

| | | | | | | |
|-----------------------------------|--|---|--|--|--|--|
| Title of Module (English): | | Experimental Research Projects | | | | |
| Title of Module (German): | | Experimentelle Forschungsprojekte | | | | |
| Degree Programme: | | Bachelor of Science "Human Movement in Sports and Exercise" | | | | |

| | | | | | | |
|----------|--------------------------|--|--|--|--|--|
| 1 | Module Number: 12 | Status: <input checked="" type="checkbox"/> Mandatory Module <input type="checkbox"/> Elective Module | | | | |
|----------|--------------------------|--|--|--|--|--|

| | | | | | |
|----------|---|--|-----------------------|-----------------|-----------------------------|
| 2 | Frequency: <input checked="" type="checkbox"/> Every semester <input type="checkbox"/> Every winter semester <input type="checkbox"/> Every summer semester | Duration: <input checked="" type="checkbox"/> 1 semester <input type="checkbox"/> 2 semesters | Semester: 4 | CP: 5 | Workload (h): 150 |
|----------|---|--|-----------------------|-----------------|-----------------------------|

| | | | | | | | |
|----------|--------------------------|-------------|---|--|-----------|--|----------------------------------|
| 3 | Module Structure: | | | | | | |
| | No. | Type | Course | Status (mandatory/ elective) | CP | Attendance (h + SWS²³) | Individual Study Time (h) |
| | 1 | P | One Research Project in one of four disciplines | <input checked="" type="checkbox"/> m <input type="checkbox"/> e | 5 | 30 (2 SWS) | 120 |

| | |
|----------|--|
| 4 | Content of Module: The students get involved in a research project within one discipline (Neuromotor Control and Modelling, Gender and Diversity, Sport Psychology, Neurocognition and Performance). They integrate theoretical and methodological knowledge within their research project. The aim is for students to formulate a research question, apply a conceptual framework, use appropriate methods to address this research question, acquire data, analyse these data, and prepare a poster. |
|----------|--|

| | |
|----------|--|
| 5 | Learning Outcomes: Module 12 provides a link between the statistical knowledge and the research skills acquired in Module 4 and the Bachelor's thesis. The focus is on the creative aspect of research, so that students learn to develop their own ideas in the context of previous publications. Important skills that will be trained are the analysis and evaluation of research articles and the formulation of research questions. In addition, students have to integrate their knowledge of different research methods from other modules to decide which approach is the most adequate for the problem at hand. |
|----------|--|

| | |
|----------|--|
| 6 | Options within the Module: The students choose one project that needs to be concluded successfully. This research project can be a direct preparation for their bachelor thesis. |
|----------|--|

| | |
|----------|---|
| 7 | Type of Examination: <input checked="" type="checkbox"/> Final Module Examination <input type="checkbox"/> Module Examination <input type="checkbox"/> Component Examinations |
|----------|---|

| | | |
|----------|--|--|
| 8 | Degree-Relevant Examination(s): | |
| | Number and form (e.g. written examination, oral examination); assigned to course no. ²⁴ : | Duration or length Weighting of grade for module grade in % |
| | Presenting their research by means of a poster at the end of the semester. | One poster DIN A0 100% |

| | |
|----------|-----------------------------|
| 9 | Required Coursework: |
|----------|-----------------------------|

²³ SWS (Semesterwochenstunden) = hours of instruction per week

²⁴ Not applicable to final module examination

| | | |
|-----------|--|-------------------------|
| | Number and form; assigned to course no. ²⁵ : | Duration or length |
| | Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework includes e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload. | |
| 10 | Requirements for Obtaining Credits (CP): The credit points of the module are awarded when the entire module, i.e. all degree-relevant examinations and all required coursework, has been completed successfully. | |
| 11 | Weighting of Module Grade in Calculation of Final Overall Grade: 3% | |
| 12 | Admission to Module: Successful completion of M1, M2, M4, and S1 of M10 (Ethical Issues in Research) is recommended. | |
| 13 | Attendance: Attendance for the initial development of the research project and contact with the tutor is necessary along with on-the-spot direct support by the tutor. | |
| 14 | This Module is also an Element of the Following Degree Programmes: -- | |
| 15 | Module Coordinator: Dr. Dennis Dreiskämper | Faculty: FB07 |
| 16 | Additional Information: All seminars are in English. All reading and writing assignments will be in English, as well as all exams and presentations. | |