

List of courses
for foreign exchange students
at the Faculty of Computer Science and Mathematics
at the University of Passau

This is a list of courses in english suitable for exchange students attending the bachelor programmes of the Faculty of Computer Science and Mathematics at the University of Passau. Students should be at least in the second half of their bachelor studies. Individual prerequisites to the courses may apply. It is necessary to arrange a learning agreement with the Chair of the Board of Examiners.

Bachelor in Computer Science:

- Computational Logic (Prof. Dr. Kreuzer)
- Computer Algebra (Prof. Dr. Kreuzer)
- Coding Theory (Prof. Dr. Kreuzer)
- Cryptography (Prof. Dr. Kreuzer, Prof. Dr. Zumbrägel)
- Data Science (Prof. Dr. Granitzer)
- Efficient Algorithms (Prof. Dr. Rutter)
- Fourier and Laplace Transforms (Prof. Dr. Forster-Heinlein)
- Hardware based Security (Prof. Dr. Katzenbeisser)
- IT-Security (Prof. Dr. Posegga)
- Recursion Theory (Prof. Dr. Kaiser)
- Secure Computing (Prof. Dr. Katzenbeisser)
- Semantic Technologies (Prof. Dr. Freitag)
- Visual Analytics (Prof. Dr. Granitzer)

Bachelor in Mathematics:

- Computational Logic (Prof. Dr. Kreuzer)
- Computer Algebra (Prof. Dr. Kreuzer)
- Coding Theory (Prof. Dr. Kreuzer)
- Cryptography (Prof. Dr. Kreuzer, Prof. Dr. Zumbrägel)
- Efficient Algorithms (Prof. Dr. Rutter)
- Fourier and Laplace Transforms (Prof. Dr. Forster-Heinlein)
- Functional Analysis (Prof. Dr. Forster-Heinlein, Prof. Dr. Wirth)
- Introduction to Statistics (PD Dr. Gilch)
- Mathematical Logic (Prof. Dr. Kaiser)
- Numerics of Differential Equations (Prof. Dr. Wirth)
- Partial Differential Equations (Prof. Dr. Wirth)