Research master
Child Development and Education

14 February 2019

Child Development and Education

• Content
  • Research into education (school research, learning disorders)
  • Research into child development (parenting, development, family support, psychopathology)
• Programme
  • Instruction in research
  • Practice in research
• Outlook after the research master
• Application
  • Procedure, admission criteria
Your starting point

- You are
  - Nearing completion of or have completed your bachelor degree of pedagogical sciences, educational sciences, psychology
- You want to
  - Continue your studies after the BSc degree
  - Find a suitable and challenging next educational track
  - That is related to child development and education
- You have
  - An interest in research related to child development and education
  - That has both theoretical and real life impact

Educational sciences: Issues

- What is the best way to deliver education?
- What does that take for
  - educational policy
  - the child
  - the teacher, school system
  - the relationship between the child and teacher?
- How can we deal with educational challenges?
  - Diversity in the classroom
  - Learning disorders
  - Socio-emotional disorders
- How can we assess whether changes and interventions work?
Child Development: Issues

- What is the typical path of child development?
- How does the environment influence child development?
  - Culture, socio-economic status
  - Area that child grows up in, school
  - Family
- How does parenting influence child development?
- What if a child doesn’t show typical development?
  - Learning disorders, behavioural disorders (psychopathology)
  - Self-perception
- How can we best support child development?
  - Parenting, family support, child support

Methods for research in child development and education: Issues

How can we measure what we want to measure reliably?

- Questionnaires
- Observations
- Networks
- Experiments / interventions
Our research master track: 2 years

• Core curriculum
  • Intervention research
  • Methods and statistics
  • Academic skills
• Specialisation in child development or education
  • Courses
  • Internship
  • Thesis
• Option of taking a clinical track (for Dutch students)

Educational sciences:
Training in the research master CDE

Research into education
• Micro-processes at school and learning
• Critical debates in education
• Educational innovation
• Foundations and philosophy of education
• (Option to take other courses after approval of Examination Board)
• Internship and thesis
Child Development:
Training in the research master CDE

Research into child development
• Family systems
• Developmental and parenting problems
• Criminal behaviour of juveniles
• Learning and social-emotional disorders
• (Option to take other courses after approval of Examination Board)
• Internship and thesis

UvA Family Lab
Methods for research in child development and education:
Training in the Research master CDE

- Methods and statistics in educational research
- Multilevel analysis
- Structural equation modelling
- Option to take courses on qualitative analyses from Communication Sciences, Social Sciences
- Option to take course on Meta-analysis from Psychology
- Internship and thesis

Internship/thesis: Wide range of topics

For instance:
Evaluation of intervention therapy at the Bascule
Evaluation of instruction programme of the Rijkmuseum
Evaluation of interventions for ADHD: mindfulness versus medication
Intergenerational effects of math anxiety
Relationship between listening comprehension and reading comprehension
Cross-cultural comparison of teacher-child relationships
Development of (positive/negative) shyness and social anxiety in children (singing performance)
Sleep interventions for babies
Meta-analysis of the Relationship Between Juvenile Psychopathy, Delinquency, and Recidivism
Social network models
**REGULAR ROUTE (EDUCATION): YEAR 1**

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**REGULAR ROUTE (EDUCATION): YEAR 2**

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<td>Learning and Social-Emotional Disorders (6)</td>
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**REGULAR ROUTE (CHILD DEVELOPMENT): YEAR 1**

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Science practitioner (for Dutch students)

- Next to regular route, option to take the clinical route
- Take courses from the Master Pedagogische Wetenschappen (Orthopedagogiek or Forensische Orthopedagogiek)
- Clinical internship
- Research assignment connecting research and practice, for instance:
  - Validation of questionnaire
  - Literature overview on compensatory facilities for dyslexia
  - Study into effect of wearables in helping children to cope with aggressive behaviour
  - Study into the cognitive skills and anxiety levels of monolingual and bilingual children with selective mutism

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### CLINICAL ROUTE: YEAR 1

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<td>Intervention Research (6)</td>
<td>Developmental and Parenting Problems (6) AND/OR.*</td>
<td>Learning and Social-Emotional Disorders (6) AND/OR:*</td>
<td>Criminal Behaviour of Juveniles (6)*</td>
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<td>From Diagnostics to Treatment (6) (master (Forensische) Orthopedagogiek)</td>
<td>Family Systems (6) OR: Criminal Behaviour of Juveniles (6)</td>
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*Students should choose two of these three courses, dependent on whether they choose the Orthopedagogiek or Forensische Orthopedagogiek direction.*
What happens when you start with the Research Master?

- Work hard!
  - Take classes, with assignments, exams
  - Study hard: Work in Research Master ‘office’ on same floor as ResMa staff
- Be part of the ResMa community and our department
  - Tight community with fellow Research Master students
  - Embedded in our department
  - Internship and thesis: supervision in research by qualified researchers
What does the research master CDE bring?

- Learn lots
- In a small group setting
- With devoted research master staff
- Option to study abroad
- Research assistant opportunities
- Sometimes contribute to
  - Conference papers
  - Research papers
  - Ongoing external research projects

Outlook after the research master CDE?

- Research
  - At university: PhD
  - At non-profit organisations, in business, at the government
- Clinical work
  - Clinical researcher, science practitioner
- Policy
  - At national or local government
Job positions of our alumni

- Research @ university
- PhD student → Post-doc researcher → Assistant professor
- Other (research) jobs
  - Clinician / science-practitioner
  - Policy adviser ministry of Social Affairs
  - Researcher Kohnstamm Institute
  - Researcher Inspectorate of Education
  - Assessment / exam expert
  - Policy adviser Primary Education Council
  - Teacher (primary school, university)
  - And many more…

Application: Procedure and criteria

Procedure

- Application file → [www.uva.nl/rmsc-cde](http://www.uva.nl/rmsc-cde)
- Interview

Criteria

- Bachelor degree
- Strong academic record, writing skills
- Elementary knowledge of methods and statistics
- Active and passive proficiency in English
- Interest, motivation, ambition to become a researcher
See you soon

In the research master Child Development and Education!

For more information:
rmcde@uva.nl
www.uva.nl/rmsc-cde