International Semester @ Furtwangen Campus
Module Overview
Summer Semester 2019

Status: March 2019

Director International Semester: Prof. Dr. Achim P. Karduck
karduck@hs-furtwangen.de

Director International Center: Ms Brigitte Minderlein
min@hs-furtwangen.de

Incoming Student Support: Ms Julia Hennig
heju@hs-furtwangen.de
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

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 Neiße
    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  
   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/programmes/smart-systems-master/  

**Information Systems stream**  
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/

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

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

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

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

Contact: Ms Marie Rosing, room A3.10