

ANNOUNCEMENT OF THE PERFORMANCE REQUIREMENTS IN SoSe 2024**FOR THE HYDROGEN TECHNOLOGY COURSE OF STUDY CB – SPO / STUDY AND EXAMINATION REGULATION OF MARCH 06, 2023**

Status: 15.03.2024

Valid for students who started their studies in winter semester 2022/23 or later

Course will take place in SoSe 2024

List of abbreviations:

MA	Masterarbeit / <i>Master's Thesis</i>	PStA	Projektstudienarbeit / <i>Course Work</i>	Remark:	
S	Seminar / <i>Seminar</i>	mE	mit Erfolg abgelegt / <i>Pass</i>		
schrP	Schriftliche Prüfung / <i>Written Examination</i>	TN	Teilnahemnachweis / <i>Participation Certificate</i>	Red font	exam is in the exam period
mdIP	Mündliche Prüfung / <i>Oral Examination</i>	Pr	Praktikum / <i>Lab Course</i>	Green font	exam takes place in the lecture period
elP	Elektronische Prüfung / <i>Electrical Examination</i>	PA	Projektarbeit / <i>Project Work</i>		
ZV	Zulassungsvoraussetzungen / <i>Admission Requirements</i>	Ü	Übung / <i>Exercise</i>		

*Notebooks, laptops, other programmable computers and mobile phones are generally not permitted in the exams!

Study group	Module number	Performance record	Number and type of performance record	Weighting of grades	Admission requirements for module number	Examiner	Second examiner	Deadline for PStA	Duration of the Examination in minutes/weeks	Admissible examination aids
Modules Semester 1										
HYT (summer term)	HTS Specialization and Application & Competence Oriented Elective Courses (40 ECTS)									
	Application & Competence-oriented module group (≥ 10 ECTS)									
	HTS 08	Techno-Economic Analysis and Simulation (5 ECTS)	PStA	1,0	---	VoJo	PrPa	25.06.2024	13 weeks	all
		Techno-Economic Analysis and Simulation (ZV)	PrmE (100% TN)	---	HTS 08	VoJo	PrPa	---	---	all
	Specialization module group (≥ 10 ECTS)									
	HTS 04	Advanced Thermodynamics for Hydrogen Applications (5 ECTS)	schrP	1,0	---	VoJo	PrPa	---	90	non-programmable calculator, 2 pages of a self-written formula collection
		Advanced Thermodynamics for Hydrogen Applications (ZV)	PrmE (100% TN, Certificate for Lab Course)	---	HTS 04	VoJo	PrPa	---	---	all
	HTS 05	Sources and Generation of Hydrogen (5 ECTS)	schrP	1,0	---	PrPa	VoJo	---	90	non-programmable calculator
HTS 07	Electrochemical Process Engineering (5 ECTS)	PStA	1,0	---	PrPa	PeDo	25.06.2024	13 weeks	all	

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Modules Semester 2											
HTF 01 Fundamentals of Hydrogen and Safety (5 ECTS)											
HYT (winter term)	HTF 01	Fundamentals of Hydrogen and Safety (5 ECTS)	schrP	1,0	---	PrPa / ArWo	VoJo	---	90	non-programmable calculator	
		Fundamentals of Hydrogen and Safety (ZV)	PrmE (100% TN)	---	HTF 01	PrPa / ArWo	VoJo	---	---	all	
	HTF 02	Scientific Methods and Writing (VHB-course) (5 ECTS)	The examinations take place in accordance with the rules and deadlines of the Virtuelle Hochschule Bayern (vhb). Examination registration is carried out according to the specifications of the vhb catalog of Rosenheim University of Applied Sciences for the current semester.								
	HTS Specialization and Application & Competence Oriented Elective Courses (40 ECTS)										
	Application & Competence-oriented module group (≥ 10 ECTS)										
	HTS 01	Chemical H2 Conversion: Application and Industrial Processes (5 ECTS)	PStA	1,0	---	VoJo	KIaG/PrPa	25.06.2024	13 weeks	all	
	HTS 02	Homogeneous Catalysis (5 ECTS)	mdlP	1,0	---	PeDo	KaMr	---	30	none	
		Pr Homogeneous Catalysis (ZV)	PrmE (100% TN, Certificate for Lab Course)	---	HTS 02	PeDo	KaMr	---	---	all	
	HTS 03	Energy Politics and Laws (5 ECTS)	The examinations take place in accordance with the rules and deadlines of the Virtuelle Hochschule Bayern (vhb). Examination registration is carried out according to the specifications of the vhb catalog of Rosenheim University of Applied Sciences for the current semester.								
	HTS 10	Introduction to the Economics of Hydrogen Markets (5 ECTS)	schrP	1,0	---	LuJa	VoJo	---	90	non-programmable calculator	
Specialization module group (≥ 10 ECTS)											
HTS 06	Hydrogen Storage, Transportation and Distribution Systems (5 ECTS)	schrP	1,0	---	PrPa	VoJo	---	90	non-programmable calculator		

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HTS 09	Energy Technologies (5 ECTS)	schrP	1,0	---	PrPa	VoJo	---	90	non-programmable calculator
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Study group	Module number	Performance record	Number and type of performance record	Weighting of grades	Admission requirements for module number	Examiner	Second examiner	Deadline for PStA	Duration of the Examination in minutes	Admissible examination aids
HTM 01 Project Thesis including Project Seminar (10 ECTS)										
HYT	HTM 01	Project Thesis including Project Seminar (10 ECTS)	PStA	1,0	---	BuAr, EdAn, KIAG, LiJo, LiMa, PeDo, VoJo, PrPa	BuAr, EdAn, KIAG, LiJo, LiMa, PeDo, VoJo, PrPa	Individual deadline, depending on the date of exam registration ¹	---	all
		Project Thesis including Project Seminar (ZV)	S	---	HTM 01	BuAr, EdAn, KIAG, LiJo, LiMa, PeDo, VoJo, PrPa	BuAr, EdAn, KIAG, LiJo, LiMa, PeDo, VoJo, PrPa	---	10	all

¹ Exam registration must be done via a written form. The form must be submitted in the examination office of Campus Burghausen.