

# Application Form for a Research Project in Science Education and Communication

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## *Graduate School of Teaching*

Use of this form is mandatory for all large research projects, notably final thesis work ("afstuderen"). It must be handed in by the student via email to the student point (studiepunt.educom@uu.nl), prior to starting the research project. The approved proposal (written for Research Methods 2) should be attached to this form.

Student	
Name of MSc programme	Science Education and Communication
First and last name of student	
Email address	
Student number	
Project supervisor (first examiner)	
Name and title (must be a Utrecht University staff member)	
Faculty, department and Research group (chair)	
Email address	
Daily supervisor Fill out this section only if the project supervisor is not the daily supervisor!	
Name and title	
Affiliation	
Address	
Telephone number	
Email address	

<b>Second examiner</b>	
<b>Name and title (must be a Utrecht University staff member)</b>	A second UU staff examiner is only mandatory for research projects of 30 ECTS or more. For smaller research projects or internships, the second examiner can be replaced by an internal or external expert.
<b>Faculty and Research group (chair)</b>	
<b>Email address</b>	
<b>Research project</b>	
<b>Title</b>	
<b>Location</b>	[Address of the UU research group, or the name of the external host institute. In the case of an external host institute, please also fill out the 'work placement agreement'.]
<b>Starting date</b>	
<b>Ending date</b>	
<b>Number of ECTS</b>	
<b>Short description of the project, including aims</b>	Instead of a description of the project attach the approved research proposal to this form.
<b>Agreements between student and supervisors</b>	
<b>Number of hours available for supervision</b>	
<b>Planning/timing of the supervision (e.g. 'weekly meetings')</b>	
<b>Agreed student work load (e.g. full time, 4 days/week, etc.)</b>	
<b>Student absence (holidays, courses, etc.)</b>	
<b>Supervisor absence (holidays, conferences, etc.)</b>	
<b>Intermediate evaluations of student performance (specify at least two dates)</b>	
<b>Presentations to be held (one at Flsme is obligatory)</b>	
<b>Lab/group meetings to be attended</b>	

<b>Other activities agreed upon</b>	
<b>Primary assessment criteria</b>	see appendix
<b>Copyright</b>	
<p>By signing this document, the student declares to transfer the copyright of any and all products, including the tangible and intellectual products, of the research project to Utrecht University. The rights of the student by scientific standards to be a co-author of publications or to be otherwise acknowledged are still recognized.</p> <p>The student is allowed and must upload his final assessed thesis to the university publication archive IGITUR. At a later stage, the thesis may be made public via IGITUR, or its access may be restricted temporarily or indefinitely.</p>	
<b>Signatures</b>	
<b>Student</b> <i>Signature and date</i>	
<b>Project supervisor</b> <i>Signature and date</i>	
<b>Research projects coordinator</b> <i>Name, signature, and date</i>	

*Student, please hand in this form with three signatures and the approved research proposal (written for Research Methods 2) via email to the student point (studiepunt.educom@uu.nl).*

## **Appendix: Assessment criteria research projects in science education and communication**

### **Criteria for the assessment of research projects are as follows:**

Proposal, paper and presentation are in English

Research Process (15%): Summative process evaluation

- The student is capable of producing valid and reliable data by adequate application of research methods
- The student is capable of formulating steps in further development of his or her capacities
- The student shows independent and creative thinking and planning.

Public presentation (15%)

- The student is capable of giving a well-structured, correct, complete and clear presentation of the research
- The student is capable of choosing appropriate and effective media
- The student is capable of giving an effective and attractive presentation.

Research paper (70%): Product evaluation (this part is also reviewed by a second examiner)

- The student is capable of anchoring his or her project in the domain of science or mathematics education or communication
- The student is capable of analyzing and reporting research data
- The student is able to write a coherent and consistent empirical research paper, with a clear chain of reasoning, and valid conclusions based on the results
- The student can write in a clear scientific style and makes correct use of language.