

COURSE OFFER SPRING SEMESTER 2027

BSc Business Information Technology Campus BRUGG-WINDISCH

1st YEAR COURSES (2nd Semester)

| Course Name | ECTS | Requirements | PT |
|---------------------------------|------|----------------------------|----|
| <u>Advanced Programming</u> | 6 | Foundations of Programming | PT |
| <u>Applied Mathematics 2</u> | 3 | No requirements | PT |
| <u>Requirements Engineering</u> | 6 | No requirements | PT |
| <u>Statistics 2</u> | 3 | No requirements | PT |
| <u>Business Communication</u> | 3 | No requirements | PT |

2nd YEAR COURSES (4th Semester)

| Course Name | ECTS | Requirements | PT |
|---|------|---|----|
| Corporate Finance Basics | 3 | No requirements | PT |
| <u>Project Management</u> | 3 | Introduction to Business Information Technology | PT |
| <u>Critical Thinking and Academic Writing</u> | 6 | No requirements | PT |
| Web-based Applications | 6 | | PT |

3rd YEAR COURSES (6th Semester)

| Course Name | ECTS | Requirements | PT |
|------------------------------|------|--|----|
| <u>Business Intelligence</u> | 5 | Business Math 2, Database Technologies | PT |
| <u>Corporate Strategy</u> | 5 | Principles of Management | PT |
| <u>Ethics and Law</u> | 5 | No requirements | PT |
| <u>Internet Technology</u> | 5 | Programming, Database Technology | PT |

3rd YEAR Specialisations⁴ (Only one Specialisation can be chosen):

| Course Name | ECTS | Requirements | FT/PT ¹ |
|---|------|-----------------------|--------------------|
| Business Analytics - <u>Time Series Analysis with R</u> | 5 | Business Intelligence | FT/PT |

*FT means full-time courses, PT means part-time courses, please note that part-time courses can take place in the evenings or Saturdays, but not always.