

Syllabus
ESR 5062: Sustainable Development
Professor Dr. Jürgen Volkert
Summer Semester 2024

Level	Master	
Credits	5 ECTS (together with International Economics)	
Student Contact Hours	2 per week (45 minutes)	
Workload	150 hours, 60 hours within class and 90 hours for self-study (together with International Economics)	
Prerequisites	Foundations in Economics (Module)	
Time	Wednesday, 13.45 – 17.00	
Room	W.4.1.06	
Lecturer(s)	Name	Prof. Dr. Jürgen Volkert
	Office	W.4.1.01
	Virtual Office	https://app.alfaview.com/#/join/alfaview-wur/1329260b-71b0-47ec-8912-122c0da12891/319ee81b-0bf8-4afc-a8ae-5bcd8dd78717
	Office Hours	Tuesday: 17:15 – 18:45
	Phone	07231-286286
	Email	juergen.volkert@hs-pforzheim.de

Outline of the Course

1. Sustainable Development (SD) – Concepts, Governance and Corporations
2. SD as intra- & intergenerational justice: overview of economic, social & environmental aspects
3. SD as intra- & intergenerational justice: focus on social issues, policies and challenges
4. SD as intra- & intergenerational justice: focus on environmental issues, policies and challenges

Basic outline and organization

The course consists of three main elements:

- 1) **Interactive lectures with discussion:** in the first weeks of the semester, an introduction to the foundations of Sustainable Development is given. The introductory sessions follow a primarily interactive lecture-style approach. Preparation based upon suggested basic readings and continuing active class participation throughout the term is expected. The slides and additional material for each session will be uploaded to the e-learning platform.
- 2) The second element is a guest talk in our series “**Corporate Sustainability: practitioners’ experiences**”. We are looking forward to featuring our alumna Sonali Datir (SAP). Sonali will discuss a sustainability topic from an SAP perspective [date and concrete topic t. b. a.].
- 3) **Preparation, presentation and discussion of an academic paper on a current issue of Sustainable Development debates.** Based upon the knowledge acquired in the interactive lectures, students will work in teams of two on a current topic of policy debates in Sustainable Development. Thereby, each team of two students prepares, presents, and discusses an academic term paper of 20 pages (only text, excluding title page, table of contents, appendix reference list...).

Please note that within the “Sustainable Globalization I” module, every student either does a term paper in “ECO 5061 International Economics” or in “ESR 5062 Sustainable Development.”

Sustainable Development papers are written in Times New Roman, Font Size 12, 1.5 line spacing, 2.5 cm margins on the left, 3.5 cm on the right side, 2 cm at the top and at the bottom. For further issues and for preparing the paper in general the students have to follow the “Guidelines of the Business School for Academic Writing”.

For preparing the paper the students have to follow the “Guidelines of the Business School for Academic Writing”. An example of a peer-reviewed journal article as a potential template for citation will also be uploaded. The course also offers you the opportunity to learn how to use literature management software that supports you in the preparation of scientific papers. The department provides you with the software Citavi for this purpose. You can find Citavi, a short introduction and training videos here:

https://www.hs-pforzheim.de/en/hochschule/organisation/university_library/translate_to_english_ich_moechte_meine_gesammelte_literatur_verwaltenein_literaturverzeichnis_erstellen

- Assignment of topics: March 21, 2024 in Prof. Strotmann’s ECO 5061 session.
- Delivery of a draft of the outline, current list of references, examples for citation and specific main contents, underlying scientific literature and line of reasoning (bullet points) for each subsection: April 30, 2024. These will be checked and discussed by each team with their SD supervisor.

- Date of delivery of the term paper: June 10, 2024.
- Date of delivery for presentations: June 10, 2024.
- The presentations and discussions of the papers for our Sustainable Development Course are scheduled for June 19, 2024 and June 26, 2024. Each presentation will last 30 minutes for a team of two students with an additional discussion of ca. 30 minutes.

Literature and Course Materials

Slides – will be uploaded on Moodle prior to the sessions and have to be prepared by students

Links – if relevant, will be provided on Moodle to readings/publications on most recent developments

Exemplifying questions on every chapter – will be uploaded on Moodle and help you to prepare the oral exams

Literature (most recent editions):

Perkins, D. H.; Radelet, S., Lindauer, D. L.: Economics of Development, W.W. Norton, New York, London.
 Todaro, M. P.; Smith, S. C.: Economic Development, Addison-Wesley, Boston.

Periodicals:

The [Human Development Report](http://hdr.undp.org/en/) (http://hdr.undp.org/en/), published regularly by the United Nations Development Program, reports on human development issues throughout the world. It contains a wealth of data, including the Human Development Index. The full text of the report and all data are available online free of charge in PDF format (statistics are also available in Excel format).

The [World Development Report](http://econ.worldbank.org) and The **World Development Indicators Report** are published regularly by the World Bank (http://econ.worldbank.org). Each issue of the report addresses a specific economic development issue. The full text is available from this site free of charge in PDF format.

Course Intended Learning Outcomes and their Contribution to Program Intended Learning Outcomes / Program Goals

Program Intended Learning Outcomes		Course Intended Learning Outcomes	Assessment Methods		
After completion of the program the students will be able...		After completion of the course the students will be able...	Term Paper	Presentation	Oral Exam
			40 %	25 %	35 %
			Collective	Individual	Individual
1 Responsible Leadership in Organizational Contexts					
1.1	... to know and explain important leadership principles.	...to explain sustainability's impact on corporate leadership strategies and sustainability	x		x
1.2	... to apply leadership concepts to an organizational context or a specific case.	...to understand basics of corporate steps to address sustainability also in corporate cases	x		x
1.3	... to critically reflect on leadership concepts in a certain organizational context or in a specific case.	...to critically analyse and discuss sustainability issues from corporate perspectives		x	x
1.4	... to act responsibly from a scientific self-understanding and to act professionally.	To know, based on scientific literature, how companies do affect sustainable development and how to act taking account of resulting corporate responsibility and stakeholder expectations and responsibilities	x		x
2 Creative Problem Solving Skills in a Complex Business Environment					
2.1	... to identify & classify problems.	...to understand complex multidimensional sustainability challenges and conflicts. ...to assess these issues in informed, systematic ways.	x	x	x
2.2	... to analyze problems.	...to analyze tensions and conflicts between utilitarian cost benefit calculations and justice driven sustainable development, and identify consequences for governments & companies.	x	x	x
2.3	... to creatively solve problems.	...to know ways to mitigate sustainability problems with technological and social innovations	x		x
2.4	... to explain problems and their solutions in a comprehensive manner.	...to present and discuss different perspectives on current topics in sustainable development regarding challenges and ways to address the latter in an academically well-balanced, profound and professional manner.	x		x
3 Applied research skills					
3.1	... to know the research and analysis methods important in his/her field of study.	...to understand main causes and impacts of sustainability challenges and how they are affecting corporations and affected by them ...to understand how to analyze conflicts between economic and sustainability strategies.	x	x	
3.2	... to appropriately apply the research and analysis methods.	...to apply their acquired economic skills to the analysis of a current complex topic of sustainable development.	x	x	
3.3	... to obtain innovative results using relevant research methods.	...to derive innovative ways forward based on sustainability analyses and own strand of arguments on current topics of current and future sustainability.	x	x	
4 Innovation management and management of digital transformation					
5 Management of the challenges of global sustainability and awareness for social and corporate responsibilities					
5.1	... to have a sound basic knowledge of sustainability issues.	...to know major sustainability concepts and processes	x		x
5.2	... to identify and analyze sustainability issues and their causes.	...to identify causes and impacts of conflicts between traditional economic and sustainable strategies	x		x
5.3	... to develop sustainability strategies.	...to derive promising sustainability strategies	x		x

Assessment and Grading

Attendance in the introductory sessions and in the presentations of your fellow students is mandatory. Preparation and active participation are expected.

The Grading for the module “Sustainable Globalization I” is based upon:

- (1) the **quality of the written term paper (40% of total grade)**.
By April 30 you have to deliver a draft of the outline, current list of references, examples for citation and specific main contents, line of reasoning underlying scientific literature (bullet points) for each subsection as a basis for a **1st personal meeting** in which you explain your outline and your current status, line of reasoning and literature. 10% of the grade for the written term paper depend on the grade for the quality of this submission. Please make sure that your list of references is organized according to academic standards already. Moreover, give examples (1) how you plan to cite in your paper, (2) for the integration of figures and tables into your paper as well as (3) literature for main arguments in each subsection.
- (2) the **quality of your presentation, participation within class and the discussions after the presentations (25% of total grade)**. In this meeting you will explain the line of reasoning that you plan for your assignment. The quality of your line of reasoning in your April 30 draft will be counted as 25% of your grade for the final presentation.
- (3) a joint **oral exam** for the module “Sustainable Globalization I” focusing on the contents of both lectures and of selected presentations (**35% of total grade**).

Please note that it is not possible to pass if the written term paper is graded 5.0.

Code of Conduct for online Teaching (optional)

[Link to the Code of Conduct for online Teaching](#)

Schedule

Wed, March 20 15:30–17:00	<ul style="list-style-type: none">• Introduction to Sustainable Development – a first overview
Wed, March 27	<ul style="list-style-type: none">• Sustainable Development (SD) – Concepts, Governance and Corporations
Wed, April 3	<ul style="list-style-type: none">• SD as intra- & intergenerational justice: overview of economic, social & environmental aspects
Wed, April 17	<ul style="list-style-type: none">• SD as intra- & intergenerational justice: focus on social issues, policies and challenges
Wed, April 24	<ul style="list-style-type: none">• SD as intra- & intergenerational justice: focus on social issues, policies and challenges
Fri, April 30, latest	Last date for submission of the drafts of table of contents and reference list/bibliography etc. to juergen.volkert@hs-pforzheim.de

Wed, May 8	<ul style="list-style-type: none"> • Multidimensional Development: Environmental Sustainability
t.b.a.: substitution date for March 20, 13:45 – 17:00	<ul style="list-style-type: none"> • Multidimensional Development: Environmental Sustainability
t.b.a.	<ul style="list-style-type: none"> • Date and topic of Sonali Datir's SAP corporate sustainability presentation
Mon, June 10	Delivery of the term papers – please submit a printed version and an electronic version of your SD paper to both, juergen.volkert@hs-pforzheim.de and harald.strotmann@hs-pforzheim.de
Mon, June 10	Delivery of the presentations – please submit an electronic version of your SD presentation to both, juergen.volkert@hs-pforzheim.de and harald.strotmann@hs-pforzheim.de
Wed, June 19	Presentation and discussion of term papers – part I (ESR5062)
Wed, June 26	Presentation and discussion of term papers – part II (ESR5062)
Wed / Thu, July ³/₄	Oral exams (also on International Economics)