

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.

氏名 / name : Kazuhiro Ogata 役職 / official position : Professor

1. 研究テーマ / Research Theme
Laboratory on Formal Methods and Trustworthy Software
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.
You can mainly develop skills in abstraction and logical thinking. By acquiring these abilities, you will be able to explain complex phenomena clearly and concisely, using plain language and well-structured reasoning.
3. 研究指導方針 / Research Guiding Principle
Whether you aspire to become a researcher who creates and discovers new knowledge, or an engineer who develops technologies and products that can transform our society, mastering the fundamental subjects is indispensable. For this reason, master's students are encouraged to select a research project and to take a broader range of related courses. In the first year of the master's program, students are expected to concentrate primarily on coursework. The choice of a research project is, in principle, left to the student's own initiative, though we provide consultation and can suggest several possible topics. Doctoral students, on the other hand, are treated as independent researchers in their own right.
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 : laboratory seminar <input type="checkbox"/> 月次活動 / Monthly Activities : <input type="checkbox"/> 不定期活動 / Occasional Activities : paper presentation at international conferences
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)
Laboratory Orientation for New Students (April to June, October to December) Writing papers for international conference submission (August to October, February to April): Master's students are recommended to write papers so that the students can submit them to international conferences by around the middle of the second year of the master's program. Writing a paper typically requires several months of work, though the exact duration depends student. Those considering advancement to the doctoral program are expected to submit a paper to an international conference before entering

the doctoral program. Doctoral students are required to submit at least one paper per year to an international conference and to present their work at the conference. Writing papers for submission to international journals (December to February, June to August): Once a paper has been accepted by an international conference, the research should be further advanced and the paper expanded into a version suitable for submission to an international journal. Doctoral students are expected to submit at least one paper per year to an international journal.