



# International Semester @ Furtwangen Campus

## Module Overview

### Summer Semester 2019

Status: March 2019

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 seen as compulsory.

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.

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](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. **Energy Business, Innovation** (3 ECTS)  
Prof. Dr. Eduard Heindl  
Thursday, 14:00-15:30, I2.21
2. **Digitalization and New Business Models** (3 ECTS)  
R. Ernst, J. Hecht  
Block seminar:  
Fridays: 4.4., 26.4., 7.6.: 9:30-17:15, I2.18 (26623)
3. **An Introduction to Process Mining** (3 ECTS)  
Prof. Dr. Marius Dramski, University of Danzig  
Block Seminar: week of May 13
4. **Knowledge Management and Sustainable Development** (3 ECTS)  
Prof. Dr. Aladdin Ayesh, De Montfort University  
Block Seminar: week of April 8
5. **Innovation Management** (3 ECTS)  
E. Colceag  
Block Seminar:  
Friday 10.5., 09:30-17:15, I2.13
6. **Innovations that change the world** (3 ECTS)  
Prof. Dr. Eduard Heindl  
Thursday, 15:30-17:15, I2.21
7. **Signal Processing and Statistics for Data Science** (6 ECTS)  
Prof. Dr. Leonard Noriega  
Thursday, 14:00-17:15, I2.19
8. **Smart Services Innovation** (3 ECTS)  
Dr. Abdel Razek  
Wednesday, 14:00-15:30, H1.02
9. **Legal Economic Analysis** (6 ECTS)  
Prof. Dr. Leonard Noriega  
Tuesday, 09:30-12:45, I2.21
10. **Cryptography** (6 ECTS)  
Prof. Dr. Olfa Neißé  
Friday 07:30-11:00  
from 22.3., A3.13
11. **Interactive Media Installations** (3 ECTS)  
Prof. Dr. Norbert Schnell  
Thursday 09:30-12:45, I1.19

12. **Intercultural Competence in Media** (3 ECTS)  
Dr. S. Huber  
Block seminar:  
Wednesday & Friday 24.4. & 26.4., 08:00-15:30, L2.05a
  
13. **Media and Society** (6 ECTS)  
Prof. Dr. Miguel Garcia  
Wednesday 7:45-11:00, I1.20
  
14. **Music for Digital Media** (3 ECTS)  
Prof. Dr. Norbert Schnell  
Thursday 14:00-17:15, I1.21
  
15. **This is Germany** (3 ECTS)  
Jürgen Schwarz, Oberstudienrat a.D.  
Wednesday 15:45-17:15, A3.22
  
16. **Semester Project** (6 ECTS)  
Prof. Dr. Achim Karduck  
Please note: separate information by Prof. Dr. Karduck about recommended projects in week of March 18.
  
17. **German Language Courses** (usually 6 ECTS)  
Language Center  
<https://www.hs-furtwangen.de/en/central-services/language-center/>  
please note: course participation after counselling 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](http://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](http://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