

| Semester    |   |   |   |   |   |  | Gesamt  |    |
|-------------|---|---|---|---|---|--|---|----|
|             | <b>Module 1 (P)</b><br>"Introduction to methods in teaching and learning science" | <b>Module 2 (W)</b><br>"Reading and administration of literature" | <b>Module 3 (W)</b><br>"Writing and presentation skills"                        | <b>Module 4 (P)</b><br>"Institutions in the international context of educational systems" | <b>Module 5 (P)</b><br>"Models and theoretical conceptions of teaching and learning research"       |  |   |    |
| 1           | Lecture<br>"Introduction to quantitative methods"                                 | Seminar<br>"Active reading strategy"                              | Seminar<br>"Basic scientific writing "  | Seminar<br>"Organization and Management in educational systems"                           | Seminar<br>"Models and theoretical conceptions of teaching and learning research"                   |  |   |    |
|             | Exercise course<br>"Introduction to quantitative methods"                         | Seminar<br>"Literature administration and knowledge organization" | Seminar<br>"Presentation skills"  | Seminar<br>"Educational systems and achievement"  | Seminar<br>"Qualitative and quantitative research methods of classroom research"                    |  |   |    |
|             |   |   |   | Seminar<br>"Researching educational systems"  | Seminar<br>"Planning and implementation of research works in classroom research I"                  |  |   |    |
| <b>ECTS</b> | 5   | 5   | 5   | 10  | 10  |  | 30  |    |
|             | <b>Module 6 (P)</b><br>"Educational processes and outcomes"                       |   | <b>Module 7 (P)</b><br>"Educational institutions and their quality development" |   | <b>Module 8 (P)</b><br>"Teaching and learning processes in classrooms and instructional design"     |  |   |    |
| 2           | Seminar<br>"Development of research instruments I"                                |   | Seminar<br>"Basics of quality development and quality assurance"                |   | Seminar<br>"Introduction to teaching and learning processes in classrooms and instructional design" |  |   |    |
|             | Exercise course<br>"Development of items for tests and questionnaires"            |   | Seminar<br>"Quality development by professionalization"                         |   | Seminar<br>"Planning and evaluating educational research"   |  |   |    |
|             | Lecture<br>"Test theory"  |   | Seminar<br>"Quality assurance by evaluation"                                    |   | Seminar<br>"Planning and implementation of research works in classroom research II"                 |  |   |    |
| <b>ECTS</b> | 10  |   |   |   |   |  | 30  |    |
|             | <b>Module 9 (P)</b><br>"Educational processes and outcomes II"                    | <b>Module 10 (W)</b><br>"Analysis of variance"                    | <b>Module 11 (W)</b><br>"Video analysis"  | <b>Module 12 (W)</b><br>"Analysis of interview data, learning journals and portfolios"    | <b>Module 13 (SL)</b><br>"Research on teaching and learning: specialization"                        | <b>Module 14 (SL)</b><br>"Research internship" | <b>Module 15 (SL)</b><br>"Internship in educational Institutions" |    |
| 3           | Seminar<br>"Development of research instruments 2"                                | Seminar<br>"Scientific Writing"                                   | Seminar<br>"Scientific writing"   | Seminar<br>"Scientific writing"   | Seminar<br>„Selected Issues in Educational Research“  | internship<br>(3 weeks)                        | internship<br>(3 weeks)   |    |
|             | Exercise course<br>"Conducting Assessments in different modalities"               | Seminar<br>"Analysis of variance procedures"                      | Seminar<br>"Video analysis"   | Seminar<br>"Analysis of interview data, learning journals and portfolios"                 |   |  |   |    |
|             | Exercise course<br>"Advanced evaluation of tests and questionnaires"              |   |   |   |   |  |   |    |
|             | Exercise course<br>"Evaluation of tests and questionnaires"                       |   |   |   |   |  |   |    |
| <b>ECTS</b> | 10  | 5   | 5   | 5   | 5   | 5  | 5   | 30 |
| 4           | Master's Thesis   |   |   |   |   |  |   | 30 |

P=(Pflichtmodul) compulsory examination module; W=(Wahl) elective module; (students must choose two modules amounting to 10 ECTS from the modules 2,3,10,11 and 12 - a failed elective module can be substituted with another elective module ); SL= (Studienleistung) compulsory coursework, ungraded