

BW31: Economics of Innovation				Study Programme:	B
Module Type:	ECTS Credits:	Workload:	Study semester:	Module Duration:	
Optional compulsory	12	360	3. or 5.	one semester	
Courses (HPW=hours per week):			Contact hours:	Independent study:	Planned Group Size:
Course 1: Economics of Innovation – lecture (2 HPW)			30h	90h	20
Course 2: Economics of Innovation – tutorial (2 HPW)			30h	90h	20
Course 3: Economics of Innovation – seminar: theory (2 HPW)			30h	90h	10
or					
Course 4: Economics of Innovation – seminar: empirics (2 HPW)			30h	90h	10
Intended Learning Outcomes (ILOs):					
<p>Course 1: Economics of Innovation – lecture By the end of the course, students will be able to</p> <ul style="list-style-type: none"> - understand essential aspects/fundamentals of the economics of innovation; - understand and critically evaluate the relationship between market structure and corporate innovation - understand applications of theories of innovation economics for real world problems and the resulting implications for economic policy - Interpret and critically evaluate innovation indicators - Conduct basic empirical analyses using innovation indicators <p>Course 2: Economics of Innovation – tutorial</p> <ul style="list-style-type: none"> - See course 1 <p>Course 3/4: Economics of Innovation – seminar By the end of the course, students will be able to</p> <ul style="list-style-type: none"> - classify self-reliant and discuss critically relevant literature; - analyse and evaluate empirical studies in the area of innovation economics. 					
Key competencies:					
<ul style="list-style-type: none"> - Analytical skills - Critical thinking - Willingness to learn and accomplish - Expressiveness (oral and written) 					
Description/Contents:					

Course 1: Economics of Innovation

1. Introduction to the Economics of Innovation
2. R&D, Innovation and Market Structure
3. R&D Collaboration
4. Appropriability and Intellectual Property
5. Ownership Structure and Innovation
6. Mergers, Acquisitions and Innovation
7. Economic Policy and Innovation

Course 2: Economics of Innovation – tutorial

see contents of course 1.

Course 3: Economics of Innovation – seminar

see contents of course 1.

Language:

The language of the module is German.

Teaching Methods:

Lectures, group work, case studies, research paper and presentation, self-study.

Module Applicability:

B.Sc. Business Administration; B.Sc. Economics; B.Sc. Business Chemistry; B.Sc. Mathematics; B. Sc. Financial and Actuarial Mathematics..

Pre-requisites/Requirements:

Admission to study Business Administration, Economics, Business Chemistry, Mathematics or Financial and Actuarial Mathematics for a Bachelor's degree. Previous knowledge of microeconomics and econometrics is required. Successful completion of BS03/BW23 „Econometrics“ is recommended before attending this course.

Examination Types:

Comprehensive examination in the form of a written exam and/or another examination performance (essay, scientific presentation).

Requirements for Award of Credit Points:

Successful participation in the exam and presentations. The module will be passed if the grade is at least „sufficient“ (4,0).

Availability:

Courses will be offered during each winter term.

Assessment:

This course will be graded and is part of the calculation for the overall grade of your bachelor degree. Particular information concerning the calculation of the overall grade can be gathered in the respective examination regulations.

Person Responsible and Main Lecturer:

Prof. Dr. Joel Stiebale, Prof.Dr. Alexander Rasch and teaching/research assistants of the DICE.

Further Information:

Further information can be found at the website of DICE. The classes will be offered as block courses. It is possible to write a term paper (Projektarbeit) as part of the module. (BQ06, BQ07, BQV03, BQV04)

Stand: 29.07.2019