Introduction to Academic Work

Course Description

The application of good scientific practice is one of the basic academic qualifications that should be acquired while studying. This course deals with the distinction between everyday knowledge and science. This requires a deeper understanding of the theory of science, as well as the knowledge of basic research methods and instruments for writing scientific texts. The students therefore gain initial insight into academic research and are introduced to the basic knowledge that will help them in the future to produce scientific papers. In addition, the students receive an overview of the different IU examination forms and insight into

Contents

1. Theory of Science
   1. Introduction to Science and Research
   2. Research Paradigms
   3. Fundamental Research Decisions
   4. Effects of Scientific Paradigms on Research Design
2. Application of Good Scientific Practice
   1. Research Ethics
   2. Evidence Teaching
   3. Data Protection and Affidavit
   4. Orthography and Shape
   5. Identification and Delimitation of Topics
   6. Research Questions and Structure
3. Research Methods
   1. Empirical Research
   2. Literature and Reviews
   3. Quantitative Data Collection
   4. Qualitative Data Collection
   5. Mix of Methods
   6. Critique of Methods and Self-Reflection
4. Librarianship: Structure, Use, and Literature Management

4.1 Plagiarism Prevention

1. Database Search
2. Literature Administration
3. Citation and Author Guidelines
4. Bibliography
5. Scientific Work at the IU – Research Essay
6. Scientific Work at the IU - Project Report
7. Scientific Work at the IU - Case Study
8. Scientific Work at the IU - Bachelor Thesis
9. Scientific Work at the IU – Oral Assignment
10. Scientific Work at the IU – Oral Project Report
11. Scientific Work at the IU - Colloquium
12. Scientific Work at the IU - Portfolio
13. Scientific Work at the IU - Exam