Courses offered

- Courses offered by the departments
- Doctoral Orientation Days
- Information security and data protection for students at Aalto University
- Research ethics for doctoral students, LC-L1010 (2 ECTS)
- Transferable skills and competences
  - Self-study courses on transferable skills
  - Scientific writing and communication
  - Pedagogical studies
  - Project management and research funding
  - Entrepreneurship
- Career planning and competence development

Courses offered by the departments

- Department of Applied Physics
- Department of Computer Science
- Department of Industrial Engineering and Management
- Department of Neuroscience and Biomedical Engineering
- Department of Mathematics and Systems Analysis

Search for current courses - the Aalto University course catalogue

Courses at Aalto University - MyCourses (all courses) and School of Science courses in MyCourses

See also study cooperation agreements of Applied Physics (quantum technology) and Computer Science with University of Helsinki

Doctoral Orientation Days

- Joint orientation for all Aalto new doctoral students
- Organized in September, January and June. Invitation to the event will be sent separately. Next orientation 5-6 September 2022.
- Online material in MyCourses

Information security and data protection for students at Aalto University

Information security and data protection are important aspects of cyber security. Cyber security risks are also valid and recognized in Aalto. Students need to know how to stay protected from phishing attempts and digital threats and to ensure important files, like thesis stay secured.

Student's information security and data protection online material can be accomplished either in English, Finnish or Swedish.

Research ethics for doctoral students, LC-L1010 (2 ECTS)

- An online course including two compulsory workshops for doctoral students at Aalto University.
- Recommended for first or second year doctoral students
- The course is organized two times during the academic year 2022-2023: 30.9.2022–31.10.2022 (workshops on 6.10.2022 at 14.15–18.00 and 17.10.2022 14.15–18.00) and 17.3.2023–17.4.2023 (workshops on 29.3.2023 14.15–18.00 and 5.4.2023 14.15–18.00).

Transferable skills and competences

Self-study courses on transferable skills

Self-study courses for doctoral students provided by the Finnish Doctoral Education Network.

- Open Science, LC-L1011 (1 ECTS)
- Business Skills for Doctoral Students, LC-L1012 (1 ECTS)
- Career Course for Doctoral Students, LC-L1013 (1 ECTS)
- Interactive Leadership Skills for Doctoral Students, LC-L1014 (1 ECTS)
- Project Management for Doctoral Students, LC-L1015 (1 ECTS)
- Writing Research Grant Applications for Doctoral Students, LC-L1016 (1 ECTS)
- Research Ethics (1-2 ECTS). This is also provided as a normal course with teacher Henriikka Mustajoki twice a year.
Although the courses are completed as independent study, it is recommended that you start in the beginning of each semester to be able to schedule the joint coursework simultaneously with other Aalto doctoral students. You can access the courses through HAKA login with your Aalto access codes but you need an access code to enroll on a course. Please contact Minna Söderqvist (minna.soderqvist@aalto.fi) to obtain the access details as well as to inform her once you have completed all the exercises to obtain your study credits (ECTS).

Scientific writing and communication

- Aalto University Communication courses for doctoral students offered by the Language Centre
- Please note: Courses in Finnish for international students cannot be included in the doctoral degree
- Nervous about a conference presentation or a speech? Check out the Aalto University Speech Clinic
- Need help with academic writing in English? Check out the Aalto University Writing Clinic

Pedagogical studies

- Pedagogical training in Aalto (requires Aalto password).
- Pedagogical studies can be included in the General research studies module. Doctoral students can take individual courses or a module up to 25 ECTS. In this case, the maximum amount of 20 ECTS in General research studies -module can be exceeded. (Doctoral Programme Committee 21.8.2012).
- Take a look at https://unips.fi: It is a digital learning solution for university teachers and doctoral students to study university pedagogy. The pages contain e.g. modules for self-study on all kinds of topics related to teaching.

Project management and research funding

- More information about future events and trainings (requires Aalto password).

Entrepreneurship

- Aalto Ventures Program (AVP) offers courses in entrepreneurship. Doctoral students are welcome to join the courses.
- Entrepreneurship and start-ups in Aalto University.
- EIT Digital Innovation and entrepreneurship (I&E) program for doctoral students in the field of ICT gives knowledge and competences to start new businesses and to launch new products and services.

Career planning and competence development

- HR offers support for career planning and competence development through workshops and other events (requires Aalto login)