

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
Safe domain- savvy AI for reliable human–AI synergy
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.
Through studying, for instance, generative AI, and idea of blending knowledge in human-understandable form and machine-understandable form to achieve consistent and creative results, students shall obtain knowledge of currently developed methods/technologies and understanding of the methodological evolution of communication with Generative AI systems and be able to utilize available methods/technologies for solving problems and think about new problems and new methods.
3. 研究指導方針 / Research Guiding Principle
In group study/research, students will learn to express/defend their own ideas, find themselves what relevant literatures are needed and build a solid background, have a sense of contributing to a great goal, and with - Confidence to conduct independent, new, and challenging research, - Resilience when tackling challenging problems, - Activeness to collaborate with others (research projects, shared tasks, competitions).
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 : Short greetings/discussions to keep in touch of lab members' situation <input type="checkbox"/> 週次活動 / Weekly Activities : Seminars or group discussions for exchanging ideas <input type="checkbox"/> 月次活動 / Monthly Activities : Students having in-depth research progress presentation and their plan for publishing their work (attending conferences, submitting journal articles). <input type="checkbox"/> 不定期活動 / Occasional Activities : Attending joint lab seminars, workshops/conferences, internships, future career path discussions
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 newly admitted students for being familiar with the lab activities, lab communication channels, and lab culture. - Discussions regarding research theme and research proposal preparation for students to

have a vision of their research and to make their research plan together with their studying plan. This will be conducted as early as possible after the students' admission to the lab.

- Discussions regarding minor research project, internship for making sure it is suitable for students to complete their program and contribute to their knowledge, skills, and achievements, particularly their main research.

- Discussions regarding thesis drafting for ensuring students' awareness of thesis quality requirements. This will be conducted before the final year.

- Rehearsal for thesis defenses for ensuring that the students are ready for the final stage. The rehearsal will be conducted at least once and repeated for improvement. This will be conducted about one to two months before the defense date.