

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

This laboratory conducts research in the field of **Service Science**, focusing on how organizations create and deliver value through service systems and knowledge exchange. The research is guided by key concepts such as **service design**, **Service-Dominant Logic (S-D Logic)**, and **Creating Shared Value (CSV)**.

The laboratory explores how organizations effectively utilize resources, collaboration, and knowledge to generate value for stakeholders and society. Another research focus is the role of **education sciences** in developing value-creating capabilities.

Students conduct social science research, including case studies of emerging service systems and organizational practices, to understand mechanisms of service innovation and value creation.

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 laboratory education, students are expected to acquire advanced knowledge, research skills, and professional attitudes related to service science, management, and social science research.

First, students will develop a strong theoretical understanding of service science, including concepts such as service design, Service-Dominant Logic (S-D Logic), and creating shared value. They will learn how these theories can be applied to analyze value creation processes in organizations and society.

Second, students will acquire research skills necessary for conducting academic research. These include the ability to identify research problems, conduct critical literature reviews, collect and analyze qualitative or quantitative data, and apply appropriate social science research methods.

Third, students will develop structural thinking skills that enable them to identify important problems and propose feasible solutions. Students will also learn logical academic writing and develop the ability to present research findings clearly in seminars, research reports, and academic papers.

Finally, students will cultivate professional research attitudes such as independent thinking, active participation in academic discussions, collaboration with researchers from diverse disciplines, and adherence to research ethics. Through these competencies, students will be able to design and conduct high-quality research and contribute to academic and practical knowledge in service-related fields.

3. 研究指導方針 / Research Guiding Principle

The laboratory encourages students to think independently and deeply about their research topics. The educational and research policy is to support students in developing their research ideas through continuous discussion, academic guidance, and collaborative learning.

Students are encouraged to actively participate in seminars, present their research, and engage in scholarly discussions to refine their analytical perspectives. The laboratory also promotes reading and discussion of key academic literature to strengthen students' understanding of social science research.

Through these activities, the laboratory aims to cultivate strong research capabilities, critical thinking, and academic communication skills in service science and related fields.

#### 4. 研究室活動の内容及び方法 / Content and Methods of Laboratory Activities

日次活動 / Daily Activities : Independent research activities such as literature review, data collection, data analysis, and preparation of research reports and academic papers (5 times per week).

週次活動 / Weekly Activities : Laboratory seminars for research presentations and discussions (1 time per week). Individual research meetings with the supervisor to discuss research progress and provide academic guidance (1 time per week).

月次活動 / Monthly Activities : Research progress review meetings to evaluate research development and provide feedback (1 time per month). Joint seminars with other laboratories on campus to exchange research ideas and promote interdisciplinary discussion (1 time per month).

不定期活動 / Occasional Activities : Book-reading sessions on key academic literature (1 time in several weeks). Participation in academic conferences and workshops (1–2 times per year).

Attendance at research presentations by other laboratories and preparation for conference presentations or thesis submission (as required).

#### 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 (Month April): Introduction to the laboratory’s research themes, policies, and expectations. M1 students begin exploring research topics and preparing their research plans under the supervisor’s guidance.

Laboratory Seminars and Research Presentations (Month May – January): Weekly seminars where students present research progress and receive feedback from the supervisor and laboratory members.

Reading Sessions and Research Discussions (Month June – December): Periodic book-reading sessions and discussions to strengthen understanding of service science theories and social science research methods.

Participation in Workshops and Research Meetings (Month September – November): Participation in academic workshops and research meetings. M1 students are encouraged to attend, while M2 students participate as presenters when possible.

Thesis Presentation Preparation (Month December – January): Internal presentation rehearsals and guidance sessions for thesis completion.