Study and Examination Plan for the Bachelor's Program Sustainable Industrial Operations and Business for the Winter Semester 2026/27

(The study and examinaton plan applies only to the semester specified in the heading)

Module number	Module designation according to study and examamination regulations	Language		Total semester hours per week						Cred.	Semester	Additional credits/points	Exam		Person responsible for the module
		GE	EN	LE	EX	IN	PW	LC	Total				Type	Duration/Scope	
1. Semester (SIOB26/27)															
SIOB100	Mathematics for Engineers I		x	4	2				6	7	WiSe		wEx	90 min.	Prof. Dr. Michael Bethke (Exercise: Dr. Christin David)
SIOB101	Statistics for Engineers		x	1	1				2	2	WiSe		wEx	60 min.	Prof. Dr. Robert Baumhof
SIOB110	Principles of Electrical Engineering		x	2	2				4	5	WiSe		wEx	90 min.	Dr. Christin David
SIOB120	Fundamentals of Computer Science		x	3	1				4	5	WiSe		pracEx.ts	5 x 30 min.	Dr. Christin David
SIOB130	Principles of Business Administration and Economics		x	6					6	7	WiSe		wEx	90 min.	Prof. Dr. Christof Westerhoven
SIOBF10	German I (Foreign Language)	x						4	4	4	WiSe		wEx	90 min.	GKM
Sum 1. Semester:				**16**	**6**	**0**	**0**	**4**	**26**	**30**					
3. Semester (SIOB26/27)															
SIOB210	Fundamentals of Operations and Supply Chains		x	4	2				6	7	WiSe		wEx	90 min.	Prof. Dr. Martin Prasch
SIOB220	Marketing and Sales		x	4					4	5	WiSe		wEx	90 min.	Prof. Dr. Christof Westerhoven
SIOB240	Engineering and Design		x	3	1				4	5	WiSe		pracEx.ts.	3 x 45 min.	Prof. Dr. Robert Baumhof
SIOB260	Renewable Energy		x	4					4	5	WiSe		wEx	90 min.	Prof. Dr. Robert Baumhof
SIOB280	Traditional and Agile Project Management		x	3	1				4	5	WiSe		wAS	10-15 pages	Corinna Huber
SIOBF30	German III (Foreign Language)	x						4	4	4	WiSe		wEx	90 min.	GKM
Sum 3. Semester:				**18**	**4**	**0**	**0**	**4**	**26**	**31**					
5. Semester (SIOB26/27)															
SIOB310	Seminar Research Studies		x	2					2	3	WiSe		wAs	12-15 pages	Prof. Dr. Michael Bethke
SIOB300	Internship Seminar		x	2					2	2	WiSe		PR.ts.	20-45 min.	Prof. Dr. Robert Baumhof
SIOB290	Internship		x						0	24	WiSe		Employer's reference in German or English		Prof. Dr. Robert Baumhof
Sum 5. Semester:				**4**	**0**	**0**	**0**	**0**	**4**	**29**					
7. Semester (SIOB26/27)															
SIOB370	International Business and Cross-Cultural Communication		x	4					4	5	WiSe		PR.ts. wAs	15 min. 15 pages	Prof. Dr. Martin Prasch (Prof. Dr. Michael Bethke)
SIOB380	Mobility Innovations		x	4					4	5	WiSe		wEx	90 min.	Prof. Dr. Michael Bethke
SIOB400	Seminar on Sustainable Development		x	2					2	4	WiSe		PR.ts. wAs	45 min. 1-4 pages	Prof. Dr. Robert Baumhof
SIOB410	Bachelor's Thesis		x						0	12	WiSe				
Sum 7. Semester:				**10**	**0**	**0**	**0**	**0**	**10**	**26**					

Key:
GE = German
EN = Englisch
LE = Lecture
SoSe = Summer semester
WiSe = Winter semester
EX = Exercise
IN = Internship
PW = Project work
Pres = Presentation
Cred. = ECTS Point
LC = Language course consisting of content delivery by the instructor, interactive seminar-style teaching, discussions, pair and group work, language exercises, individual and group presentations, writing tasks / written assignments, and blended learning scenarios.
c.ass.f.g. = Continuous assessment contributing final grade
SP = Study paper
wAs= written assignment
wEx = written examination
oEx = oral examination
AR = Admisson requirements
PR = Presentation

The German version is binding.

Forms of assessment unter the new General Examination Regulations as of Winter Semester 23/24
wAs = Written assignment
wRe = Written report
PRe = Project report
wEx = written examination
oEx = oral examination
portAs = Portfolio assessment
d.EP = during the examination period
pracEx = practical examination
ts = throughout the semester