



INTERNATIONAL
BUSINESS SCHOOL

Module Handbook

Summer Programme

11 July – 08 August 2025

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SUSTAINABLE TRANSFORMATION

Duration of the module	Methods and duration of examination	
4 weeks	Presentation & Group work	
ECTS-Credits	Contact hours (per week in semester)	Workload and its composition
6 (3+3)	4 (2+2)	150 (42 contact hours and 108 private study hours)
Language of instruction	Person responsible for module	Name of lecturer
English	Stephan Ley	Stephan Ley

Prerequisites	None
If necessary courses of the module	Sustainable Transformation: Basic Concepts (Theoretical background) Sustainable Transformation: Case studies (Practical implications)
Aim of module (expected learning outcomes and competencies to be acquired)	<p><u>Basic Concepts</u></p> <p>The participants</p> <ul style="list-style-type: none"> ▪ know the origin and possible lines of development regarding “Sustainable Transformation” ▪ are familiar with a range of sustainability concepts and can analyze the topic of Sustainable Transformation from different perspectives ▪ have the theoretical foundations to be able to participate in the development of proposed solutions <p><u>Case Studies</u></p> <p>The participants</p> <ul style="list-style-type: none"> ▪ apply the knowledge from the “Basic Concepts” module to practical issues ▪ individually and in groups, develop opinions and positions on concrete cases from the field of Sustainable Transformation ▪ participate in a company visit and discuss sustainability strategies
Contents of the module	<p><u>Basic Concepts</u></p> <ul style="list-style-type: none"> ▪ History of Sustainability ▪ Sustainability concepts ▪ Footprint concepts ▪ Climate Justice ▪ Economic narratives & alternatives (e.g. Post Growth economics, Donut economics)

	<ul style="list-style-type: none"> ▪ Innovation & Sustainability ▪ Circular Economy ▪ Finance & Sustainability ▪ Communication & Sustainability ▪ Sustainability toolbox (e.g. materiality analysis) ▪ Green Nudging <p><u>Case Studies</u></p> <ul style="list-style-type: none"> ▪ Regional (country) concepts of sustainability and best practises ▪ Footprint calculators (usage and comparison of results) ▪ How to create climate justice in a world of nations ▪ How to create sustainable economies in a globalized environment ▪ How to innovate sustainably ▪ How to invest sustainably ▪ How to identify and avoid greenwashing ▪ How to set up a materiality analysis ▪ How to consume sustainably ▪ Company visit
Teaching and learning methods	A variety of learning methods are utilized ranging from lectures and case studies to experiential exercises. In addition, the module may include group activities, case study analysis, revision questions/quizzes, and skill-building exercises.
Special features	Company visit
Literature	tba

FUNDAMENTALS FOR SMART CITIES

Duration of the module	Methods and duration of examination	
Spring semester	Paper & Presentation	
ECTS-Credits	Contact hours (per week in semester)	Workload and its composition
6 (3+3)	4 (2+2)	150 (42 contact hours and 108 private study hours)
Language of instruction	Person responsible for module	Name of lecturer
English	Prof. Dr. Rainer Paffrath	t.b.a.

Prerequisites	None
If necessary courses of the module	Framework and Infrastructures of Smart Cities Technologies for Smart Cities
Aim of module (expected learning outcomes and competencies to be acquired)	<p>By the end of the module students will be able to:</p> <ul style="list-style-type: none"> ▪ be familiar with objectives for designing smart cities, fields of application and various digital technologies discussed in this context ▪ describe the relationship between selected objectives, digital technologies and suitable fields of application ▪ analyse technologies in relation to smart city goals ▪ relate technologies to municipal participation strategies
Contents of the module	<p><u>Framework and Infrastructures of Smart Cities</u></p> <ul style="list-style-type: none"> ▪ Smart Cities - basic concepts including international and German examples ▪ Goals of Smart Cities ▪ Digitalization and sustainability ▪ Smart city goals and exemplary fields of application in the areas of administration, energy, environment, mobility and society ▪ Municipal decisions: Democracy and digital participation ▪ Digital infrastructures ▪ Data sovereignty ▪ Networking and durability of digital infrastructures ▪ Resources and competencies for digital infrastructures <p><u>Technologies for Smart Cities</u></p> <ul style="list-style-type: none"> ▪ Selected technologies will be presented and classified in relation to possible goals and application areas.

	<ul style="list-style-type: none"> ○ Internet of Things (and Services) ○ Big Data ○ Artificial Intelligence ○ Cybersecurity ○ Robotics ○ Block Chain ○ 3D printing ○ 5G ○ and more
Teaching and learning methods	A variety of learning methods are utilized ranging from lectures and case studies to experiential exercises. In addition, the module may include group activities, case study analysis, revision questions/quizzes, and skill-building exercises.
Special features	-
Literature	

EUROPEAN POLITICS AND ECONOMICS

Duration of the module	Methods and duration of examination	
4 weeks	60min written exam (50%) Term Paper (50%)	
ECTS-Credits	Contact hours (per week in semester)	Workload and its composition
6 (3+3)	4 (2+2)	150 (42 contact hours and 108 private study hours)
Language of instruction	Person responsible for module	Name of lecturer
English	Prof. Dr. Markus Raueiser	t.b.a.

Prerequisites	None
If necessary courses of the module	<p>EU Politics</p> <p>EU Law and Institutions</p>
Aim of module (expected learning outcomes and competencies to be acquired)	<p>The overall aim of this module is to provide students with an introduction to the institutions of the EU, the sources and key issues in EU law as well as with a profound knowledge of the EU policies.</p> <p><u>EU Politics</u></p> <p>The aims of this course are to enable students to gain a profound knowledge of EU policies and to analyse and evaluate different policies of the EU.</p> <p>By the end of the module students should be able to:</p> <ul style="list-style-type: none"> – To acquire the knowledge about the distribution of competences in the EU, depending on different issue areas. – To understand how the most important EU policies developed. – Will be able to analyse EU policies employing different criteria and to evaluate the impact of EU policy-making on business. – Will be able to discuss and critically address EU policy-making. <p><u>EU Law and Institutions</u></p> <p>The overall aim of the course is to enable students to gain a good understanding of how the European Union works, who makes decisions and how European laws and policy making interacts with our everyday life.</p>

	By the end of the course students should have developed a profound knowledge of the EU Institutions and EU law.
Contents of the module	<p><u>EU Politics</u></p> <ul style="list-style-type: none"> - Distribution of competencies in the EU - Most important issue areas: <ul style="list-style-type: none"> • Agriculture • Money and currency • Competition • Single market • Social policy • Environment • Trade issues • Enlargement - Impact on business - Problems of effectiveness and assessment of criteria <p><u>EU Law and Institutions</u></p> <ul style="list-style-type: none"> - EU Institutions <ul style="list-style-type: none"> • The European Council • The Council of Ministers • The European Commission (Focus) • The European Parliament • The European Court of Justice • The European Central Bank - EU Law <ul style="list-style-type: none"> • The four freedoms • Laws and law-making in the Community • National or supranational law? The Supremacy of EU law • Direct applicability and direct effects • EU Competition law • The jurisdiction of the European Courts
Teaching and learning methods	A variety of learning methods are utilized ranging from lectures and case studies to experiential exercises. In addition, the module may include group activities, case study analysis, revision questions/quizzes, and skill-building exercises.
Special features	-
Literature	<p><u>EU Policies</u></p> <p>MAIN LITERATURE</p> <p>Hantrais, L.: Social Policy in the EU. New York: Palgrave Macmillan (latest Edition).</p> <p>McCormick, J.: Environmental policy in the EU. New York: Palgrave Macmillan (latest Edition).</p>

Pelkmans, J.: European Integration. Methods and Economic Analysis, Harlow, New York: Financial Times Prentice Hall (latest Edition).

Wyplosz, C.; Baldwin, R.: The Economics of European Integration, Boston et al.: McGraw Hill (latest Edition).

ADDITIONAL LITERATURE

De Grauwe, P.: Economics of Monetary Union. Oxford: Oxford Univ. Press (latest Edition).

Farina, F.; Tamborini, R.: Macroeconomic policy in the European Monetary Union, London; Routledge (latest Edition).

Funck, B., & Pizzati, L.: Labor, Employment, and social policies in the EU enlargement process: Changing perspectives and policy options. Washington, D.C.: World Bank (latest Edition).

Schwalbe, U., Zimmer, D.: Law and economics in European merger control, Oxford: Oxford University Press (latest Edition).

Weidenfeld, W., & Wessels, W.: Europa von A bis Z. Taschenbuch der europäischen Integration, Institut für Europäische Politik. Bonn: bpb (latest Edition).

PERIODICALS

- Journal of European Public Policy
- European Integration Online Papers
- European Economic Review

EU Law and Institutions

MAIN LITERATURE

Craig, P., & De Burca, G.: *EU Law: Text, Cases and Materials*. Oxford: Oxford University Press (latest Edition).

Bernard, B.: *European Union Law for International Business: An Introduction* New York: Cambridge University Press (latest Edition).

Peterson, J., & Shackleton, M.: *The Institutions of the European Union*. Oxford: Oxford University Press (latest Edition).

Steiner, J., Woods, L., & Twigg-Flesner, C.: *EU Law*. Oxford: Oxford University Press (latest Edition).

PERIODICALS:

- European Law Journal
- European Business Law Review
- Journal of Common Market Studies
- Journal of European Public Policy

