

## Sustainability Management and Economics (M.Sc., Master Degree Programme)

Study plan | Start in winter term

Version 01.04.2025



Note: The following overview offers a non-binding overview of the structure and composition of the modules. The legally binding criteria is available in the examination regulations.

Module code	Module title (Compulsory/Elective)	Sem.	CP	Type	hours	Course title	Assessment	Module Convenor	Comment/ Language
1. Semester (Wi)									
■ Module code	Fundamentals of Management and Economics with Statistics Refresher (P)	Wi	10	V	4	Theoretical Foundations in Management and Economics		Block, Müller-Fürstenberger	German/English
				V	2	Statistics Refresher			
				Graded coursework assessment: Written examination (45 min.) Written examination (90 min.)					
■ Module code	Sustainability Management and Strategy (P)	Wi	10	V	4	Sustainability Management and Strategy		Block	English
				TUT	2	Sustainability Management and Strategy			
				Written examination (90 min.) and portfolio examination					
■ Module code	Elective module (WP)	Wi		10 CP out of a total of 20 CP must be earned in modules from the area of <i>Electives</i> .					

2. Semester (Su)									
■ <b>Module code</b>	Sustainability Economics (P)	Su	10	V	2	Sustainability Economics		Müller- Fürstenberger	English
				Ü	2	Sustainability Economics			
				S	2	Sustainability Economics			
				Written examination (90 min.) <i>and</i> term paper					
■ <b>Module code</b>	Research Project – Part 1 (P)	Su	10	S	2	Research Project Summer Semester		Block, Müller- Fürstenberger	German/English
■ <b>Module code</b>	Compulsory Elective Module (WP)	Su	10	10 CP out of a total of 20 CP must be earned in modules from the area of <i>Compulsory Elective</i> .					
3. Semester (Wi)									
■ <b>Module code</b>	Research Project – Part 2 (P)	Wi	10	S	2	Research Project Winter Semester		Block, Müller- Fürstenberger	German/English
				Term paper					
■ <b>Module code</b>	Compulsory Elective Module (WP)	Wi		10 CP out of a total of 20 CP must be earned in modules from the area of <i>Compulsory Elective</i> .					
■ <b>Module code</b>	Elective module (WP)	Wi		10 CP out of a total of 20 CP must be earned in modules from the area of <i>Electives</i> .					
4. Semester (Su)									
■ <b>Module code</b>	Master’s Thesis	Su	30			Master’s thesis		Block, Müller- Fürstenberger	German/English
				Master’s thesis					

### Compulsory Elective Modules (20 LP to be chosen)

#### *Environmental Sustainability<sup>1</sup>*

■ <b>Module code</b>	International Environmental Economics (WP)	Su+ Wi	10	V/S/ Ü	4	International Environmental Economics		Müller- Fürstenberger	English
				Graded coursework assessment: Written examination (60 min.) term paper					
■ <b>Module code</b>	Integrated Assessment Modelling (WP)	Wi	10	V	2	Integrated Assessment Modelling		N.N.	English
				N.N.	2	Integrated Assessment Modelling			
				Term paper <i>and</i> poster presertation					
■ <b>Module code</b>	International Energy Markets (WP)	Su+ Wi	10	V	2	International Energy Markets		von Auer	English
				S	2	International Energy Markets			
				Graded coursework assessment: Written examination (60 min.) term paper					
■ <b>Module code</b>	Innovation Management and Environmental Sustainability (WP)	Su	10	V		Innovation Management and Environmental Sustainability		Block	English
				TUT		Case Studies in Innovation Management and Environmental Sustainability			
				Written examination (90 min.) <i>and</i> portfolio examination					
■ <b>Module code</b>	Environmental Systems Analysis (WP)	Wi	5	V+S	2	Environmental Systems Analysis		Schütz	English
				Ü	2	Environmental Systems Modelling			
				Written examination (120 min.)					
■ <b>Module code</b>	Atmospheric Boundary Layer (WP)	Wi	5	V	2	Atmospheric Boundary Layer		Heinemann, Drüe	English
				Ü	2	Atmospheric Boundary Layer			
				Written examination (120 min.)					

<sup>1</sup> Note: The module "Climate change and sustainable thinking" can also be taken as a compulsory elective module as part of the above-mentioned thematic focus. It originates in the free elective modules for Master's degree programs at Trier University.

■ <b>Module code</b>	Advanced Aspects of Environmental Soil Sciences (WP)	Wi	5	V	2	Environmental Soil Science		Thiele-Bruhn, Schneider	English
				Ü	2	Advanced Methods in Soil Science			
				Oral examination (30 min.)					
■ <b>Module code</b>	Nature Conservation, Restoration and Protection (WP)	Wi	5	S	2	Soil Protection Concepts		Thiele-Bruhn, Emmerling	English
				S	2	Nature Conservation			
				Term paper					
■ <b>Module code</b>	Polluted Site Remediation (WP)	Wi	5	V	2	Lecture		Wagner	English
				S	1	Seminar			
				GK	1	Field course			
				Written examination (90 min.) or portfolio examination					
■ <b>Module code</b>	Soil Use and Sustainable Management (WP)	Wi	5	V	2	Soil Use in Agriculture		Emmerling, Schüler	English
				S	1	Forest Site Assessment			
				S	1	Waste Management			
				Written examination (90 min.)					
■ <b>Module code</b>	Geological Hazards, Risk Assessment and Management (WP)	Wi	5	V	2	Lecture		Wagner	English
				S	1	Seminar			
				Ü	1	Course work			
				Written examination (90 min.) or portfolio examination					
■ <b>Module code</b>	Fluvial Hydrology (WP)	Wi	5	V+S	2	Particulate Transport in River Catchments		Schütz	English
				S	2	Water Quality Modelling			
				Oral examination (20 min.)					

*Social Sustainability and Transformation Processes<sup>2</sup>*

■ <b>Module code</b>	Incentives in Organizations and Innovation (WP)	Su	10	V	2	Incentives in Organizations		Jirjahn	English
				S	2	Incentives in Organizations			
				Graded coursework assessment: Written examination (60 min.) term paper					
■ <b>Module code</b>	Human Resource Management, Personnel Economics, and Organization – Part A (WP)	Wi	10	V/Ü	2–4	Arbeit und Organisation in der Wissensökonomie (WP)		Muehlfeld, Goerke	German/English Two Compulsory elective courses must be taken.
				V/Ü	2–4	Arbeitskontrakte (Employment Contracts) (WP)			
				V/Ü	2–4	Change and Organizational Behavior (WP)			
				V/Ü	2–4	Aktuelle Themen der Organisation, Personalwirtschaft und Personalökonomik (WP)			
				Written examination (90 min.) or portfolio examination					

<sup>2</sup> Note: The modules "Entrepreneurial Mindset and Management" and "Social Entrepreneurial Competencies" from SPIRIT can also be selected as compulsory elective modules in line with the above-mentioned thematic focuses. These are taken from the modules of the free elective area for Master's degree programs at Trier University.

■ Module code	Human Resource Management, Personnel Economics, and Organization – Part B (WP)	Su	10	S	2–4	Theory/Research in International Human Resource Management and Comparative Industrial Relations (WP1)		Muehlfeld, Goerke	English Either the two elective courses WP1 or the two elective courses WP2 or the two elective courses WP3 must be taken.
				S	2–4	Cases on International Human Resource Management and Comparative Industrial Relations"(WP1)			
				S	2–4	Topics in Personnel Economics (WP2)			
				S	2–4	Research on Personnel Economics (WP2)			
				S	2–4	Research on Organizational Behavior and Change (WP3)			
				S	2–4	Cases on Organizational Behavior and Change (WP3)			
				Graded coursework assessment Portfolio examination <i>or</i> term paper					
■ Module code	Sustainability and artificial Intelligence (WP)	Wi	10	V	2	Sustainability and artificial Intelligence		Steinmetz	English
				TUT	2	Sustainability and artificial Intelligence			
				Term paper <i>and</i> portfolio examination					
■ Module code	Business Analytics (WP)	Wi+ Su	10	V	2	Business Analytics		Steinmetz	German
				Ü	2	Business Analytics			
				Written assignment					
■ Module code	Management of software projects (WP)	Wi	5	V	2	Management of software projects		Kalenborn	German
				Ü	1	Management of software projects			
				Portfolio examination					
■ Module code	Organization (WP)	Su	10	V	2	Einführung in die Organisationssoziologie		Jungmann	German
				KOS	2	Organisation			
				Written examination (90 min.)					

*Sustainability Governance and Communication*

■ <b>Module code</b>	Political Economics (WP)	Wi	10	V	2	Political Economics		Matschke	English
				Ü	2	Political Economics			
				Written examination (90 min.)					
■ <b>Module code</b>	Introduction to Green Monetary Policy and the EMU (WP)	Su	10	V	2	Introduction to Green Monetary Policy and the EMU		Bauer	English
				S	2	Special Topics in Green Monetary Policy and the EMU			
				Graded coursework assessment: Written examination (60 min.) term paper					
■ <b>Module code</b>	Sustainability Reporting (WP)	Su	10	V	2	Sustainability Reporting I		Wolz	German (a) is offered every summer semester as well as one of the courses (b) or (c)
				Ü	2	Sustainability Reporting II			
				S	2	Sustainability Reporting III			
				Written examination (90 min.)					
■ <b>Module code</b>	Sustainable Finance (WP)	Su	10	V	N.N.	Sustainable Finance		Adam-Müller	German/English
				Ü	N.N.	Sustainable Finance			
				S	N.N.	Sustainable Finance			
				Written examination (90 min.) or N.N.					
■ <b>Module code</b>	Fundamentals of political communication (WP)	Wi	10	S	4	Fundamentals of political cummmunicaton		Jun	German
				Term paper or oral examination (20-30 min.)					

### Electives (20 CP to be chosen)

Modules totaling 20 CP must be chosen. The following can be selected as elective modules,

- (1) Modules with a total of up to 20 CP from the compulsory elective modules listed above,
- (2) Modules of up to 20 CP from the modules for the free electives for Master's degree programs of Trier University. Modules of up to 10 CP may be completed from the competence area "Interdisciplinary Competences". Otherwise, modules from all competence areas and subjects may be selected without further restriction,
- (3) Modules to the extent of up to 20 CP from the following modules:

■ Module code	National taxation (WP)	Wi	10	S	2	Besteuerung von Unternehmenszusammenschlüssen und Unternehmensumstrukturierungen		Richter	German  One of the three electives must be chosen.
				S	1–2	Steuerliche Einflüsse auf die Rechtsformwahl und Besteuerung von aperiodischen Geschäftsvorfällen (WP)			
				S	1–2	Verkehrssteuern und steuerliches Verfahrensrecht (WP)			
				S	1–2	Steuerliche Einflüsse auf funktionale Entscheidungen (WP)			
				Ü	1–2	Fallstudien			
				Written examination (90 min.) or oral examination (15-20 min.)					
■ Module code	International taxation (WP)	Su	10	S	2	Besteuerung der internationalen Unternehmensstruktur		Richter	German
				S	1–2	Praxis der internationalen Unternehmensbesteuerung			
				Ü	1–2	Fallstudien			
				Written examination (90 min.) or oral examination (15-20 min.)					
■ Module code	Finance A (WP)	Wi	10	S	2	Finance A		Adam-Müller	English
				Ü	2–4	Finance A			
				Written examination (90 min.) or written assignment					



■ Module code	Finance B (WP)	Su	10	S	2	Finance B		Adam-Müller	English
				Ü	2–4	Finance B			
				Written examination (90 min.) or written assignment					
■ Module code	Finance C (WP)	Wi	10	S	2	Finance C		Rieger	English
				Ü	2–4	Finance C			
				Written examination (90 min.) or oral examination (15-20 min.)					
■ Module code	Finance D (WP)	Su	10	S	2	Finance D		Rieger	English
				Ü	2–4	Finance D			
				Written examination (90 min.) or oral examination (15-20 min.)					
■ Module code	Accounting (WP)	Wi	10	S/V	2–4	Rechnungswesen I: Konzernrechnungslegung nach HGB & IFRS		Wolz	German
				Ü/S	2	Rechnungswesen II: Übung zu Rechnungswesen I			
				Ü/S	2	Rechnungswesen III: Besondere Anforderungen an die Rechnungslegung von KI und FDI			
				Written examination (90 min.) or oral examination (15-20 min.)					
■ Module code	Auditing (WP)	Su	10	S/V	2–4	Prüfung der Rechnungslegung		Wolz	German One of the compulsory electives must be chosen.
				S/V	2	Unternehmensbewertung und -analyse			
				Ü/S	2	Aktuelle Probleme des Berufstandes der Wirtschaftsprüfung (WP)			
				Ü/S	2	Grundlagen der risikoorientierten Jahresabschlussprüfung (WP)			
			Written examination (90 min.) or oral examination (15-20 min.)						

■ <b>Module code</b>	Retail Management and International B2C-Marketing (WP)	Wi	10	V	2	Handelsmanagement (WP)		Swoboda	German/English Two of the compulsory electives must be chosen.
				S/Ü	4	International Brand Management (WP)			
				S/Ü	2	Ausgewählte Themen im Online-Handel und Distribution (WP)			
				Written examination (90 min.) <i>or</i> written assignment					
■ <b>Module code</b>	International Strategies and Retail Marketing (WP)	Su	10	V	2	International Strategic Marketing (WP)		Swoboda	German/English Two of the compulsory electives must be chosen.
				S/Ü	3	Handelsmarketing and Supply Chain Management (WP)			
				V	2	Internationale Marktbearbeitung (WP)			
				S/Ü	2	Ausgewählte Themen im Handelsmarketing oder Vertrieb (WP)			
				Written examination (90 min.) <i>or</i> written assignment					
■ <b>Module code</b>	Business and Service Sector Marketing (WP)	Su	10	V	2–4	Business- und Dienstleistungsmarketing		Weiber	German
				Ü/S	2–4	Business- und Dienstleistungsmarketing			
				Graded coursework assessment					
				Written Examination (90 min.) <i>or</i> written assignment					
■ <b>Module code</b>	International Labor Markets (WP)	Wi	10	V	2	International Labor Markets		Jirjahn	English
				S	2	International Labor Markets			
				Graded coursework assessment: written examination (60 min.)					
				term paper					
■ <b>Module code</b>	International Trade (WP)	Su	10	V	2	International Trade		Matschke	English
				Ü	2	International Trade			
				Written examination (90 min.)					
■ <b>Module code</b>	Econometrics (WP)	Wi+ Su	10	V	2	Econometrics		Neuenkirch	English
				Ü	2	Econometrics			
				Written examination (120 min.)					
■ <b>Module code</b>	Internship (WP)	Wi+ Su	10	PRA		Internship		N.N.	German/English
				Internship report					

## List of abbreviations

### *Compulsory attendance courses*

EX	Field trip/Day Field trip	LAB	Lab/lab course	PRS	Practice-oriented seminar
GÜ	Field exercise	PRA	Internship	PRÜ	Practical course
KOS	Colloquium seminar	PRO	Project seminar	SPÜ	Language course

### *Non-compulsory attendance courses*

EL	E-Learning-Course	LK	Reading course	TUT	Tutorium
FK	Specialised Course	OS	Advanced seminar	Ü	Practical course
HS	Master's-level seminar	PRP	Preparatory course	V	Lecture
KOL	Colloquium	PS	Bachelor's-level seminar	V+Ü	Lecture with practical course
K	Course	S	Seminar		

### *Other abbreviations*

LP	Credit Points	SWS	Hours	WP	Elective module or course
P	Compulsory module	Su	Summer term		
Sem	Semester	Wi	Winter term		