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Scientific Information (0,5 EC)

After this course you will be able to:

- develop systematic search strategies for finding scientific information,
- identify and select appropriate sources for referring and informing purposes in research and,
- appropriate use reference management tools for organizing and managing information.

Option A: Full course by expert trainers (total workload: 14 hours)

You attend the full course which consists of a whole day session (8 hours) with the trainer and assignments. There are three assignments involved (6 hours), the first one is done as preparation for the session. The course is attended by doctoral candidates of several faculties.

As completion evidence, you upload the course certificate into the doctoral monitoring system.

Option B[1]: Self-study course and practice under the supervision of your (co)promotor (total workload: 14 hours)

Part 1: You either 1) carry out self-study on the topic using material such as that of the University of Twente's Information Literacy Microlectures (workload of 3 hours plus 3 hours preparing, performing and evaluating practice searches; free access) or 2) follow the online self-paced Coursera Academic Information Seeking course (workload of 6 hours; fee of 41 Euros not to be reimbursed by TGS).

Part 2: Under the supervision of your (co)promotor, you apply what you learned into a literature review/state of the art paper or manuscript chapter where you are first author. Your (co)promotor assesses whether you achieved the intended learning outcomes using the assessment form available in the following section.

As completion evidence, you upload one paper (or an unpublished manuscript chapter) where you were the author who performed the literature or state-or-the-art review in the monitoring system. You should also upload the assessment form filled in and signed by your (co)promotor.

[1] Check with your (co-)promotor whether your research group offers this option.

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(Co)Promotor Assessment Form of Intended Learning Outcomes

Scientific Information course - 'Option B'

Before completing this form, as promotor or co-promotor, please remember that your assessment reflects not only the progress of the PhD candidate but also your responsibility to uphold academic integrity. Signing off without thorough evaluation undermines the academic ethos the University of Twente stands for.

By competing this form, you confirm that you have carefully checked whether the PhD candidate has met the intended learning outcomes.

1. Basic Information

Candidate's first and last name: _____

M-number ID: _____

2. Instructions

For each of the intended learning outcomes listed in the following sections, please provide feedback and an overall rating.

2.1 Search strategies

The candidate is able to develop systematic search strategies for finding scientific information.

- Assessment criteria:
    - Clarity and relevance of search terms,
    - Refinement of the search process and,
    - Use of diverse search tools and databases.
- (Co)Promotor comments: _____
- Rating: [Good, Adequate, Needs Improvement]

2.2 Sources for referring and informing in research

The candidate is able to identify and select appropriate sources for referring and informing purposes in research.

- Assessment criteria:
    - Source relevance,
    - Alignment with research topic and objectives,
    - Credibility of sources,
    - Diversity of views and,
    - Balance of views.
- (Co)Promotor comments: _____

2 Rating: [Good, Adequate, Needs Improvement]

2.3 Reference management tools use

The candidate is able to use reference management tools for organizing and managing information.

- Assessment criteria:
  - Efficient organization of references,
  - Correct use of citation styles and,
  - Integration with word processing software (e.g. MS Word).
- (Co)Promotor comments: _____
- Rating: [Good, Adequate, Needs Improvement]

3. Overall Assessment

The candidate met the learning objectives: [Yes/No]

Brief explanation: _____

4. Signature

(Co)Promotor Name:

(Co)Promotor Signature:

Date: DD/MM/YYYY