

| Module title                                                                                                                                                                   |                   | Abbreviation                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------|
| Seminar in Inverse Problems                                                                                                                                                    |                   | 10-M=SINP-252-m01                    |
| Module coordinator                                                                                                                                                             |                   | Module offered by                    |
| --                                                                                                                                                                             |                   | Institute of Mathematics             |
| ECTS                                                                                                                                                                           | Method of grading | Only after succ. compl. of module(s) |
| 5                                                                                                                                                                              | numerical grade   | --                                   |
| Duration                                                                                                                                                                       | Module level      | Other prerequisites                  |
| 1 semester                                                                                                                                                                     | --                | --                                   |
| Contents                                                                                                                                                                       |                   |                                      |
| --                                                                                                                                                                             |                   |                                      |
| Intended learning outcomes                                                                                                                                                     |                   |                                      |
| --                                                                                                                                                                             |                   |                                      |
| Courses (type, number of weekly contact hours, language — if other than German)                                                                                                |                   |                                      |
| S (2)<br>Module taught in: German and/or English                                                                                                                               |                   |                                      |
| Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)        |                   |                                      |
| talk (60 to 120 minutes)<br>Language of assessment: German and/or English<br>Assessment offered: In the semester in which the course is offered and in the subsequent semester |                   |                                      |
| Allocation of places                                                                                                                                                           |                   |                                      |
| --                                                                                                                                                                             |                   |                                      |
| Additional information                                                                                                                                                         |                   |                                      |
| --                                                                                                                                                                             |                   |                                      |
| Workload                                                                                                                                                                       |                   |                                      |
| 150 h                                                                                                                                                                          |                   |                                      |
| Teaching cycle                                                                                                                                                                 |                   |                                      |
| --                                                                                                                                                                             |                   |                                      |
| Referred to in LPO I (examination regulations for teaching-degree programmes)                                                                                                  |                   |                                      |
| --                                                                                                                                                                             |                   |                                      |
| Module appears in                                                                                                                                                              |                   |                                      |
| Master's degree (1 major) Mathematical Data Science (2025)                                                                                                                     |                   |                                      |