Sámi allaskuvla

Curriculum

Duodji and technology

DUO-1900

10 ECTS credits

Approved by Sámi University College`s research and academic board 20.10.2026 in case DOS 29-26.

Birge-jupmi

Funded by the European Union

1. Name of subject

English: Duodji and technology
Sámegillii: Duodji ja teknologiija
Norsk: Duodji og teknologi

2. General information on the course

Course code: DUO-1900
Scope: 10 ECTS credits
Level: Bachelor, basic subject
Over how many semesters: 1
Course provision: Online-supported teaching: The course includes both in-person sessions and online teaching. The in-person sessions can also be attended online.

3. Inclusion in studies

The course is an elective component of the Bachelor's Programme in Duodji and Design and is also available to students who are not enrolled in the programme. The course may, upon separate application, be approved as part of a bachelor's degree programme.

4. Entry requirements

Higher Education Entrance Qualification. A list of the requirements for the Higher Education Entrance Qualification in Norway can be found on the web site from the Norwegian Agency for Quality Assurance in Education (NOKUT). For language requirements we refer to NOKUT's GSU-list.

Admission may also be gained by means of other qualifications recognized as being on a par with the Higher Education Entrance Qualification, such as recognition of prior learning and work experience. The requirement for English proficiency also applies to applicants applying based on prior learning and work experience.

5. Language of instruction and exam

The instruction is provided in English. Assignments and exam can be given in English or Sámi language.

6. Content

The course explores duodji and technology through Sámi ways of making, designing and solving practical needs. The starting point is meahcci and other local environments where knowledge of materials, tools and conditions is essential for everyday work and traditional livelihoods.

Students work with traditional and contemporary materials, tools and technologies and learn how they can be used and combined in practical design and making. The course includes craftsmanship, material knowledge, two- and three-dimensional design, digital tools and technological experimentation.

The course emphasizes practical skills, creativity and developing useful solutions for Sámi livelihoods and life in forest, tundra, coastal and other low-infrastructure environments.

The course consists following areas of study:

1. Traditional duodji
   Materials, tools, techniques and knowledge related to traditional duodji.
2. Duodji, technology and Sámi material culture
   The role of Indigenous craft and technology in remote areas, livelihoods and contemporary life.
3. Materials, tools and technologies
   Practical use of available materials, traditional and contemporary tools, digital design and AI. Students explore how technologies can support practical problem-solving, design and making. Ethical use of AI in Indigenous contexts is introduced.
4. Practical duodji and technology projects
   Students design and make a practical solutions by combining duodji knowledge, materials, tools and appropriate technologies.

7. Learning outcomes

After successfully completing the course, the student has achieved the following learning outcomes:

Knowledge:
The student

- has knowledge of how Sámi craftsmanship and contemporary technology are used and combined in meahcci, remote areas and traditional livelihoods.
- has knowledge of the role of Sámi duodji and technology in supporting survival, adaptation and everyday life in environments like meahcci and remote coastal areas.
- has knowledge of locally available materials and tools and how they can be adapted and used for practical needs
- has knowledge of Sámi and Indigenous approaches to AI and its ethical use

Skills:
The student

- can combine traditional duodji techniques with contemporary technologies, such as ávnnasteapmi, soldering, digital design and programming..

- can apply ávnnasteapmi by collecting and using local natural materials together with contemporary production techniques.
- can present, discuss and evaluate Sámi and Indigenous craftsmanship and technological solutions
- can use AI as a tool in Sámi and Indigenous creative processes

General competence:
The student
- can design and/or make practical objects and tools for everyday needs
- can apply Sámi and Indigenous knowledge, craftsmanship and technology to practical needs in meahcci and remote coastal environments.
- can contribute to theoretical and practical discussions on how Sámi and Indigenous craftsmanship and technology respond to changing local and coastal environments

8. Teaching and learning methods

Online and video lectures, individual and/or group work, individual studies and supervisions.

Allaskuvla provides campus workshop for every course student. In cases where students wish to study in their own localities and complete practical components there, student needs to choose and tune obligatory assessments the way which can be assured to be safe. In this case crafting and technological environment and tools will be assessed and needs acceptance by institution. Handling of these cases are limited to base on and handled through Norwegian law and norms.

9. Conditions for taking exam

There are two (2) compulsory assignments which follow areas of study and which together form portfolio. Portfolio needs to be accomplished and sent in in given time. Both assignments have practical and written (theoretical) part. The process and final products of the practical assignments must be documented with photographs or video or other visual ways so that the work can be properly assessed.

The assignments may also be completed through group work. If the group consists of two people, the theoretical section should be double in length, and the practical part needs to be also wider where both peoples part of the work can be identified.

Portfolio based on assignments need to be accomplished in given time. The portfolio includes
- 1st assignment: A 300-word or one-page description of the information gathering, planning, work process and finalized work, supported by visual material.
- 2nd assignment: A 300-word or one-page description of the information gathering, planning, work process and finalized work supported by visual material.

The study coordinator decides whether the student is allowed to participate in the exam. The assignments must have been evaluated and accepted before the examination.

10. Examination

The evaluation is based on portfolio, where are given assignments. The portfolio is assessed following way:

1) Written/theoretical parts. Weight 25% of the final grade
2) Practical (part) works where duodji and technology are implemented. Weight 75% of the final grade

The exam may also be completed through group work.

Grading scale: A graded scale A-F, where A is the top grade and F is the failing grade.

11. Is it possible to take the examination without enrolling on the course?

No.

12. Quality assurance

We refer to the Quality Assurance System of Sámi University of Applied Sciences and the regulations on the students' rights and responsibilities for assessing the quality of education and services provided by Sámi University of Applied Sciences. Students are obliged to participate in assessments as part of the Quality Assurance System.