5 5 5	summer winter summer summer winter winter winter winter winter	2,5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in order to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation".
31310 Module: 41100 Module: 51000 Module: 51100 S1310	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Janning and engineering (Rohrleitungsbaung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling and simulation (Modellbildung und Simulation) Seminar modelling, simulation Seminar Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren)	2 2 2 2 2 (smaschinen) 2 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer winter winter winter winter winter winter winter winter winter	2,5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass bothThermal separation methods and Basic
31310 Module: 41100 Module: 51000 Module: 51100 S1310	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbeir Pipeline planning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling and simulation (Modellbildung, Simulation) Seminar modelling, simulation (Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Basic Engineering	2 2 2 2 2 smaschinen) 2 2 2 1 2 2	2 3 4 4 4 5 5 5 5 5 5 5 5 5	summer winter summer winter winter winter winter winter winter winter	2,5 5 5 5 5 5 2,5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modu "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation".
31310 Module: 41100 Module: 51000 Module: 51100 S1310 Module: 51400	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Janning and engineering (Rohrleitungsbaung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Modellbildung und Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation) Modelling, simulation and experiment (Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Basic Engineering Mechanical separation methods (Mechanische Trennverfahren)	2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer winter winter winter winter winter winter winter winter winter winter winter	2,5 5 5 5 5 5 2,5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modu "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass bothThermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods".
31310 Module: 41100 Module: 51000 Module: 51100 S1310 Module: 51400	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline planning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, and simulation (Modellbildung und Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation) und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Thermal separation methods (Mechanische Trennverfahren) Basic Engineering Mechanical separation methods (Mechanische Trennverfahren)	2 2 2 2 smaschinen) 2 2 2 1 2 2 2 2 2 2 2	2 3 4 4 5 5 5 5 5 5 5 5 5 5 5	summer winter summer winter winter winter winter winter winter winter winter winter winter	2,5 5 5 5 5 5 2,5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modu "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling ismulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass bothThermal separation methods and Basic Engineering in order to earn the credits for the whole module
31310 Module: 41100 Module: 51000 Module: 51100 S1310 Module: 51400	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline planning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling and simulation (Modellbildung und Simulation) Seminar modelling, simulation (Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Thermal separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren)	2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer winter winter winter winter winter winter winter winter winter winter winter	2,5 5 5 5 5 2,5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass bothThermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Mechanical separation methods and
31310 Module: 41100 Module: 51000 Module: 51100 S1310 Module: 51400 Module: 51500	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Janning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Modellbildung und Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Laboratory on mechanical separation methods (Labor zu Mechanische Trennverfahren)	2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer summer winter winter winter winter winter winter winter winter winter winter winter	2,5 5 5 5 5 2,5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modu "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Mechanical separation methods and Laboratory on mechanical separation methods in order to earn the credits for the whole module "Mechanical separation methods".
31310 Module: 41100 Module: 51000 Module: 51100 S1310 Module: 51400	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline planning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling and simulation (Modellbildung und Simulation) Seminar modelling, simulation (Smeinar Modellbildung, Simulation) Modelling, simulation (Stermer Modellbildung, Simulation) Modelling, simulation (Intermische Trennverfahren) Thermal separation methods (Thermische Trennverfahren) Basic Engineering Mechanical separation methods (Mechanische Trennverfahren) Laboratory on mechanical separation methods (Labor zu Mechanische Trennverfahren) Laboratory on mechanical separation methods (Labor zu Mechanische Trennverfahren)	2 2 2 2 smaschinen) 2 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2	2 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer winter winter winter winter winter winter winter winter winter winter winter winter	2,5 5 5 5 5 2,5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in order to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Thermo dynamics of energy conversion and and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Mechanical separation methods and Laboratory on mechanical separation methods in order to earn the credits for the whole module "Mechanical separation methods". You have to pass both Foundations of water technologies and
31310 Module: 41100 Module: 51000 Module: 51100 Module: 51200 51310 Module: 51400 Module: 51500	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline planning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling and simulation (Modellbildung und Simulation) Seminar modelling, simulation (Smeinar Modellbildung, Simulation) Modelling, simulation (Sterimar Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Thermal separation methods (Mechanische Trennverfahren) Basic Engineering Mechanical separation methods (Mechanische Trennverfahren) Laboratory on mechanical separation methods (Labor zu Mechanische Trennverfahren) Foundation of environmental plants (Auslegung von umwelttechnischen Anlagen) Foundations of water technologies (Grundlagen der Wassertechnologien)	2 2 2 2 2 smaschinen) 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer winter winter winter winter winter winter winter winter winter winter winter winter winter winter	2,5 5 5 5 5 2,5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass bothThermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Mechanical separation methods and Laboratory on the low dule "Mechanical separation methods". You have to pass both Foundations of water technologies and Construction of environmental plants in order to earn the credits for the credits for the whole module "
31310 Module: 41100 Module: 51000 Module: 51100 51310 Module: 51400 Module: 51500 Module: 51600	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline planning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling and simulation (Modellbildung und Simulation) Seminar modelling, simulation (Smeinar Modellbildung, Simulation) Modelling, simulation (Enermische Trennverfahren) Thermal separation methods (Thermische Trennverfahren) Basic Engineering Mechanical separation methods (Mechanische Trennverfahren) Laboratory on mechanical separation methods (Labor zu Mechanische Trennverfahren) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Foundations of water technologies (Grundlagen der Wassertechnologien) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen)	2 2 2 2 smaschinen) 2 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2	2 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer winter winter winter winter winter winter winter winter winter winter winter winter	2,5 5 5 5 5 2,5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass bothThermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Mechanical separation methods and Laboratory on mechanical separation methods and Laboratory on mechanical separation methods and Credits for the whole module "Mechanical separation methods". You have to pass both Foundations of water technologies and Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants".
31310 Module: 41100 Module: 51000 Module: 51100 51310 Module: 51400 Module: 51500 Module: 51600	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Janning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Modellbildung und Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Thermal separation methods (Mechanische Trennverfahren) Basic Engineering Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Elaboratory on mechanical separation methods (Labor zu Mechanische Trennverfahren) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Water Technology (Wassertechnologie)	2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer winter winter winter winter winter winter winter winter winter winter winter winter winter winter winter	2,5 5 5 5 2,5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engies for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Mechanical separation methods and Laboratory on mechanical separation methods in order to earn the credits for the whole module "Mechanical separation methods". You have to pass both Foundations of water technologies and Construction of environmental plants in order to earn the credits. You have to pass both Foundations of water technologies and Construction of environmental plants in order to earn the credits. You have to pass both Water supply and Laboratory on water suppl
31310 Module: 41100 Module: 51000 Module: 51100 51310 Module: 51400 Module: 51500 Module: 51600	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbeir Pipeline Janning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, amulation (Modellbildung und Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Thermal separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Laboratory on mechanical separation methods (Labor zu Mechanische Trennverfahren) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Foundations of water technologies (Grundlagen der Wassertechnologien) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Water Supply (Wasserversorgung)	2 2 2 2 smaschinen) 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer winter winter winter winter winter winter winter winter winter winter winter winter winter winter winter winter	2,5 5 5 5 5 2,5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass bothThermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Mechanical separation methods and Laboratory on mechanical separation methods in order to earn the credits for the whole module "Mechanical separation methods". You have to pass both Foundations of water technologies and Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Foundations of water technologies and Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants".
31310 Module: 41100 Module: 51000 Module: 51200 S1310 Module: 51400 Module: 51500 Module: 51600 Module: 51700	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Janning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Modellbildung und Simulation) Semiar modelling, simulation (Semiar Modellbildung, Simulation) Modelling, simulation and experiment (Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Thermal separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Labor zu Mechanische Trennverfahren) Eonstruction of environmental plants (Auslegung von umwelttechnischen Anlagen) Foundations of water technologies (Grundlagen der Wassertechnologien) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Water Technology (Wassertechnologie) Water Supply (Wassertechnologie)	2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer winter winter winter winter winter winter winter winter winter winter winter winter winter winter winter	2,5 5 5 5 2,5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass bothThermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Mechanical separation methods and Laboratory on mechanical separation methods and Laboratory on mechanical separation methods in order to earn the credits for the whole module "Mechanical separation methods". You have to pass both Foundations of water technologies and Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Water supply and Laboratory on water suppl in order to earn the credits for the whole module "Water technology".
31310 Module: 41100 Module: 51000 Module: 51100 51310 Module: 51400 Module: 51500 Module: 51600	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbeir Pipeline Janning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, amulation (Modellbildung und Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Thermal separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Laboratory on mechanical separation methods (Labor zu Mechanische Trennverfahren) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Foundations of water technologies (Grundlagen der Wassertechnologien) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Water Supply (Wasserversorgung)	2 2 2 2 smaschinen) 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer winter winter winter winter winter winter winter winter winter winter winter winter winter winter winter winter	2,5 5 5 5 2,5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in order to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Mechanical separation methods and Laboratory on mechanical separation methods in order to earn the credits for the whole module "Mechanical separation methods". You have to pass both Foundations of water technologies and Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Water supply and Laboratory on water suppli in order to earn the credits for the whole module "Water technology".
31310 Module: 41100 Module: 51000 Module: 51200 51310 Module: 51400 Module: 51500 Module: 51600	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Jenning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Modellbildung und Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Thermal separation methods (Mechanische Trennverfahren) Basic Engimeering Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Enorny of methodis (Baparation Zu Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Water Technology (Wassertechnologie) Water Technology (Wassertechnologie) Energy Conversion and Efficiency 2 (Energieumwandlung und -effizienz 2) Energy Efficiency 2 (Lenrgieeffizienz 2)	2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer winter winter winter winter winter winter winter winter winter winter winter winter winter winter winter winter winter	2,5 5 5 5 5 5 5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole modul "Thermal separation methods". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Foundations of water technologies and Laboratory on mechanical separation methods and Laboratory on environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Meter supply and Laboratory on water suppl in order to earn the credits for the whole module "Water technology". You have to pass both Energy efficiency 2 and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Mater technology".
31310 Module: 41100 Module: 51000 Module: 51100 Module: 51200 51310 Module: 51400 Module: 51500 Module: 51500 Module: 51600 Module: 51700 Module: 61300	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Janning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Modellbildung und Simulation) Seminar modelling, simulation (Steminar Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Laboratory on mechanical separation methods (Labor zu Mechanische Trennverfahren) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) foundations of water technologies (Grundlagen der Wassertechnologien) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Water Technology (Wasserversorgung) Laboratory on water supply (Labor zu Wasserversorgung) Energy Omversion and Efficiency 2 (Labor zu Wasserversorgung) Energy Conversion and Efficiency 2 (Labor zu Energieeffizienz 2) Energy Efficiency 2 (Energieeffizienz 2) Energy Efficiency 2 (Energieeffizienz 2) Energy Conversion and Efficiency 2 (Labor zu Energieeffizienz 2) Energy Efficiency 2 (Energieeffizienz 2) Energy Conversion and Efficiency 2 (Labor zu Energieeffizienz 2) Energy Efficiency 2 (Energieeffizienz 2) Energy Efficiency 2 (Energieeffizienz 2) Energy Efficiency 2 (Energieeffizienz 2) Energy Efficiency 2 (Energieeffizienz 2) Ener	2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer winter winter winter winter winter winter winter winter winter winter winter winter winter winter winter winter winter summer	2,5 5 5 5 5 5 5 5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Mechanical separation methods and Laboratory on mechanical separation methods in order to earn the credits for the whole module "Mechanical separation methods". You have to pass both Foundations of water technologies and Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Kordarics of a laboratory on water suppl in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Energy efficiency 2 and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Energ Conversion and Efficiency 2".
31310 Module: 41100 Module: 51000 Module: 51100 Module: 51200 51310 Module: 51400 Module: 51500 Module: 51500 Module: 51600 Module: 51700 Module: 61300	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbeir Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbeir Pipeline glanning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Modellbildung und Simulation) Semiar modelling, simulation (Semiar Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Thermal separation methods (Internische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Energrafischering foundations of environmental plants (Auslegung von unwelttechnischen Anlagen) Foundations of environmental plants (Auslegung von unwelttechnischen Anlagen) Water supply (Wassertechnologie) Water supply (Uabor zu Wasserversorgung) Laboratory on vater supply (Labor zu Wasserversorgung) Energy Efficiency 2 (Lenergieumwandlung und -effizienz 2) Energy Efficiency 2 (Lenergieumwandlung und -effizienz 2) Energy Efficiency 2 (Lenergieumy and Lengen) Tennergieum (Mergineum) Energy Efficiency 2 (Lenergieumwandlung und -effizienz 2) Energy Efficiency 2 (Lenergieumy and Lengen) Energy Efficiency 2 (Lengrieum and Lengen) Energy Efficiency 2 (Lengrieum) and Lengen) Energieum (Mergineum) (Labor zu Wasserversorgung) Energy Efficiency 2 (Lengrieum) and Lengen) Energieum (Mergineum) (Labor zu Wasserversorgung)	2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer winter winter winter winter winter winter winter winter winter winter winter winter winter winter winter winter winter summer summer	2,5 5 5 5 5 5 5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Mechanical separation methods and Laboratory on mechanical separation methods and Laboratory on mechanical separation methods and Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Water supply and Laboratory on water suppl in order to earn the credits for the whole module "Ket technology". You have to pass both Mether supply and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Dendations of water technologies and construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Energy efficiency 2 and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Energ Conversion and Efficiency 2". You have to pass both Construction MVT plants and Laboratory on
31310 Module: 41100 Module: 51000 Module: 51100 Module: 51200 51310 Module: 51400 Module: 51500 Module: 51500 Module: 51600 Module: 51700 Module: 61300	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Janning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Modellbildung und Simulation) Seminar modelling, simulation (Steminar Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Laboratory on mechanical separation methods (Labor zu Mechanische Trennverfahren) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) foundations of water technologies (Grundlagen der Wassertechnologien) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Water Technology (Wasserversorgung) Laboratory on water supply (Labor zu Wasserversorgung) Energy Omversion and Efficiency 2 (Labor zu Wasserversorgung) Energy Conversion and Efficiency 2 (Labor zu Energieeffizienz 2) Energy Efficiency 2 (Energieeffizienz 2) Energy Efficiency 2 (Energieeffizienz 2) Energy Conversion and Efficiency 2 (Labor zu Energieeffizienz 2) Energy Efficiency 2 (Energieeffizienz 2) Energy Conversion and Efficiency 2 (Labor zu Energieeffizienz 2) Energy Efficiency 2 (Energieeffizienz 2) Energy Efficiency 2 (Energieeffizienz 2) Energy Efficiency 2 (Energieeffizienz 2) Energy Efficiency 2 (Energieeffizienz 2) Ener	2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer winter winter winter winter winter winter winter winter winter winter winter winter winter winter winter winter winter summer	2,5 5 5 5 5 5 5 5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in order to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Thermo dynamics of energy conversion and and work machines in order to earn the credits for the whole module "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Mechanical separation methods and Laboratory on mechanical separation methods in order to earn the credits for the whole module "Mechanical separation methods". You have to pass both Foundations of water technologies and Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Bundation of water atechnologies and Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Heregy efficiency 2 and Laboratory on water suppl in order to earn the credits for the whole module "Energ Conversion and Efficiency 2". You have to pass both South Construction MVT plants and Laboratory on
31310 Module: 41100 Module: 51000 Module: 51100 Module: 51200 51310 Module: 51400 Module: 51500 Module: 51500 Module: 51600 Module: 51700 Module: 61300	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Janning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Modellbildung und Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Thermal separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Basic Englineering Mechanical separation methods (Mechanische Trennverfahren) Laboratory on mechanical separation methods (Labor zu Mechanische Trennverfahren) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) foundations of water technologies (Grundlagen der Wassertechnologien) Water Technology (Wasserversorgung) Laboratory on water supply (Labor zu Wasserversorgung) Energy Conversion and Efficiency 2 (Labor zu Wasserversorgung) Energy Conversion and Efficiency 2 (Labor zu Masserversorgung) Energy Conversion and Efficiency 2 (Labor zu Masserversorgung) Laboratory on energy efficiency 2 (Labor zu Masserversorgung) Laboratory on energy efficiency 2 (Labor zu Energieeffizienz 2) Construction of mechanical-procedural plants (Auslegung mechanisch-verfahrenste Construction of mechanical-procedural plants (Labor zu Auslegung MVT Anlagen) Laboratory on construction MVT plants (Labor zu Auslegung MVT Anlagen)	2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer summer winter winter winter winter winter winter winter winter winter winter winter winter winter winter summer summer	2,5 5 5 5 5 5 5 5 5 5 5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Mechanical separation methods and Laboratory on mechanical separation methods and Laboratory on mechanical separation methods and Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Water supply and Laboratory on water suppl in order to earn the credits for the whole module "Ket technology". You have to pass both Mether supply and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Dendations of water technologies and construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Energy efficiency 2 and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Energ Conversion and Efficiency 2". You have to pass both Construction MVT plants and Laboratory on
31310 Module: 41100 Module: 51000 Module: 51200 51310 Module: 51400 Module: 51500 Module: 51600 Module: 51700 Module: 61300 Module: 61400	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbeir Pipeline Janning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, and unglineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Seminar Modellbildung, Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Thermal separation methods (Intermische Trennverfahren) Basic Englineering Mechanical separation methods (Mechanische Trennverfahren) Laboratory on mechanical separation methods (Labor zu Mechanische Trennverfahren) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Foundations of water technologies (Grundlagen der Wassertechnologien) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Foundations of water technologies (Brundlagen der Wassertechnologien) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Fuergy Efficiency 2 (Energieufmar 2) Energy Efficiency 2 (Energieufmar 2) Laboratory on water supply (Labor zu Wasserversorgung) Laboratory on water Supply (Labor zu Wasserversorgung) Laboratory on energy efficiency 2 (Labor zu Energieeffizienz 2) Construction of mechanical procedural Plants (Auslegung mechanisch-verfahrenstee Construction MVT plants (Labor zu Auslegung MVT Anlagen) Laboratory on construction MVT plants (Labor zu Auslegung MVT Anlagen)	2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer winter winter winter winter winter winter winter winter winter winter winter winter winter winter winter summer summer summer summer	2,5 5 5 5 5 5 5 5 5 5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in order to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Mechanical separation methods and Laboratory on mechanical separation methods and Laboratory on mechanical separation methods and Construction of environmental plants in order to earn the credits for the whole module "Mechanical separation methods". You have to pass both Mechanical separation methods and Laboratory on mechanical separation methods and Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Water supply and Laboratory on water suppli in order to earn the credits for the whole module "Mater technology". You have to pass both Energy efficiency 2 and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Reerg Conversion and Efficiency 2. You have to pass both Construction of mer the aredits for the whole module "Construction of mechanical-procedural plants".
31310 Module: 41100 Module: 51000 Module: 51100 S1310 Module: 51400 Module: 51500 Module: 51600 Module: 51700 Module: 61400 Module: 61400	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion laboratory on energy conversion Pipeline Jenning and engineering (Rohrleitungsbau, Kraft- und Arbei Pipeline Jenning and engineering (Rohrleitungsbaung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Modellbildung und Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Thermal separation methods (Mechanische Trennverfahren) Basic Engineering Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Enorgy on mechanical separation methods (Labor zu Mechanische Trennverfahren) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Water Technology (Wassertechnologie) Water Technology (Wassertechnologie) Energy Conversion and Efficiency 2 (Labor zu Messertechnologien) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Water Technology (Wassertechnologie) Energy Efficiency 2 (Labor zu Messertechnologien) Energy Conversion and Efficiency 2 (Labor zu mergieeffizienz 2) Energy Efficiency 2 (Labor zu Energieeffizienz 2) Energy Efficiency 2 (Labor zu Energieeffizienz 2) Energy Efficiency 2 (Labor zu Energieeffizienz 2) Energy Efficiency 1 (Labor zu Hespieffizienz 2) Enboratory on construction MVT plants (Labor zu Auslegung MVT Anlagen) Produktionste	2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer summer winter winter winter winter winter winter winter winter winter winter winter winter winter winter summer summer	2,5 5 5 5 5 5 5 5 5 5 5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Mechanical separation methods and Laboratory on mechanical separation methods and Laboratory on mechanical separation methods and Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Water supply and Laboratory on water suppl in order to earn the credits for the whole module "Ket technology". You have to pass both Construction of environmental plants". You have to pass both Construction of environmental plants and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Kerg Conversion and Efficiency 2". You have to pass both Construction MVT plants and Laboratory on construction MVT plants in order to earn the credits for the whole module "Construction of mechanical-procedural plants".
31310 Module: 41100 Module: 51000 Module: 51100 S1310 Module: 51400 Module: 51500 Module: 51600 Module: 51700 Module: 61400 Module: 61400	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbeir Pipeline Janning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, and unglineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Seminar Modellbildung, Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Thermal separation methods (Intermische Trennverfahren) Basic Englineering Mechanical separation methods (Mechanische Trennverfahren) Laboratory on mechanical separation methods (Labor zu Mechanische Trennverfahren) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Foundations of water technologies (Grundlagen der Wassertechnologien) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Foundations of water technologies (Brundlagen der Wassertechnologien) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Fuergy Efficiency 2 (Energieufmar 2) Energy Conversion and Efficiency 2 (Labor zu Messerversorg Laboratory on water supply (Labor zu Wasserversorg Laboratory on energy efficiency 2 (Labor zu Lenergieeffizienz 2) Energy Efficiency 2 (Energieeffizienz	2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer winter winter winter winter winter winter winter winter winter winter winter winter winter winter winter summer summer summer summer	2,5 5 5 5 5 5 5 5 5 5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Foundations of water technologies and Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Energy efficiency 2 and Laboratory on water supply in order to earn the credits for the whole module "Water technology". You have to pass both Energy efficiency 2 and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Energ Conversion and Efficiency 2". You have to pass both Energy efficiency 2 and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Energ Conversion and Efficiency 2". You have to pass both Construction MVT plants and Laboratory on construction of mechanical-procedural plants". You have to pass both Construction MVT plants for the whole module "Construction of mechanical-procedural plants".
31310 Module: 41100 Module: 51000 Module: 51100 51310 Module: 51400 Module: 51500 Module: 51600 Module: 51700 Module: 61300 Module: 61400	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Janning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Modellbildung und Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Thermal separation methods (Intermische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Basic Englineering Mechanical separation methods (Mechanische Trennverfahren) Laboratory on mechanical separation methods (Labor zu Mechanische Trennverfahren) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) foundations of water technologies (Grundlagen der Wassertechnologien) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Fourgy Conversion and Efficiency 2 (Labor zu Wasserversorgung) Laboratory on water supply (Labor zu Wasserversorgung) Energy Conversion and Efficiency 2 (Labor zu Wasserversorgung) Energy Conversion and Efficiency 2 (Labor zu Masserversorgung) Energy Conversion and Efficiency 2 (Labor zu Masserversorgung) Laboratory on construction MVT plants (Luslegung MVT Anlagen) Thermateria (Englisch)	2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer summer winter winter winter winter winter winter winter winter winter winter winter winter winter summer summer summer summer Summer Summer Summer	2,5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Mechanical separation methods and Laboratory on mechanical separation methods and Laboratory on mechanical separation methods and Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Water supply and Laboratory on water suppl in order to earn the credits for the whole module "Ket technology". You have to pass both Construction of environmental plants". You have to pass both Construction of environmental plants and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Kerg Conversion and Efficiency 2". You have to pass both Construction MVT plants and Laboratory on construction MVT plants in order to earn the credits for the whole module "Construction of mechanical-procedural plants".
31310 Module: 41100 Module: 51000 Module: 51100 51310 Module: 51400 Module: 51500 Module: 51600 Module: 51700 Module: 61300 Module: 61400	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Janning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Modellbildung und Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Thermal separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Enernverfahren) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) foundations of water technologies (Grundlagen der Wassertechnologien) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Fuergy Conversion and Efficiency 2 (Labor zu Wasserversorgung) Laboratory on energy efficiency 2 (Labor zu Wasserversorgung) Energy Conversion and Efficiency 2 (Labor zu Masserversorgung) Laboratory on energy efficiency 2 (Labor zu Masserversorgung) Laboratory on construction MVT plants (Lubor zu Auslegung MVT Anlagen) Laboratory on construction MVT plants (Lubor zu Auslegung MVT Anlagen) Laboratory on construction MVT plants (Lubor zu Auslegung MVT Anlagen) Laboratory on construction MVT plants (Lubor zu Auslegung MVT Anlagen) Laboratory on construction MVT plants (Lubor zu Auslegung MVT Anlagen) Laboratory on construction MVT plants (Lubor zu Auslegung MVT Anlagen) Laboratory English (Sprachlabor Englisch) Language Labora	2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer summer winter summer su	2,5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Foundations of water technologies and Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Energy efficiency 2 and Laboratory on water supply in order to earn the credits for the whole module "Water technology". You have to pass both Energy efficiency 2 and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Energ Conversion and Efficiency 2". You have to pass both Energy efficiency 2 and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Energ Conversion and Efficiency 2". You have to pass both Construction MVT plants and Laboratory on construction of mechanical-procedural plants". You have to pass both Construction MVT plants for the whole module "Construction of mechanical-procedural plants".
31310 Module: 41100 Module: 51000 Module: 51100 51310 Module: 51200 Module: 51400 Module: 51500 Module: 51600 Module: 51700 Module: 61300 Module: 61400	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Pipeline Engineering, Fore and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Engineering, Fore and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Engineering, Fore and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Inning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Modellbildung und Simulation) Semiar modelling, simulation (Semiar Modellbildung, Simulation) Modelling, simulation and experiment (Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Ihermische Trennverfahren) Thermal separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Eaboratory on mechanical separation methods (Labor zu Mechanische Trennverfahren) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Foundations of water technologies (Grundlagen der Wassertechnologien) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Water supply (Wassertechnologie) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Energy Efficiency 2 (Lenergieumwandlung und -effizienz 2) Energy Efficiency 2 (Lenergieumwandlung und -effizienz 2) Energy Efficiency 2 (Lenergieumwandlung und -effizienz 2) Energy Efficiency 2 (Lenergieumy anlaguen) Laboratory on energy efficiency 2 (Labor zu Bergieuffizienz 2) Energy Efficiency 2 (Lenergieumwandlung und -effizienz 2) Energy Efficiency 2 (Lenergieumy anlaguen) Laboratory on energy efficiency 2 (Labor zu	2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer summer winter summer su	2,5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Hermal separation methods". You have to pass both Mechanical separation methods and Laboratory on mechanical separation methods in order to earn the credits for the whole module "Mechanical separation methods". You have to pass both Foundations of mater technologies and Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Energy efficiency 2 and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Muter technology". You have to pass both Construction VT plants and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Energ Conversion and Efficiency 2". You have to pass both Construction VT plants and Laboratory on construction MT plants in order to earn the credits for the whole module "Construction of mechanical-procedural plants". You have to pass both Construction MT plants and Laboratory on construction MT plants in order to earn the credits for the whole module "Construction of mechanical-procedural plants".
31310 Module: 41100 Module: 51000 Module: 51200 51310 Module: 51400 Module: 51400 Module: 51500 Module: 51600 Module: 51700 Module: 61300 Module: 61300 Code	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Jenning and engineering (Rohrleitungsbaung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Modellbildung und Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Thermal separation methods (Mechanische Trennverfahren) Basic Engimeering Mechanical separation methods (Mechanische Trennverfahren) Eaboratory on mechanical separation methods (Labor zu Mechanische Trennverfahren) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Water Technology (Wassertechnologie) Water Technology (Wassertechnologie) Water Technology (Wassertechnologie) Energy Conversion and Efficiency 2 (Energieumwandlung und -effizienz 2) Energy Efficiency 2 (Lenergieuffizienz 2) Energy Efficiency 2 (Lenergieuffizienz 2) Energy Efficiency 2 (Lenergieumwandlung und -effizienz 2) Energy Efficiency 2 (Labor zu Energieuffizienz 2) Energy Efficiency 2 (Labor zu Energieuffizienz 2) Construction of mechanical-procedural plants (Auslegung mechanisch-verfahrenster Construction MVT plants (Labor zu Energieuffizienz 2) Energy Efficiency 2 (Energieumwandlung und -effizienz 2) Energy Efficiency 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer summer winter summer su	2,5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in orde to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Hermal separation methods". You have to pass both Mechanical separation methods and Laboratory on mechanical separation methods in order to earn the credits for the whole module "Mechanical separation methods". You have to pass both Foundations of mater technologies and Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Energy efficiency 2 and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Muter technology". You have to pass both Construction VT plants and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Energ Conversion and Efficiency 2". You have to pass both Construction VT plants and Laboratory on construction MT plants in order to earn the credits for the whole module "Construction of mechanical-procedural plants". You have to pass both Construction MT plants and Laboratory on construction MT plants in order to earn the credits for the whole module "Construction of mechanical-procedural plants".
31310 Module: 41100 Module: 51000 Module: 51100 S1310 Module: 51200 S1310 Module: 51400 Module: 51500 Module: 51500 Module: 51700 Module: 61300 Module: 61400 Code	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline planning, and engineering (Rohrleitungsbaung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Modellbildung und Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation und Versuch) Plart construction (Anlagenbau) Therma dynamics (Thermische Trennverfahren) Thermal separation methods (Thermische Trennverfahren) Basic Engineering Mechanical separation methods (Mechanische Trennverfahren) Laboratory on mechanical separation methods (Labor zu Mechanische Trennverfahren) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Foundations of water technologies (Grundlagen der Wassertechnologien) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Foundations of water rechnologies (Grundlagen der Wassertechnologien) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Water Technology (Wasserversorgung) Laboratory on water supply (Labor zu Wasserversorgung) Energy Conversion and Efficienz 2) Energy Efficiency 2 (Labor zu Wasserversorgung) Energy Conversion and Efficienz 2) Energy Efficiency 2 (Labor zu Lenergieeffizienz 2) Construction of mechanical-procedural plants (Auslegung mechanisch- verfahren) Laboratory on construction MVT plants (Labor zu Lenergieeffizienz 2) Energy Conversion and Efficienz 2) Energy Efficiency English (Sprachlabor Englisch) Language Laboratory English (Sprachlabor Englisch) Language Laboratory English (Sprachlabor Englisch) English (Englisch) Language Laboratory English (Sprachlabor Engli	2 2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer summer winter summer summer summer Technology (PT Winter/Summer winter winter winter	2,5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in order to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Mechanical separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Mechanical separation methods and Laboratory on mechanical separation methods and Laboratory on mechanical separation methods and Construction of environmental plants in order to earn the credits for the whole module "Mechanical separation methods". You have to pass both Mechanical separation methods and Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Water supply and Laboratory on water suppl' in order to earn the credits for the whole module "Nater technology". You have to pass both Construction MVT plants and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Construction of mechanical-procedural plants". Information It is possible to split up the number of ECTS to 2,5 if you are only staying one semester.
31310 Module: 41100 Module: 51000 Module: 51100 S1310 Module: 51200 S1310 Module: 51400 Module: 51500 Module: 51500 Module: 51700 Module: 61300 Module: 61400 Code	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Laboratory on energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Janning and engineering (Rohrleitungsplanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Seminar Modellbildung, Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Thermal separation methods (Internische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Foundations of water technologies (Grundlagen der Wassertechnologien) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Foundations of water technologies (Grundlagen der Wassertechnologien) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Fuergy Conversion and Efficiency 2 (Energieumwandlung und -effizienz 2) Energy Conversion and Efficiency 2 (Labor zu Masserversorgung) Laboratory on energy efficiency 2 (Labor zu Masserversorgung) Laboratory on construction MVT plants (Labor zu Auslegung MVT Anlagen) Mater supply (Wasserversorgung) Laboratory on construction MVT plants (Labor zu Auslegung MVT Anlagen) Laboratory on construction MVT plants (Labor zu Auslegung MVT Anlagen) Laboratory on construction MVT plants (Labor zu Auslegung MVT Anlagen) Laboratory on construction MVT plants (Labor zu Auslegung MVT Anlagen) Laboratory e	2 2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer summer winter summer su	2,5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in order to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Mechanical separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Mechanical separation methods and Laboratory on mechanical separation methods and Laboratory on mechanical separation methods and Construction of environmental plants in order to earn the credits for the whole module "Mechanical separation methods". You have to pass both Muster supply and Laboratory on water suppl' in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Water supply and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Construction MVT plants and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Construction MVT plants in order to earn the credits for the whole module "Construction of mechanical-procedural plants". Information It is possible to split up the number of ECTS to 2,5 if you are only staying one semester.
31310 Module: 41100 Module: 51000 Module: 51100 S1310 Module: 51200 S1310 Module: 51400 Module: 51500 Module: 51500 Module: 51700 Module: 61300 Module: 61400 Code	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline planning, and engineering (Rohrleitungsbaung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Modellbildung und Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation und Versuch) Plart construction (Anlagenbau) Therma dynamics (Thermische Trennverfahren) Thermal separation methods (Thermische Trennverfahren) Basic Engineering Mechanical separation methods (Mechanische Trennverfahren) Laboratory on mechanical separation methods (Labor zu Mechanische Trennverfahren) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Foundations of water technologies (Grundlagen der Wassertechnologien) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Foundations of water rechnologies (Grundlagen der Wassertechnologien) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Water Technology (Wasserversorgung) Laboratory on water supply (Labor zu Wasserversorgung) Energy Conversion and Efficienz 2) Energy Efficiency 2 (Labor zu Wasserversorgung) Energy Conversion and Efficienz 2) Energy Efficiency 2 (Labor zu Lenergieeffizienz 2) Construction of mechanical-procedural plants (Auslegung mechanisch- verfahren) Laboratory on construction MVT plants (Labor zu Lenergieeffizienz 2) Energy Conversion and Efficienz 2) Energy Efficiency English (Sprachlabor Englisch) Language Laboratory English (Sprachlabor Englisch) Language Laboratory English (Sprachlabor Englisch) English (Englisch) Language Laboratory English (Sprachlabor Engli	2 2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer summer winter summer summer summer Technology (PT Winter/Summer winter winter winter	2,5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in order to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole module "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Mechanical separation methods and Laboratory on mechanical separation methods and Laboratory on mechanical separation methods in order to earn the credits for the whole module "Mechanical separation methods". You have to pass both Foundations of water technologies and Construction of environmental plants in credits for the whole module "Construction of environmental plants". You have to pass both Rengy efficiency 2 and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Energy Conversion and Efficiency 2". You have to pass both Construction MVT plants and Laboratory on enstruction MVT plants in order to earn the credits for the whole module "Construction of mechanical-procedural plants". Information It is possible to split up the number of ECTS to 2,5 if you are only staying one semester.
31310 Module: 41100 Module: 51000 Module: 51200 S1310 Module: 51200 Module: 51400 Module: 51500 Module: 51600 Module: 51700 Module: 61300 Module: 61400 Code 11700	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Jenning and engineering (Rohrleitungsblanung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Modellbildung und Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Thermal separation methods (Intermische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Laboratory on mechanical separation methods (Labor zu Mechanische Trennverfahren) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Water Technology (Wassertechnologie) Water Technology (Wassertechnologie) Energy Conversion and Efficiency 2 (Labor zu Masserversorgung) Laboratory on energy efficiency 2 (Labor zu Inergieeffizienz 2) Energy Efficiency 2 (Lenergieeffizienz 2) Construction of mechanical-procedural plants (Auslegung mechanisch-verfahrenste Construction of mechanical-procedural plants (Auslegung mechanisch-verfahrenste) Energy Efficiency 2 (Energieeffizienz 2) Energy Eff	2 2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer summer winter summer summer Summer Summer Technology (PIT Winter/Summer winter winter summer summer winter winter summer winter winter winter summer winter winter summer winter winter summer winter winter summer winter winter summer winter winter summer winter winter winter summer winter winter summer winter winter summer winter winter summer winter winter summer winter winter summer winter winter summer winter winter summer summer winter winter summer summer summer summer winter winter summer summer summer winter winter summer summer winter winter winter summer summer summer summer winter winter winter summe	2,5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in order to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole module "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modelling Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Modelling and simulation". You have to pass both Thermal separation methods and Basic Engineering in order to earn the credits for the whole module "Thermal separation methods". You have to pass both Foundations of water technologies and Laboratory on mechanical separation methods in order to earn the credits for the whole module "Mechanical separation methods". You have to pass both Foundations of water technologies and Construction of environmental plants in credits for the whole module "Construction of environmental plants". You have to pass both Construction of environmental plants". You have to pass both Construction MVT plants and Laboratory on energy efficiency 2 in order to earn the credits for the whole module "Energ Conversion and Efficiency 2". You have to pass both Construction MVT plants and Laboratory on staying one semester. Information It is possible to split up the number of ECTS to 2,5 if you are only staying one semester.
31310 Module: 41100 Module: 51000 Module: 51100 S1310 Module: 51200 Module: 51400 Module: 51500 Module: 51500 Module: 51600 Module: 51700 Module: 61300 Module: 61400 Code	Technical English 1 (Technisches Englisch 1) Technical English 2 (Technisches Englisch 2) Heat exchange (Wärmeaustausch) Thermo and fluid dynamics 2 (Thermo- und Fluiddynamik 2) Mass exchange (Stoffaustausch) Multi-phase flow (Mehrphasenströmung) Energy Conversion and Efficiency (Energieumwandlung und -effizienz) Thermo dynamics of energy conversion Pipeline Engineering, Force and Work Machines (Rohrleitungsbau, Kraft- und Arbei Pipeline Jenning and engineering (Rohrleitungsbaung und -bau) Force and work machines (Kraft- und Arbeitsmaschinen) Modelling, simulation (Modellbildung und Simulation) Seminar modelling, simulation (Seminar Modellbildung, Simulation und Versuch) Plant construction (Anlagenbau) Thermal separation methods (Thermische Trennverfahren) Thermal separation methods (Intermische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Mechanical separation methods (Mechanische Trennverfahren) Laboratory on mechanical separation methods (Labor zu Mechanische Trennverfahren) Construction of environmental plants (Auslegung von umwelttechnischen Anlagen) Water Technology (Wassertechnologie) Water Technology (Wassertechnologie) Water Technology (Wassertechnologie) Energy Conversion and Efficiency 2 (Energieuffizienz 2) Energy Efficiency 2 (Energieuffizienz 2) Laboratory on energy efficiency 2 (Labor zu Masserversorgung) Laboratory on energy efficiency 2 (Labor zu Lengieeffizienz 2) Energy Efficiency 2 (Energieuffizienz	2 2 2 2 2 2 smaschinen) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 3 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	summer winter summer summer winter summer su	2,5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	staying one semester. You have to pass both Mass exchange and Multi-phase flow in ordic to earn the credits for the whole module "Thermo and fluid dynamics 2". You have to pass both Thermo dynamics of energy conversion and Laboratory on energy conversion in order to earn the credits for the whole module "Energy Conversion and Efficiency". you have to pass both Pipeline planning and engineering and force and work machines in order to earn the credits for the whole modul "Pipeline Engineering, force and work machines". You have to pass both Seminar Modelling, Simulation and Modellin Simulation and experiment in order to earn the credits for the whole module "Modelling and simulation". You have to pass bothThermal separation methods and Basic Engineering in order to earn the credits for the whole module "Hermal separation methods". You have to pass bothThermal separation methods and Laboratory on mechanical separation methods in order to earn the credits for the whole module "Mechanical separation methods". You have to pass both Mechanical separation methods. You have to pass both Foundations of water technologies and Construction of environmental plants in order to earn the credits for the whole module "Construction of environmental plants". You have to pass both Water supply and Laboratory on energe efficiency 2 in order to earn the credits for the whole module "Water technology". You have to pass both Mater supply and Laboratory on energe efficiency 2 in order to earn the credits for the whole module "Ener Conversion and Efficiency 2. You have to pass both Struction MVT plants and Laboratory on energe efficiency 2 in order to earn the credits for the whole module "Ener Conversion and Efficiency 2. Information It is possible to split up the number of ECTS to 2,5 if you are only staying one semester.

	Transport/ Logistik - Transport/ Logistics (TWL)						
Code	Code Course Semester hour Semester Winter / Summer ECTS/Credits Information						
Module: 11600	English for Logisticians I		It is possible to split up the number of ECTS to 2.5 if you are only				

11610	English for Logisticians 1	2	1	winter	5	staying one semester.
11620	English for Logisticians 2	2	2	summer		staying one semester.
Module: 21300	Informatics II (Informatik II)			•		The course Algorithms, data structures, programming might partially
21310	Algorithms, data structures, programming (Algorithmen, Datenstrukturen, Programmierung)	2	2	summer	5	be taught in German. You have to pass Algorithms, data structures, programming,
21320	Database I	1	2	summer]	Database I and Database I Lab in order to earn the credits for the whole course "Informatics II".
21320	Database I Lab	1	2	summer		
Module: 31000	English for Logisticians II					It is possible to split up the number of ECTS to 2,5 if you are only
31010	English for Logisticians 3	2	3	winter	5	staying one semester.
31020	English for Logisticians 4	2	4	summer		staying one semester.
31430	Database II	1	3	winter	2	You have to pass Database II and Database II Lab in order to earn the
31430	Database II Lab	1	3	winter	3	credits for the whole sub-courses with code "31420".
51101	Packaging methods, machines and lines	2	5	winter	2	

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	Digitalisierung, Innovation und Informationsmanagement - Digitalisation, Innovation and Information Management (DIIM)									
Code	Code Course Semester hour Semester Winter/Summer ECTS/Credits Information									
Module: 11500	Module: 11500 Technical Englisch (Fachenglisch) 2 1 summer 3									

		Embedded Syster	ns Design	(ESD)		
Code	Course	Semester hour	Semester	Winter / Summer	ECTS/Credits	Information
	Mechatronics	4	1	summer		You have to pass both "Lecture" and "Laboratory" in order to earn the credits for the whole module "Mechatronics".
ESD 11000	Lecture (Vorlesung)	3	1	summer	5	
	Laboratory (Labor)	1	1	summer		
	Discrete Control Systems	4	1	summer		You have to pass both "Lecture" and "Laboratory" in order to earn
ESD 11100	Lecture (Vorlesung)	3	1	summer	5	the credits for the whole module "Discrete Control Systems".
	Laboratory (Labor)	1	1	summer		the creates for the whole module Discrete control systems .
	Model-Based-SW-Development/ Real-Time-Software	4	1	summer		You have to pass both "Lecture" and "Laboratory" in order to earn
ESD 11200	Lecture (Vorlesung)	2	1	summer	5	the credits for the whole module "Model-based-SW-Development/
	Laboratory (Labor)	2	1	summer		Real-Time-Software".
	Digital Systems/VHDL	4	1	summer		You have to pass both "Lecture" and "Laboratory" in order to earn
ESD 11300	Lecture (Vorlesung)	2	1	summer	5	the credits for the whole module "Digital Systems/ VHDL".
	Laboratory (Labor)	2	1	summer		the creates for the whole module Digital systems/ whole .
	System-on-Chip Design	4	1	summer		You have to pass both "Lecture" and "Laboratory" in order to earn
ESD 11400	Lecture (Vorlesung)	2	1	summer	5	You have to pass both "Lecture" and "Laboratory" in order to earn the credits for the whole module "System-on-Chip Design".
	Laboratory (Labor)	2	1	summer		
	Safety and Reliability	3	1	summer		You have to pass both "Lecture" and "Laboratory" in order to earn the credits for the whole module "Safety and Reliability".
ESD 11500	Lecture (Vorlesung)	2	1	summer	4	
	Laboratory (Labor)	1	1	summer		
	Industrial Systems	4	2	winter		You have to pass both "Lecture" and "Laboratory" in order to earn
ESD 21000	Lecture (Vorlesung)	2	2	winter	5	the credits for the whole module "Industrial Systems".
	Laboratory (Labor)	2	2	winter		the credits for the whole module industrial systems .
	Maritime Systems	4	2	winter		You have to pass both "Lecture" and "Laboratory" in order to earn
ESD 21100	Lecture (Vorlesung)	2	2	winter	5	the credits for the whole module "Maritime Systems".
	Laboratory (Labor)	2	2	winter		the credits for the whole module manufile systems .
	Medical Systems	4	2	winter		You have to pass both "Lecture" and "Laboratory" in order to earn
ESD 21200	Lecture (Vorlesung)	2	2	winter	5	the credits for the whole module "Medical Systems".
	Laboratory (Labor)	2	2	winter		the credits for the whole module iniedical systems .
	Requirements Engineering	3	2	winter		You have to pass both "Lecture" and "Seminar" in order to earn the
ESD 21300	Lecture (Vorlesung)	1	2	winter	3	credits for the whole module "Requirements Engineering".
	Seminar	2	2	winter		creats for the whole module requirements Engineering .
	Embedded Systems Project	7	2	winter		You have to pass both "Laboratory" and "Colloquium" in order to
ESD 21400	Laboratory (Labor)	4	2	winter	13	earn the credits for the whole module "Embedded Systems Project".
	Colloquium (Kolloquium)	3	2	winter		earn the creats for the whole module Embedded Systems Project .

Integrated Safety and Security Management (ISSM)							
Code	Course	Semester hour	Semester	Winter/Summer	ECTS/ Credits	Information	
11230	Threat structures, national and international security policy	2	1	winter	3		
21020	Vulnerabilities of information technological processes and plants	4	2		c		
21030	(Verwundbarkeiten informationstechnischer Prozesse und Anlagen)	4	2	winter	0		
41210	Data Mining	2	1	summer	3		

	Lebensmitteltechnologie - Food Technology (LT)								
Code	Course	Semester hour	Semester	Winter/Summer	ECTS/Credits	Information			
	IPR and Contract Management	4	1	summer		You have to pass both "Intellectual Property Rights" and "Contracts			
LT 11500	Intellectual Property Rights	2	1	summer	5	and Contract Management" in order to earn the credits for the			
	Contracts and Contract Management	2	1	summer		whole module "IPR and Contract Management".			
LT 21000	Leadership	4	2	winter	5				
	Ethics and Food Authenticity	4	2	winter		You have to pass both "Ethics in Food and Economics" and "Food			
LT 21100	Ethics in Food and Economics	2	2	winter	5	Authenticity" in order to earn the credits for the whole module			
	Food Authenticity	2	2	winter		"Ethics and Food Authenticity".			

	Logistics Engineering and Management (LEM)								
Code	Course	Semester hour	Semester	Winter / Summer	ECTS/Credits	Information			
11100	International Modal Transport Systems	2	1	winter	3				
11210	Transport Economics	2	1	winter	3				
Module: 11300	Information Technologies					You have to pass Information Technologies, Information			
11310	Information Technologies	2	1	winter	6	Technologies SL and Information Logistics in order to earn the			
11320	Information Technologies SL		1	winter	0	credits for the whole module "Information Technologies".			
11330	Information Logistics	2	1	winter		creats for the whole module information recimologies .			
Module: 21000	Packaging Management and Reverse Logistics					You have to pass Packaging Management, Packaging Management Laboratory and Reverse Logistics in order to earn the credits for the whole module "Packaging Management".			
21010	Packaging Management	1	2	summer	6				
21020	Packaging Management Laboratory (Packaging Management Labor)	1	2	summer	0				
21030	Reverse Logistics	2	3	winter		whole module Tackaging wanagement .			
Module: 21200	Technical Risks of dangerous substances (Technische Risiken gefährlicher Stoffe)					The course might partially be taught in German. You have to pass Risk Assessment, Loss Prevention and Risk			
	Risk Assessment, Loss Prevention	1	2	summer	3	Assessment, Loss Prevention Laboratory in order to earn the credits			
21210	Risk Assessment, Loss Prevention Laboratory (Risk Assessment, Loss Prevention Labor)	1	2	summer		for the whole module "Technical Risks of dangerous substances".			
21310	English for Logisticians	2	2	summer	2,5				
Module: 21500	Planning assistance II (Planungsunterstützung II)					You have to nass Simulation and Ontimization of Onerational			

21510	Simulation and Optimization of Operational Procedures	2	2	summer	3	Procedures and Simulation and Optimization of Operational Procedures SL in order to earn the credits for the whole module
21520	Simulation and Optimization of Operational Procedures SL					"Planning Assistance II".
31040	Quality Management, TQM (Qualitätsmanagement, TQM)	2	3	winter	3	
31120	Problems in international transport law	2	3	winter	2	The course might partially be taught in German.
31220	Global Operations Management	2	3	winter	2,5	

Code	Process Engi Course	neering and E	nergy Tec	hnology (PEET)						
		Semester hour	Semester		ECTS/Credits	Information				
	Fundamentals of Simulation	4	1	summer		You have to pass "Numerical Mathematics", "Lab: Numerical Mathematics", and "Lab: Simulation of Process Control" in order to earn the credits for the whole module "Fundamentals of Simulation".				
1	Numerical Mathematics	1	1	summer						
PEET 11000	Lab: Numerical Mathematics	1	1	summer						
L	Lab: Simulation of Process Control	2	1	summer						
P	Provision of Material Properties	4	1	summer	5	You have to pass both "Calculation of Material Properties" and "Research Essay: Measurement of Material Properties" in order to earn the credits for the whole module "Provision of Material				
PEET 11100	Calculation of Material Properties	2	1	summer						
F	Research Essay: Measurement of Material Properties	2	1	summer						
PEET 11200 A	Advanced Energy Conversion	4	1	summer	5					
S	Solar and Wind Energy	4	1	summer	5	You have to pass both "Fundamentals of Solar Energy Use" and "Wind Energy Techniques" in order to earn the credits for the whole module "Solar and Wind Energy".				
PEET 11300 F	Fundamentals of Solar Energy Use	2	1	summer						
V	Wind Energy Techniques	2	1	summer						
E	Energy from Biomass	4	1	summer	5	You have to pass both "Lecture: Energy from Biomass" and "Lab" in order to earn the credits for the whole module "Energy from Biomass".				
PEET 11400	Lecture: Energy from Biomass	2	1	summer						
L	Lab	2	1	summer						
S	Simulation of Process Plants	3	2	summer	5	You have to pass both "Lecture" and "Lab" in order to earn the credits for the whole module "Simulation of Process Plants".				
PEET 11500	Lecture	1	2	summer						
L	Lab	2	2	summer						
S	Students in Science	3	2	winter	5	You have to pass both "Research Seminar" and "Master-Leadership" in order to earn the credits for the whole module "Students ins Science".				
PEET 21000 F	Research Seminar	2	2	winter						
4	Master-Leadership	1	2	winter						
F	Electrochemical Processes	4	2	winter	5	You have to pass both "Lecture" and "Lab" in order to earn the credits for the whole module "Electrochemical Processes".				
PEET 21100	Lecture	2	2	winter						
L	Lab	2	2	winter						
S	Science Topics	4	2	winter	5	You have to pass both "Nanotechnology" and "Lab: Nanotechnology" in order to earn the credits for the whole module "Science Topics".				
	Nanotechnology	2	2	winter						
	Lab: Nanotechnology	2	2	winter						
	Environmental Protection Technologies	4	2	winter	5	You have to pass both "Domestic and Industrial Environmental Protection Technologies" and "Sea Water Desalination" in order to earn the credits for the whole module "Environmental Protection Technologies".				
PEET 21300	Domestic and Industrial Environmental Protection Technologies	2	2	winter						
S	Sea Water Desalination	2	2	winter						
	Chemical Process Engineering	4	2	winter	5	You have to pass both "Chemical Reactions and Gasification" and				
PEET 21400	Chemical Reactions and Gasification	2	2	winter		"Lab: Modelling of Gasification Reactions" in order to earn the credits				
L	Lab: Modelling of Gasification Reactions	2	2	winter		for the whole module "Chemical Process Engineering".				
т	Thermal Unit Operations	4	2	winter	5	You have to pass both "Advanced Thermal Processes" and "Lab:				
PEET 11600 A	Advanced Thermal Processes	2	2	summer		Advanced Thermal Processes" in order to earn the credits for the				
L	Lab: Advanced Thermal Processes	2	2	winter		whole module "Thermal Unit Operations".				
					1					
Windenergietechnik - Wind Energy Technology (WET)										
Code	Course	Semester hour	Semester	Winter / Summer	ECTS/Credits	Information				
WET 11010 V	Wind Energy Techniques	2	1	summer	2					