



International Semester @ Furtwangen Campus

Module Overview

Winter Semester 2018/19

Status: August 2018

Director International Semester: Prof. Dr. Achim P. Karduck
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Director International Center: Ms Brigitte Minderlein
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Incoming Student Support: Ms Julia Hennig
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Important Advice for Module Selection

During your International Semester, you have a lot more options than choosing study modules in your academic discipline. These are:

A) **German Class** (Introduction Level or Higher): 6 ECTS

This is compulsory.

B) **Orientation Programme**: 3 ECTS

This is compulsory.

C) **This is Germany Class**: 3 ECTS

This is chosen by all students, and highly recommended.

D) **Group Project**: 6 ECTS

This is an option, with projects selected in week 1 or 2

Thus, you usually choose 18 to max. 24 ECTS in study modules in your academic discipline.

Please see the structure of the International Semester under

https://www.hs-furtwangen.de/fileadmin/user_upload/ze_ic/HFU_International_Semester_Furtwangen_Campus_Flyer_web.pdf

Please note as well, that depending on your experience level of studies and your interest profile, additional modules to the ones listed below can be added for the streams Smart Systems / EE, Business Information Systems, Business Engineering, etc.

You will receive more information about this option during a personal advisory meeting during week 1 of the semester in Furtwangen.

International Students, who speak German, have maximum flexibility in course selection across the Faculties, in addition to the offers in English.

You will receive more information about this option as well during a personal advisory meeting during week 1 of the semester in Furtwangen.

Modules

1. **An Introduction to Data Science (6 ECTS)**
Prof. Dr. Leonard Noriega
2. **Introduction to Deep Learning II (3 ECTS)**
Prof. Dr. Ruxandra Lasowski
3. **User Experience Computing (UX Computing) and Design Thinking (3 ECTS)**
Prof. Dr. Annicia Peters
Block Seminar: week of October 19
4. **Legal Aspects of Social Media Data (6 ECTS)**
Prof. Dr. Leonard Noriega
5. **ASP.Net (3 ECTS)**
Dr. Marius Dramski
Block Seminar: week of October 26
6. **Knowledge Management and Sustainable Development (3 ECTS)**
Prof. Dr. Aladdin Ayesch
Block Seminar: week of December 10
7. **Game Design Workshop (6 ECTS)**
Prof. Dell'Oro-Friedl,
8. **Game Development 2D (3 ECTS)**
Prof. Dell'Oro-Friedl
9. **Game Development 3D (3 ECTS)**
10. **Logistics and Sales Processes in SAP (3 ECTS)**
Prof. Dr. Kopp
11. **Legal Economic Analysis (6 ECTS)**
Prof. Dr. Leonard Noriega
12. **Digitalization in Germany (3 ECTS)**
Session 1: Friday/Saturday April 6/7, 9:30-15:30, I2.13
Session 2: will be announced
Session 3: Friday June 22, 9:30-15:30, I2.13
13. **Innovation Management (2 ECTS)**
Elena Stefanova
Block seminar, times t.b.d.
14. **Optics Lab (3 ECTS)**
Prof. Dr. Schneider

Block seminar, dates will be announced

15. **Sound Interfaces with Lab** (6 ECTS)
Prof. Dr. Schnell
16. **Interactive Sound and Music with Lab** (6 ECTS)
Prof. Dr. Schnell
17. **Psychoacoustics and Audio Processing** (6 ECTS)
Prof. Dr. Schnell
18. **Interaction Design** (6 ECTS)
Prof. Dr. Sieß
19. **Advances in Media Production** (3 ECTS)
Prof. Dr. Hottong
20. **Legal Contract Architecture** (6 ECTS)
Prof. Dr. Leonard Noriega
21. **This is Germany** (3 ECTS)
Jürgen Schwarz, Oberstudienrat a.D.
please note: schedule communicated by International Center
22. **Semester Project** (6 ECTS)
Prof. Dr. Achim Karduck
Please note: separate information by Prof. Dr. Karduck about recommended projects in week of October 1st.
23. **German courses** (usually 6 ECTS)
Language Center
<https://www.hs-furtwangen.de/en/central-services/language-center/>
please note: course participation after advise and test by Language Center

Please note, as stated on page 2:

Depending on background / entrance requirements after personal interview with Prof. Dr. Karduck, 1-2 of the following courses can be added to your course selection (depending on available places):

Smart Systems / EE stream

<https://www.hs-furtwangen.de/en/faculties/mechanical-and-medical-engineering/>

<https://www.hs-furtwangen.de/en/programmes/smart-systems-master/>

<https://www.hs-furtwangen.de/en/programmes/smart-systems-master/details-of-programme/>

Information Systems stream

<https://www.hs-furtwangen.de/en/faculties/business-information-systems/>

General Information

1) HFU in English / International Center / Language Center

<http://en.hs-furtwangen.de/>
<https://www.hs-furtwangen.de/en/programmes/>
<https://www.hs-furtwangen.de/en/central-services/international-center/>
<https://www.hs-furtwangen.de/en/central-services/language-center/>

2) Faculty Computing – IN

<https://www.hs-furtwangen.de/en/faculties/computer-science/>
www.informatik.hs-furtwangen.de

Look under "Studiengänge" and "Rund ums Studium & Vorlesungspläne" for all the courses and schedules if required, as well the programs in German.

Contact: Prof. Dr. Achim Karduck, Monday 13:00-14:00, C2.06, and on demand

3) Faculty Business Computing – WI

www.wi.hs-furtwangen.de

Look under study program for all the courses and schedules if required, as well the programs in German.

Contact: Dijana Greguric, Waltraud Bianci, I2.10 (Tuesday-Friday, 8:00-12:00, 14:00-16:00)

4) Faculty Digital Media – DM

<https://www.hs-furtwangen.de/en/faculties/digital-media/>

Look under "Aktuelles & Vorlesungspläne" for all the courses and schedules if required, as well the programs in German.

Contact: Mrs. Braun, Mr. Brachat, I1.10 (Monday-Friday, 08:00-12:00, 14:00-16:00)

5) Faculty Mechanical and Medical Engineering - MME

<https://www.hs-furtwangen.de/en/faculties/mechanical-and-medical-engineering/>
<http://www.hs-furtwangen.de/studierende/fakultaeten/mechanical-and-medical-engineering.html>

Contact: Prof. Dr. Ekkehard Batzies, international coordinator, room G 2.12

6) Faculty Business Administration and Engineering - WING

<https://www.hs-furtwangen.de/en/faculties/business-administration-and-engineering/>

Contact: Ms Ute Beitlich, faculty secretary, room G 2.12

Mr Thomas Eick, faculty master program coordinator, room G2.03

7) Faculty Health, Safety, and Society - GSG

<https://www.hs-furtwangen.de/en/faculties/health-safety-society/>

Contact: Ms Marie Rosing, room A3.10