

北陸先端科学技術大学院大学研究室教育指針  
Laboratory Education Guideline

研究室教育指針は、学則第30条の3に基づき、研究指導の方法及び内容並びに修了までの研究指導の計画をあらかじめ明示するものです。

Based on the Article 30-3 of the general academic rules, the Laboratory Education Guideline is intended to clearly outline the methods and content of research guidance, as well as the plan for research guidance until completion.

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1. 研究テーマ / Research Theme
Our research aims to empirically and quantitatively analyze culture, human behavior, and social dynamics through the lens of psychology and computational social science
2. 修得が期待される能力 / Competencies expected to be acquired 研究室教育は必修 A 科目（先端）又は研究支援科目（融合）の一部として単位化されており、この欄はそれら科目のシラバス上の達成目標の一部となります。 Laboratory Education is accredited as a part of the Required courses A (Division of Advanced Science and Technology) or Research Support Courses (Division of Transdisciplinary Sciences), and this section constitutes a part of the course goals stated in the syllabus for such subjects.
Society and culture are complex; describing them only in words can lead to ambiguity. Our lab uses 'model-based thinking' to abstract and theoretically reconstruct these phenomena. Lab members gain hands-on experience in diverse methods—from psychological experiments to computational simulations and quantitative text analysis. Adhering to the idea that 'God is in the details,' we rigorously assess prior research and crossing disciplinary boundaries to build systematic knowledge
3. 研究指導方針 / Research Guiding Principle
Seminars are held twice a week during the term-time, catering separately to students at the Ishikawa Campus and the Tokyo Satellite; students are expected to attend one of these sessions. While we aim for the work to be self-contained within the seminars, additional sessions may be organized as required. We place a high priority on research methodology, including experimental design and statistical analysis. Our primary goal is to develop well-structured research plans based on a rigorous review of prior literature, followed by data acquisition. For students aiming for doctoral programmes and future research careers, I provide strategic guidance to build a robust research trajectory. We also adapt our supervision for mature students (working professionals) to accommodate their specific time constraints. Doctoral students are specifically mentored with the aim of publishing their original research in Q1 English-language journals.
4. 研究室活動の内容及び方法 / Content and Methods of Laboratory Activities
<input type="checkbox"/> 日次活動 / Daily Activities : <input type="checkbox"/> 週次活動 / Weekly Activities : Research seminar (once a week), journal club (once a week). <input type="checkbox"/> 月次活動 / Monthly Activities : Progress review and target setting for the following month. <input type="checkbox"/> 不定期活動 / Occasional Activities : Attending ethics seminars, preparation for conference presentations, one-to-one supervision meetings, conducting experiments (members may be requested to assist with data collection of other members), and maintenance of laboratory and equipment.
5. 年間スケジュール / Annual Schedule 本学の全学共通の年間スケジュールは「履修案内」の「学位取得に至るスケジュール」を参照してください。（本学HP 参照：ホーム>教育>履修関係>履修案内） Please refer to the “Degree conferment schedule for the master’s program/doctoral program” in the “Degree Completion Guide” for university-wide common schedule (JAIST website: Home >Education>Taking Courses>Degree Completion Guide)

### Master's students

Students are expected to have defined their research theme, grounded in existing literature, by the time of laboratory assignment to ensure timely data acquisition and analysis. Those conducting experiments aim to design their study—pre-defining sample size and statistical methods—and complete data acquisition within the first year. Similarly, students undertaking computer simulations or social data analysis should make substantial progress during their first year, ideally yielding results sufficient for presentation at conferences. The second year focuses on conducting follow-up experiments and further data analysis. Students aspiring to doctoral programmes aim to substantially complete their Master's thesis approximately four months before graduation, with the ideal goal of submitting their findings to an academic journal.

### PhD students

Students entering the doctoral programme are presumed to possess a solid foundation in research, allowing them to proceed with their projects steadily. The fundamental objective is to complete one research project per year, aiming to have finalized three interrelated studies by the time of completion.