

## COURSE OFFER AUTUMN SEMESTER 2026/27

### BSc Business Information Technology Campus BRUGG

#### 1st YEAR COURSES (1st Semester)

| Course Name                     | ECTS | Requirements    | FT/PT |
|---------------------------------|------|-----------------|-------|
| <u>Applied Mathematics 1</u>    | 3    | No requirements | PT    |
| <u>Statistics 1</u>             | 3    | No requirements | PT    |
| <u>Principles of Management</u> | 6    | No requirements | PT    |
| <u>Digital Business</u>         | 6    | No requirements | PT    |
| <u>Programming Foundations</u>  | 6    | No requirements | PT    |

#### 2nd YEAR COURSES (3rd Semester)

| Course Name                        | ECTS | Requirements                                                                                                                           | FT/PT |
|------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------|-------|
| <u>Business Process Management</u> | 6    | Principles of Management, Digital Business                                                                                             | PT    |
| <u>Organisational Behaviour</u>    | 3    | No requirements                                                                                                                        | PT    |
| <u>Financial Management</u>        | 3    | No requirements                                                                                                                        | PT    |
| <u>Database Technology</u>         | 5    | Introduction to Business Information Technology, Programming                                                                           | FT    |
| <u>Enterprise Systems</u>          | 5    | Business process management, Financial Accounting, Data Bases, Basics of business administration, Introduction to Business Informatics | FT/PT |

#### 3rd YEAR COURSES (5th Semester)

| Course Name                                      | ECTS | Requirements                                     | FT/PT |
|--------------------------------------------------|------|--------------------------------------------------|-------|
| <u>Digital Business Models</u>                   | 5    | Introduction to BIT, Business Process Management | PT/FT |
| <u>Logistics and Supply Chain Management</u>     | 5    | No requirements                                  | PT    |
| <u>Topics in Business Information Technology</u> | 5    | No requirements                                  | PT    |
| <u>Statistics and Probability</u>                | 5    | Elementary Algebra (equations with one variable) | PT    |
| <u>IT-Security</u>                               | 5    | Introduction to Business Information Technology  | PT    |

**3rd YEAR Specialisations<sup>4</sup> (Only one Specialisation can be chosen):**

| Course Name                      | ECTS | Requirements                                                                                         | FT/PT <sup>1</sup> |
|----------------------------------|------|------------------------------------------------------------------------------------------------------|--------------------|
| Machine Learning with Python     | 5    | No requirements                                                                                      | FT/PT              |
| Big, Semi- and Unstructured Data | 5    | Business Maths 1 and 2<br>Statistics and Probability<br>Business Intelligence<br>Database Technology | 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.