

Cycles in SP 3: Numerical and applied mathematics

The following cycles belong to the field of study SP 3: Numerical and applied mathematics:

- Inverse problems
- Approximation methods
- Numerics of partial differential equations
- Optimisation
- Variational analysis
- Image and geometry processing
- Scientific computing / Applied mathematics

A cycle normally at least consists of:

- Introduction of the cycle... (9 C)
- Focus of the cycle... (9 C)
- Specialisation of the cycle... (9 C)

Furthermore, normally the following is being offered:

- Seminar of the cycle... (3 C)
- Oberseminar of the cycle... (3 C)
- Aspects of the cycle... (6 C)
- Special course... (3 C)

The following modules are selectable in the Master's programme in mathematics in SP 3, but are not part of a cycle:

- M.Mat.3110: Higher Analysis (9 C, 6 cred. h.)
- M.Mat.0731: Advanced Practical Course in Scientific Computing (10 C, 4 cred. h.)
- M.Mat.3130: Operations Research (9 C, 6 cred. h.)