Digital Curation 7.5 credits
B7007N

Digitalt bevarande

Course syllabus admitted: Autumn 2019 Sp 1 - Present

DECISION DATE
2019-02-15

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Digital Curation 7.5 credits B7007N

Digitalt bevarande

Second cycle, B7007N

Education level	Grade scale	Subject	Subject group (SCB)
Second cycle	U G VG *	Informationsteknik	Computer Technology

Entry requirements

Minimum 120 ECTS of university studies including 60 ECTS in the areas of Computer Science, Systems Science, Archival Science or Library and Information Science.

Selection

The selection is based on 30-285 credits

Examiner

Jörgen Nilsson

Course Aim

The student will be able to:

- Apply digital preservation concepts and models, including characteristics and activities, to describe digital preservation scenarios
- Analyse and describe problems and possibilities related to long-term digital preservation.

Contents

The students are introduced to the field of long-term digital preservation, and the concepts and models that are common in digital preservation. The course covers preservation concepts such as format, significant properties, integrity, authenticity and content types. The course also introduces models that are used in digital preservation, such as the Open Archival Information Systems (OAIS) model, which is widely used as a reference model in work with digital preservation, and therefore is good as a common base for discussions. Upon completion of the course, students will be familiar with generic concepts in digital preservation and, with the OAIS model as a foundation, have an understanding of contextual problems and possibilities.

Realization

Each course occasion´s language and form is stated and appear on the course page on Luleå University of Technology's website.

Teaching is online for distance students or on campus for the students living here. IT support: Learning management system, video conference system, e-mail and phone.

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Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided.

The written exam allows student to show their ability to analyze long-term digital preservation situations and apply digital preservation concepts and models. All students, both campus and on distance, take the written exam online. Web cam and microphone is required.

Individual assignments let students connect the general digital preservation issues to their own contexts.

Group assignments are used to analyze and describe long-term digital preservation scenarios as well as to apply concepts and models to these scenarios.

Remarks

Technical Requirements: access to a computer, microphone, Web cam and permission to install software. Internet connection (minimum 0,5 Mbps).

Literature. Valid from Autumn 2018 Sp 1

Primary literature
Practical Digital Preservation: A how-to guide for organizations of any size
Av Adrian Brown
2013
Facet Publishing (London)
ISBN 9781856047555 (paperback)
ISBN 9781856049627 (electronic).
Available as e-book at LTU Library

Reference book
Giaretta, David (2011). Advanced Digital Preservation, Springer-Verlag, Berlin, ISBN 9783642168086 (Hardback), 9783642168093 (electronic)

Course offered by

Department of Computer Science, Electrical and Space Engineering

Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0001	Individual assignment report	U G#	1.5	Mandatory	A11	
0002	Group work	U G#	2	Mandatory	A11	
0003	Written exam	U G VG *	4	Mandatory	A11	

Last revised

by Jonny Johansson, HUL SRT 2019-02-15

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Syllabus established

by Harriet Nilsson 2010-11-19

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