SYLLABUS

Maintenance of digital archives 7.5 credits B7002N

Förvaltning av digitala arkiv

Course syllabus admitted: Autumn 2010 Sp 1 - Autumn 2011 Sp 1

DECISION DATE
2010-02-19

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Maintenance of digital archives 7.5 credits B7002N

Förvaltning av digitala arkiv

Second cycle, B7002N

Education level	Grade scale	Subject	Subject group (SCB)
Second cycle	U G VG		Computer Science

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

Ann Hägerfors

Course Aim

The student will be able to

- Evaluate, analyze and design preservation strategies for different types of institutions
- Evaluate, analyze and design organisation of repositories for different types of institutions, as well as management of said repositories

Contents

The course covers and discusses several implementations of digital repositories (e.g. dSpace, Fedora), as well as organisation and maintenance of such repositories. The student acquires understanding of different preservation strategies, such as migration and emulation, and how different content types may influence the choice of strategies. The student also acquires knowledge on management of digital repositories as well as management of digital curation organisations, and how this influence preservation strategies, or vice versa.

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 in English and on Internet for distance students or at campus for the students living here. IT support: Learning management system (Fronter), 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.

Written exam allows the student to show proficiency in evaluation and analysis of digital preservation strategies, organisation of repositories, and management of repositories.

In group assignments the student evaluates, analyse and design digital preservation strategies, organisation and management of repositories.

Remarks

Technical Requirements: Access to PC with Windows XP, microphone, Web cam and permission to install software. Internet connection (minimum 0,5 Mbps). Students must register to the courses themselves or contact the IES educational administration not later than 5 days after the quarter commences. Failure to do so can result in the place being lost. This also applies to the students with a place guarantee.

Literature. Valid from Autumn 2009 Sp 1

Will be announced later.

Course offered by

Department of Computer Science, Electrical and Space Engineering

Items/credits

Number	Type	Credits	Grade
0001	Written exam	4	U G VG
0002	Group work	3.5	U G#

Study guidance

Study guidance for the course is to be found in our learning platform Canvas before the course starts. Students applying for single subject courses get more information in the Welcome letter. You will find the learning platform via My LTU.

Last revised

by 2010-02-19

Syllabus established

by Institutionen för industriell ekonomi och samhällsvetenskap 2009-02-22

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