

UNIVERSITÄT
BAYREUTH

INTERNATIONAL OFFICE

General Overview of English–Taught Courses at the University of Bayreuth

Available during the Winter Semester 2024/25

An overview for the summer semester 2025 is expected to be available as of 01.04.2025



Engineering Science

Number	Course Title	Duration	Type	ECTS / Credits	Module Description
00062	Machine Learning in Materials Science	2	Le	8	
00064	Machine Learning in Materials Science	2	Tu	8	
00134	Self-Assembling Biopolymers	2	Le	5	
00135	Self-Assembling Biopolymers	2	Se	5	
00136	Biochemistry for Engineers	2	Le	4; 8	
00306	Physical Chemistry of Polymers	2	Tu	5	
00399	Fundamentals in Cell Biology	2	Le	5	
00407	Fundamentals in Cell Biology	2	Tu	5	
00439	Polymer Materials: Technology of Polymer Modification	2	Le	5	
00454	Polymer Synthesis/ Exercise	2	Tu	5	
00478	Biofabrication	2	Le	5	
00652	Fundamentals of Electrical Engineering for Electro-chemical Energy Storage Systems	2	Le	5	
00653	Fundamentals of Electrical Engineering for Electro-chemical Energy Storage Systems	2	Tu	5	
00672	Polymer Materials: Technology of Polymer Modification	2	Tu	5	
00698	Biofabrication (exercise)	2	Tu	5	
00746	Bioinspired Surfaces	2	Le	5	
00752	Bioinspired Surfaces	2	Tu	5	
00780	Quality Management/ FTE2	2	Cs	5	
00799	Biotechnology / BIT	2	Le	5	
00804	Biotechnology/WBI	2	Tu	5	
00976	Biology for Engineers (compulsory subject)	2	Le	4; 8	
00980	Optimization CAE 1	2	Le	4; 5	
01009	Introduction in Polymer Science (subject Biofab)	2	Le	3; 6	
01032	Innovation Management 1	2	Le	3; 6	Students learn the process of innovation management. Hands-on case studies help understanding the keywords in vivid examples. As a final assignment, a trend report reviews the course content.

Number	Course Title	Duration	Type	ECTS / Credits	Module Description
60009	Python and data tools for Non-Programmers	4	Le & Tu	3; 5; 6; 8	
60043	Environmental and Resource Technology	2	Le	5	
60520	Documentary seminar	2	Se	–	
60668	Fundamentals of Materials Science for Electrochemical Energy Storage Systems	4	Le	5	
60775	Fundamentals of Tissue Engineering/FTE1	2	Le	5	
61262	Fluid mechanics	2	Tu	4; 5	

Faculty of Life Sciences: Food, Nutrition and Health

Number	Course Title	Duration	Type	ECTS / Credits	Module Description
70642	Food & Society	2	Lecture	5	- Sociological Perspectives on Food and Nutrition - Food at Home and Food in Public - Food and Identity - Food and Migration - Food in the Media and Digital Food Cultures - Transforming Food Cultures Learning Objectives: This module explores the social and cultural aspects of food. The students acquire basic knowledge about social science theories of food and nutrition. Based on this knowledge, students are able to identify social structures and cultural norms that influence food habits in real life contexts. Furthermore, students are able to explain how food sociology can help to conceptualize the connections between individual food habits and wider social patterns. Finally, students are able to recognize the importance of food in the development of identities, cultures, group dynamics, symbolism, communication, and other sources of meaning in human life. Teaching methods: Lecture and accompanying seminar Recommended prior knowledge: none Recommended literature: - Guptill, A. E., Copelton, D. A. & Lucal, B. (2017). Food & Society (2nd edition). Cambridge: Polity Press. - Zhen, W. (2019). Food Studies: A Hands-On Guide. London, New York: Bloomsbury Academic. Participation criteria & registration: https://elearning.uni-bayreuth.de/course/view.php?id=42140 "Food & Society (winter semester 2024_25)" Exam registration: Response paper, Essay outline (not graded), Deadline: tba Essay (100% of final grade), Deadline: 6 March 2025, 11.00 am via elearning Miscellaneous: Please register here: https://elearning.uni-bayreuth.de/course/view.php?id=42140 Enrolment key e-Learning: FandS2024

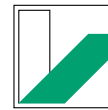
Key/Abbreviations:

Cs Course
Le Lecture

Se Seminar
Tu Tutorial

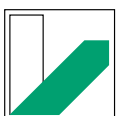
Please check availability of your chosen subject/course by contacting the respective faculty.

You can find contact details at www.uni-bayreuth.de/en/study



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