



BFH Study Offer in English

The list is an overview and subject to change. The Bern University of Applied Sciences BFH cannot guarantee that all modules listed here will be offered in the coming semesters, nor that there will be free spots available in them. Incoming exchange students must adhere to the instructions for module selection they receive from the contact person of the BFH School they have been accepted to.

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General information

Language policy

Rooted in the bilingual canton of Bern, BFH positions itself as a cross-cultural and multilingual university. The three languages of BFH – German, French and English – are actively used in campus life, although German is the dominant language in the region.

Study offer

To see the studies offered at BFH, please go to the website, where you can filter all the different degree programmes by level of study, subject area and instruction language. Each degree programme has a dedicated webpage on which you can find lots of information. Should open questions remain after that, do not hesitate to ask for more details from the listed contact persons.

<https://www.bfh.ch/en/studies/all-degree-programmes/>

Additionally, there is a university-wide, interdisciplinary programme called BFH Diagonal, in which students can choose optional modules from a broad range of diverse themes. The modules are open to exchange students as well and can be filtered similarly as the degree programmes.

<https://www.bfh.ch/en/studies/additional-certificates/bfh-diagonal/>

The module descriptions provide detailed information on the content, mode of assessment etc. for each module. Once you know the exact name or code of a module that is of interest to you, you can download the module description (unfortunately, there is filter for instruction language).

https://is-a.bfh.ch/imoniteur_OPROAD/PORTAL6S.htm?ww_n_keybuffer=945127884

Exchange students: choice of modules

It is in principle possible to combine modules from more than one degree programme and the diagonal programme. Some BFH Schools may have differing requirements as to which modules exchange students should take. Please consult your Incoming Exchange Coordinator at BFH for advice on how you should go about it.

Please bear in mind that the 8 different BFH Schools have their campuses spread out on different locations and in different cities. Sufficient time for traveling from one class to another must be planned; missing or cutting classes short due to schedule clashes is not accepted.

Have you been nominated and accepted to BFH as an exchange student?

You will receive detailed up-to-date information concerning module selection and Learning Agreement from your contact person at the BFH School, which is to host your exchange. They are also your primary point of contact in all questions that may arise before, during and after your exchange. Please follow the instructions given to you carefully.

Study offer in English in BFH Schools

1 School of Architecture, Wood and Civil Engineering

Programmes in English	MSc Wood Technology
Specialisations in English	Project work can be written in English in all three Master's degree programs (Architecture, Wood and Civil Engineering) and in the Bachelor of Arts in Architecture.
Mobility windows¹ in English	No
Modules in English	MSc Civil Engineering Bachelor of Arts in Architecture: Individual teaching modules such as studios and workshops can be completed in English. Master of Arts in Architecture: Individual teaching modules such as studios and workshops can be completed in English.
Placements in English (internships, traineeships)	No

2 School of Health Professions

Programmes in English	No
Specialisations in English	No
Mobility windows¹ in English	No
Modules in English	Technical English Advanced Level 3 (BGN5447) Born Green Generation – Delivering Toxic Free Healthcare (BGG0910)
Placements in English (internships, traineeships)	BSc & MSc Nutrition and Dietetics: traineeships in research MSc Physiotherapy: traineeships in research and in Bern Movement Lab MSc Midwifery: transfer module 1 or 2, to be discussed

3 School of Agricultural, Forest and Food Sciences

Programmes in English	MSc Life Sciences, Circular Innovation and Sustainability MSc Life Sciences, Agricultural Science MSc Life Sciences, Food, Nutrition and Health MSc Life Sciences, Forest Science, International Sustainable Forest Management MSc Life Sciences, Regional Management in Mountain Areas (some few modules in German)
Specialisations in English	BSc Agriculture, specialisation in International Agriculture (for modules in English, see below)
Mobility windows¹ in English	BSc Environmental and Resource Management, 4th semester (Spring) in English

¹ Mobility windows are specific semesters in a degree programme or shorter periods of time into which an incoming mobility can be planned.

Modules in English	BLAi404 Farming systems in developing and transition countries BLAi414 Tropical crops and innovations in agriculture - research-extension-practice and the importance of the context BLAi428 Crop production and natural resources in the global context BLAi438 Crop-Livestock Integration in the Global Context BLAi448 Income Generation and Markets in Developing and Transition Countries BLAi464 Working in Development Contexts BLAi474 Project and Policies: The Drivers of Innovation and Development BLAi454 Project Planning and Preparing Field Assignment (not suitable for guest students) BLAi484 Synthesis of Field Assignment and In-Depth Analysis of Core Topics (not suitable for guest students)
Placements in English (internships, traineeships)	Possible: depending on the projects in progress

4 Bern Academy of the Arts HKB

Programmes in English	Programmes in English/German: BA Jazz BA Sound Arts MA Contemporary Arts Practice MA Design MA Theatre
Specialisations in English	Acting for Screen & Digital Media, Design Entrepreneurship, Design Research
Mobility windows¹ in English	No
Modules in English	Due to the unique curricula across the various degree programs at HKB, we encourage you to reach out directly to the programme's secretariat. This will allow you to discuss the availability of modules in English and identify, which ones can be accommodated to meet your needs.
Placements in English (internships, traineeships)	No

5 Social Work

Programmes in English	No
Specialisations in English	No
Mobility windows¹ in English	Calendar weeks 6-7 and 21-23: different elective modules in English
Modules in English	Study trip to Bukarest and Sibiu, Romania <ul style="list-style-type: none"> • Week 6, 8 days Social work practices in diverse global contexts <ul style="list-style-type: none"> • Week 6-7, 8 days Children's Rights and Children's Voices <ul style="list-style-type: none"> • Week 21-22, 8 days

	Bottom-up Social Security Practice: NGOs, Grassroots and the Swiss Welfare State <ul style="list-style-type: none"> • Week 21-23, 6 days The End of the (Federal) Welfare State? Case Study “USA” <ul style="list-style-type: none"> • Week 21-23, 6 days Queer Spaces - A Collective Inquiry across Times and Contexts <ul style="list-style-type: none"> • Week 21-23, 6 days
Placements in English (internships, traineeships)	No

6 School of Engineering and Computer Science

Programmes in English	BSc Data Engineering (German/English or French/English) BSc Industrial Engineering and Management Science (50% English) MSc in Engineering MSc in Biomedical Engineering MSc in Precision Engineering MSc in Circular Innovation and Sustainability				
Specialisations in English	You may choose different profiles in most MSc				
Mobility windows ¹ in English	No				
Modules in English	Module	ECTS	Semester	Title	
			FT	Part-time	
	Automotive Engineering				
	BZG3407	2	1	International English 1	
	BZG3409	2	3	Technical English	
	BZG3408	2	2	International English 2	
	Electrical Engineering and Information Technology				
	BTE5013	4	3	5	Electric and magnetic fields
	BTE5017	1	1	1	Introduction to electrical engineering
	BTE5023	4	3	5	Electronic systems
	BTE5025	2	3,5	3,5,7,9	Advanced Printed Circuit Board (PCB) Layout
	BTE5027	2	3	3	Introduction to Communication Networks
	BTE5051	4	1	3	Functional software development in C
	BTE5055	1	1	1	Introduction to programming
	BTE5111	4	1	1	Fundamentals of electrical engineering
	BTE5341	4	5	7	Photovoltaics and power electronics
	BTE5351	4	5	7	Electrical power engineering
	BTE5361	4	5	7	Electric drive systems and robotics
	BTE5371	4	5	7	Communication Technologies
	BTE5381	4	5	7	Embedded Systems
	BTE5391	4	5	7	Machine Learning
	BTE5415	2	3,5	3,5,7,9	EMC: Analysis and measurement technology
	BTE5416	2	3,5	3,5,7,9	EMC: Introduction
	BTE5446	2	3,5	3,5,7,9	Embedded Linux
	BTE5474	2	3,5	3,5,7,9	Navigation Systems
	BTE5026	1	2	2	Introduction to electronics
	BTE5034	4	4	6	Digital signal processing

BTE5053	4	2	4	Hardware-related software development
BTE5056	1	2	2	Introduction to microprocessors and print layout
BTE5058	4	4	6	Introduction to OOP
BTE5060	6	4	6	System projects
BTE5112	4	2	2	Alternating current technology
BTE5132	4	4	6	Control engineering
BTE5425	2	4,6	4,6,8	Sensors
BTE5458	2	6	8	Photovoltaic System Planning
BTE5459	2	6	8	High voltage
BTE5464	2	6	8	Industrial Drives and Controls
BTE5468	2	6	8	Automation and Control
BTE5469	2	6	8	Robotics
BTE5471	4	6	8	Communication Electronics
BTE5472	4	6	8	Communication Networks
BTE5473	4	6	8	Wireless Communication Systems
BTE5475	2	4,6	4,6,8	Security in Communication Systems
BTE5476	2	4,6	4,6,8	Project-oriented signal processing
BTE5481	4	6	8	C++ in Embedded Systems
BTE5483	4	6	8	Real-time operating systems
BTE5486	4	6	8	Hardware Design of Embedded Systems
BTE5487	2	4,6	4,6,8	Advanced Tooling for embedded SW
BTE5491	2	6	8	Energy storage technologies
BTE5492	2	6	8	High Power Electronics
BTE5493	2	6	8	Electric Drive Trains
BTE5494	2	6	8	Power Electronic System
BTE5495	2	6	8	Battery Systems Engineering
Medical Informatics				
BZG3407	2	1	1	International English 1
BZG3427	2	5	7	English for Medical Purposes
BZG3408	2	4	4	International English 2
Computer Science CS				
Data Engineering DE				
BTI1001	4	1,2	1,2	Programming 1 with Java
BTI1002	4	1	1	Programming 1 with Kotlin
BTI1021	4	1	1	Computer Science Basics
BTI1101	2	1	2	Interaction Design
BTI1111	2	1	1	Requirements Engineering
BTI1121	4	3	4	Software Engineering
BTI1211	2	5	6	Information Technology Law
BTI1311	4	2	2	Databases
BTI1321	2	3	5	Introduction to IT-Security
BTI1341	4	2	3	Operating Systems
BTI2012	2	2-6	3-8	Principles of Machine Learning
BTI2015	2	2-6	3-8	Kotlin for Java Developers
BTI2017	2	3,5	3,5,7	Advanced Software Engineering
BTI2023	2	2-6	3-8	Hackathon 1
BTI2024	2	2-6	3-8	Hackathon 2
BTI2028	2	3,5	3,5,7	Data ethics
BTI3001	6	1	1	Project and Training 1
BTI3011	6	2	3	Project and Training 2
BTI3012	4	2	3	Project and Training 2BB
BTI3021	6	3	4	Project and Training IN 3

BTI3022	6	3	4	Project and Training IN 3BB
BTI3031	6	4	5	Project 1
BTI3041	6	5,6	7,8	Project 2
BTI3051	12	5,6	7,8	Bachelor Thesis
BTI5204	2	1	1	Special Week 1 IN + DE + ME
BTI5205	2	3	3	Special Week 2 IN
BTI5206	2	5	5	Special Week 3 IN
BTI7541	2	3,5	3,5,7	Python
BTI7542	2	3,5	3,5,7	Modern Linux
BTI7545	2	3,5	3,5,7	Introduction to Cybercrime
BTI1011	4	2	2	Programming 2 with Java
BTI1012	4	2	2	Programming 2 with Kotlin
BTI1101	2	1	2	Interaction Design
BTI1121	4	3	4	Software Engineering
BTI1311	4	2	2	Databases
BTI1331	4	3	4	Computer Networks
BTI1401	4	1	2	Algorithms and Datastructures
BTI1411	2	4	5	Automata and Formal Languages
BTI1421	2	5	6	Computability and Complexity
BTI2003	2	2,4,6	2,4,6,8	Mathematical Methods for Data Engineering
BTI2012	2	2-6	3-8	Principles of Machine Learning
BTI2015	2	2-6	3-8	Kotlin for Java Developers
BTI2018	2	2,4,6	2,4,6,8	Application Security
BTI2023	2	2-6	3-8	Hackathon 1
BTI2024	2	2-6	3-8	Hackathon 2
BTI3011	6	2	3	Project and Training 2
BTI3012	4	2	3	Project and Training 2 BB
BTI3021	6	3	4	Project and Training IN 3
BTI3022	4	3	4	Project and Training IN 3BB
BTI3031	6	4	5	Project 1
BTI3041	6	5,6	7,8	Project 2
BTI3051	12	5,6	7,8	Bachelor Thesis
BTI7532	2	2,4,6	2,4,6,8	iOS Programming
Mechanical Engineering				
BZG3407	2	1	1	International English 1
BZG3408	2	2	2	International English 2
Mathematics, Natural Sciences and Humanities				
BZG1308	2	4	5	Matlab/Octave applications
BZG1304	2	4,6	4,6,8	Lagrangian Mechanics
BZG1316	2	3,5	3,5,8	Vector Calculus
BZG1305	2	4,6	4,6,8	Public key cryptography
BZG1314	2	3,5	3,5,8	Clustering of Timeseries Data
Industrial Engineering and Management Science				
BTW1401	4	3	5	Logistics and Supply Chain
BTW2302	4	3	5	Computational Modeling 2
BTW3501	4	5	5	Process Analysis and Optimization
BTW7105	6	5	7	Project 5: Interdisciplinary Project
BTW7108	2	3	3	Special Week 2: Agile Project
Management				
BTW7109	2	3	3	Project 3: Project Management
BTW9004	2	3,5	3,5,7	Sustainable Engineering
BTW1301	4	4	4	Strategic and Innovation Management
BTW2111	2	4	4	Künstliche Intelligenz

	BTW2413	4	4	6	IoT Applications
	BTW5204	4	2,4,6	2,4,6,8	Computational Modeling 1
	BTW6698	4	6	8	Project 6: Prestudy Bachelor Thesis
	BTW9009	2	4,6	4,6,8	Machine and Business Ethics
	BTW6699	12	6	8	Bachelor Thesis
	BTW6697	4	5	7	Specialisation Project
	BTW6551	6	5	7	Industrial Engineering 1
	BTW6553	4	5	7	Industrial Engineering 2
	BTW6652	6	6	8	Industrial Engineering 3
	BTW6501	6	5	7	Business Engineering 1
	BTW6503	4	5	7	Business Engineering 2
	BTW6602	6	6	8	Business Engineering 3
	BTW6351	6	5	7	Supply Chain and Process Engineering 1
	BTW6353	4	5	7	Supply Chain and Process Engineering 2
	BTW6352	6	6	8	Supply Chain and Process Engineering 3
Placements in English (internships, traineeships)	Yes				

7 Business School

Programmes in English	BSc International Business Administration MSc Digital Business Administration MSc Entrepreneurship & Business Innovation
Specialisations in English	Applied Data Science for Business Banking & Finance Digital Business Management Global Management Innovation & Entrepreneurship
Mobility windows¹ in English	Yes, within the programmes in English.
Modules in English	Up-to-date list on the website: https://www.bfh.ch/business/en/about-department-business/international/
Placements in English (internships, traineeships)	No

8 Swiss Federal Institute of Sport Magglingen SFISM

Programmes in English	No
Specialisations in English	No
Mobility windows¹ in English	No. Some possibilities in practice modules, with the support of peers.
Modules in English	No
Placements in English (internships, traineeships)	Yes