Stand 2024

Business Information Systems (B.Sc.)

Learning Competencies and Learning Goals zu erheben ab Oktober 2024 – nach Absprache mit Stefanos

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| **LC1** | **Knowledge and understanding: Students demonstrate integrated academic knowledge and understanding of business information systems.** |
| thesis | The student has solid knowledge on core theories, concepts, and models in (business) information systems.  |
| thesis | The student reflects on the limits of theories, concepts, and models. |
| thesis | The student applies academic concepts and theories to practical and/or theoretical problems in (business) information systems. |
| **LC 2** | **Academic skills: Students master basic scientific working techniques and justify their own decisions and steps of action.** |
| thesis | The student poses relevant research questions. |
| thesis | The student develops an appropriate research and/or development design. |
| thesis | The student transparently applies research and/or development methods to draw theoretical and/or practical conclusions. |
| **LC3** | **Solutions for complex problems: Students develop and evaluate solution-oriented propositions.** |
| thesis | The student outlined the relevance of the problem statement or research question for its context. |
| thesis | The student appropriately developed specific concepts or artifacts (e.g. an algorithm, a model, a program) for implementation. |
| thesis | The student discussed how the solution contributed to research and advanced the knowledge in the respective field. |

What would have enabled the student to write a better bachelor's thesis, e.g. to develop more relevant research questions and apply theories and methods more consistently?

Feel free to name your suggestions or recommendations as to which elements of the curriculum should be strengthened to achieve these improvements?

Curriculum mapping[[1]](#footnote-1) [[2]](#footnote-2)

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| **semester** | **module** | **BIS 1.1** | **BIS 1.2** | **BIS 1.3** | **BIS 2.1** | **BIS 2.2** | **BIS 3.1** | **BIS 3.2** | **BIS 3.3** |  |  |
| 1 | Business Information Systems: introduction to the subject area |  |  |  |  |  |  |  |  |  |  |
| 1 | Producing knowledge: research methods for Business Information Systems |  |  |  |  |  |  |  |  |  |  |
| 2 | Databases |  |  |  |  |  |  |  |  |  |  |
| 2 | Software technology |  |  |  |  |  |  |  |  |  |  |
| 2 | Mathematics I |  |  |  |  |  |  |  |  |  |  |
| 2 | Business Process Management |  |  |  |  |  |  |  |  |  |  |
| 3 | Enterprise systems |  |  |  |  |  |  |  |  |  |  |
| 3 | Application Development Methodology |  |  |  |  |  |  |  |  |  |  |
| 3 | Mathematics II |  |  |  |  |  |  |  |  |  |  |
| 3 | Business Analytics |  |  |  |  |  |  |  |  |  |  |
| 4 | Software Development Project |  |  |  |  |  |  |  |  |  |  |
| 4 | Business Information Systems Concentration Module |  |  |  |  |  |  |  |  |  |  |
| 4 | Artificial Intelligence |  |  |  |  |  |  |  |  |  |  |
| 5 | Research Methods |  |  |  |  |  |  |  |  |  |  |
| 5 | Business Informatics Project I |  |  |  |  |  |  |  |  |  |  |
| 5 | Business Informatics Seminar |  |  |  |  |  |  |  |  |  |  |
| 6 | Business Informatics Project II | A | A | A | A | A | A | ~~A~~ |  |  |  |
| 6 | Bachelor Thesis |  |  |  |  |  |  |  |  |  |  |

1. I= introduced, R= reinforced, A= assessed [↑](#footnote-ref-1)
2. based on module handbook downloaded on March 22, 2023 [↑](#footnote-ref-2)