

COURSE SYLLABUS

Learning, Digitalization, and Sustainability, 7.5 credits

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Course Code:	L2LDAS	Education Cycle:	Second-cycle level
Confirmed:	May 21, 2026	Disciplinary domain:	Social sciences
Valid From:	Aug 31, 2026	Subject group:	Education
		Specialised in:	A1N Second cycle, has only first-cycle course/s as entry requirements
		Main field of study:	Education

Intended Learning Outcomes (ILO)

On completion of the course, the student should be able to:

Knowledge and Understanding

- account for central concepts, theories, and methods in learning, digitalization, and sustainability
- present an overview of current research, development work and strategies for learning, digitalization, and sustainability
- compare and discuss concepts regarding sustainability and digitalisation in education policy documents

Skills and Abilities

- analyse and discuss how learning, digitalization, and sustainability can contribute to development
- compare and discuss different sustainability strategies within learning and digitalization and their implication for sustainable development
- apply sustainable, digital, and culturally diverse perspectives on learning
- discuss and problematise conditions for sustainable, digitalized education

Judgement and Approach

- identify and assess relevant social and ethical considerations in research and development work within learning, digitalization, and sustainability
- reflect on and discuss the roles of learning, digitalization, and sustainability researchers and their responsibilities towards society
- analyse and assess policy documents from learning, digitalization, and sustainability perspectives

Content

- Central concepts, theories, and methods in learning, digitalization, and sustainability contexts
- Sustainable, digital, and culturally diverse perspectives on learning
- Policy documents from sustainability and digitalization perspectives
- Research ethics

Type of Instruction

The teaching consists of lectures, seminars and exercises performed individually and in groups.

A learning management system is used.

Students who have been admitted to and registered for a course have the right to receive instruction/supervision for the duration of the time period specified for the particular course instance to

which they were accepted. After that, the right to receive instruction/supervision expires.

Language of instruction is English.

Entry Requirements

A bachelor's degree (i.e. the equivalent of 180 ECTS credits at an accredited university) with at least 90 credits in education or social sciences including independent work, i.e. a thesis or the equivalent. English proficiency is required.

Examination and Grades

The course is graded A, B, C, D, E, FX or F.

The examination is based on the intended learning outcomes.

The grades A, B, C, D and E are all passing grades. For courses with more than one element of examination, students are given a final grade based on an overall assessment of all the elements included in the course. The final grade of the course is issued only when all elements of examination have been passed.

The forms of examination are individual written examination and oral group examination.

The examination must allow for students to be assessed on an individual basis. Further information concerning assessment of specific intended learning outcomes and grading criteria is provided at the beginning of the course.

The course is examined through two examinations. For a passing grade on the entire course, both examinations must be passed. The grade on the individual written examination (A/B/C/D/E/Fx/F) weighs most heavily for the course grade.

Registration of examination:

Name of the Test	Value	Grading
Individual written examination ¹	6 credits	A/B/C/D/E/Fx/F
Oral group examination ²	1.5 credits	G/U

¹Determines the final grade of the course, which is issued only when all course units have been passed.

² The examination is graded U (Fail) or G (Pass).

Course Evaluation

The instruction is followed up throughout the course. A course evaluation is conducted at the end of the course. A summary and comments are published in the learning management system. The evaluation constitutes a basis for future improvements to the course.

Other Information

Students are guaranteed a minimum of three attempts to pass an examination, including the regular attempt.

If a student has failed the same examination three times, the student can request that the next attempt be graded by a new examiner. The decision to accept or reject such a request is made by the associate dean of education. A student may not make a second attempt at any examination already passed in order to receive a higher grade.

In case a course is terminated or significantly altered, examination according to the earlier syllabus shall be offered on at least two occasions in the course of one year after the termination/alteration.

The examiner has the right to give an adapted examination or let the student carry out the examination in an alternative way provided that the intended learning outcomes can be secured and that there are exceptional reasons for this, including the student's right to targeted study support.

Course Literature

Please note that the course literature may be revised up to eight weeks before the start of the course.

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Bäcke, Maria. (2022). Resisting Commodification: Subverting the power of global tech companies. Ed: Bagga-Gupta, S. Special issue. *Bandung: Journal of the Global South*. Vol. 9 (2022): Issue 1-2 (Feb 2022), 49-79. DOI: 10.1163/21983534-09010003

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Khan, Sunawar, Mazhar, Tehseen, Shahzad, Tariq, Rehman, Ateeq Ur, Saeed, Mamoon M., & Hamam, Habib (2025). Harnessing AI for sustainable higher education: ethical considerations, operational efficiency, and future directions. *Discover Sustainability* 6, 23, 1-18. DOI: 10.1007/s43621-025-00809-6

Leroy, Michel (2021). Sustainability: Going Beyond the Buzzword. *Forum Media and Development* (1-34). https://fome.info/wp-content/uploads/2021/11/Media-Dev-Research-Reviews-3-Sustainability_1-1.pdf

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Ross, Jen (2017). *Speculative method in digital education research*. *Learning, Media and Technology*, 42(2), 214-229, DOI: 10.1080/17439884.2016.1160927

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Selwyn, Neil (2024) Digital Degrowth: Toward radically sustainable education technology, *Learning, Media and Technology*, 49:2, 186-199, DOI: 10.1080/17439884.2022.2159978

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Citing Sources – How to Create Literature References

<https://ju.se/library/academic-language/reference-management.html>

Sourcewise: A Student's Guide to Avoiding Plagiarism

Information about plagiarism at higher education institutions

Available in the learning management system