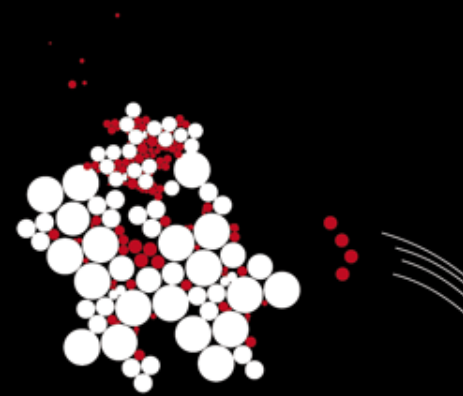
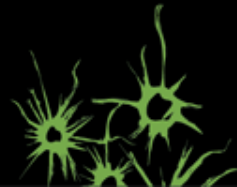


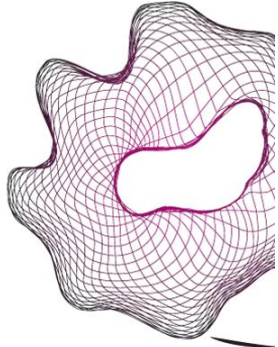
UNIVERSITY OF TWENTE.



# EDUCATIONAL SCIENCE AND TECHNOLOGY (EST)

NOVEMBER 2012





# POWERPOINT ONLINE

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[www.utwente.nl/owk/powerpoint](http://www.utwente.nl/owk/powerpoint)

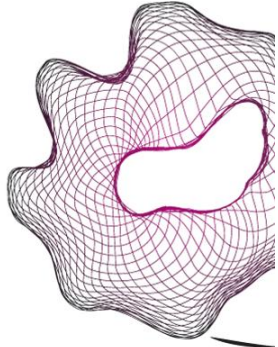




**WE ARE...**

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- Terri van Rossum (Student)
- Jessy Winkels (Student)
- Yvonne Luyten-de Thouars (Study counsellor)
- Jan Nelissen (Programme coördinator)
- Petra Fisser (Programme director)



# SCHEDULE

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First information round

What does the EST programme entail?

16.30 – 17.30

Student experiences

What does the Pre-master programme entail?

Second information round

17.45 – 18.45

Waaier

Information market

17.45 – 19.30

Zilverling



## WHAT DOES THE EST PROGRAMME ENTAIL?

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- Educational Science & Technology (EST) → MSc
- Academic, educative professionals.
- Three roles: designer, researcher and advisor.
- With regard to: education and training arrangements
- **'Scientist practitioner'** link scientific research and design with (professional) practice.



## WHEN YOU'RE GRADUATED...

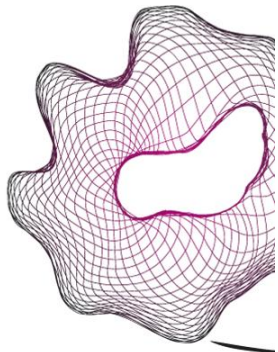
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You KNOW about the...

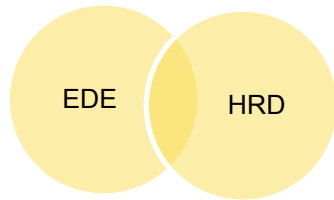
- ... factors that play a decisive role on quality of education and training;
- ... (sub)domain in which you practice;
- ... conditions for successful implementation of innovations in practice.

You ARE ABLE to...

- ... do research.
- ... analyze problems in practice (educational workfield and training practice).
- ... design, implement and evaluate of a (scientific) based solution.



# THE EST PROGRAMME

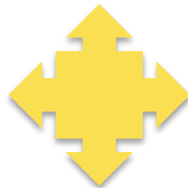
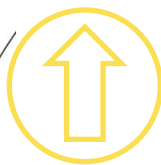


2 domains



2013-2014		
September	Oktober	November
December	January	February
March	April	May
June	July	August

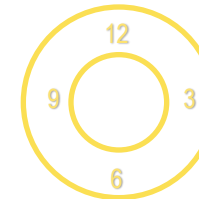
2 intakes



1 core course (10 EC)

4 electives (20 EC)

UNIVERSITY OF TWENTE.



1 year (fulltime)

2 years (parttime)





# FULLTIME PROGRAMME

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Quartile 1

Quartile 2

Quartile 3

Quartile 4

Trending topics in educational science and technology  
(10 EC)

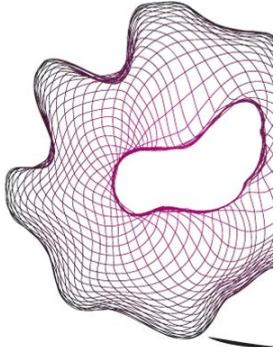
Research Proposal  
(5 EC)

Final Project  
(25 EC)

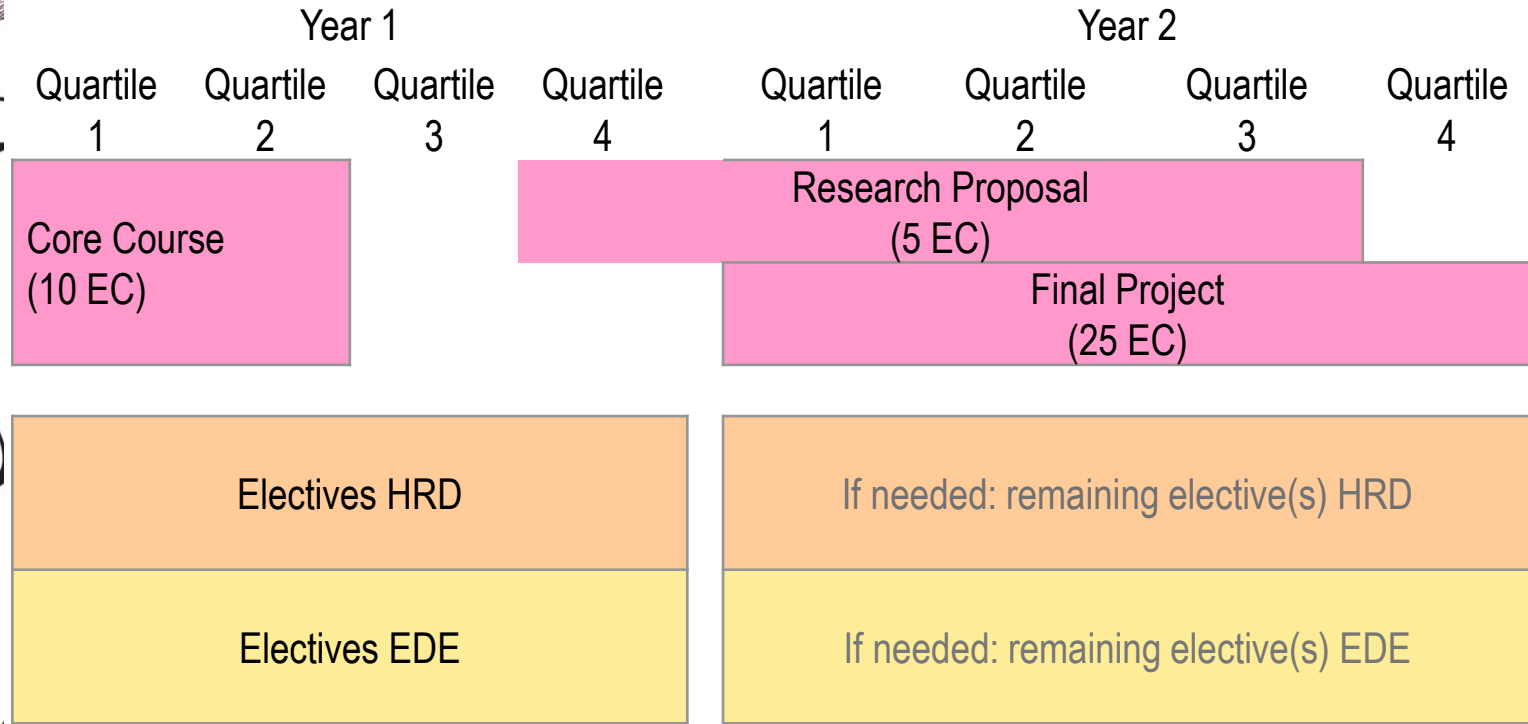
Elective courses on domain HRD

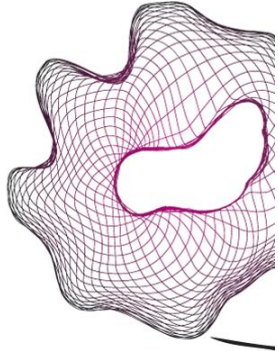
Elective courses on domain HRD





# PARTTIME PROGRAMME





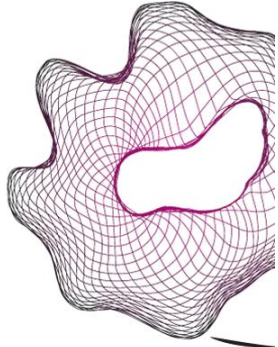
# CORE COURSE

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Compulsory course for all EST students:

## Trending topics

- talent management/talent development
- data-based instruction and decision-making
- lifelong learning skills
- twenty-first-century skills and the school of the future
- leadership for learning
- design research
- professional learning communities

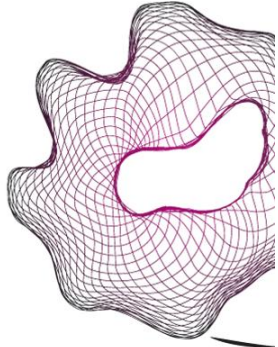


# HUMAN RESOURCE DEVELOPMENT (HRD)

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## Topics in HRD elective courses:

- Learning at work
- HRD design in live context
- Regulation and facilitation of workplace learning
- HRD consultancy in live context
- Designing and evaluating effective HRD interventions
- Leadership and organisational change



# LIFE AFTER STUDYING HRD

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ontwikkeling  
**ondernemer**  
**onderzoeker** training  
**e-learning** development **coaching**  
ontwerpen talentontwikkeling  
**organisaties** personeel volwassenen  
leren **adviesbureau** ICT bedrijfstrainingen  
informatietechnologie **leiderschap**  
**carrierebegeleiding**  
**on-the-job**



# EXPERIENCE TERRI

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- Importance of HRD in organizations
- Core course: Appreciative inquiry
- Learning at work
  - Work independently
- Designing and evaluating effective HRD interventions
  - Working in groups
  - Practical
- HRD Design in live context
  - Assignment for Knowledge centre Enschede (Municipality Enschede)





# EDUCATIONAL DESIGN & EFFECTIVENESS (EDE)

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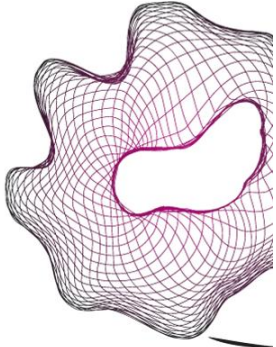
## Topics in EDE elective courses:

- Teaching and learning with ICT
- Curriculum innovation and implementation
- Assessment of and for learning
- Teacher learner and development
- Design in educational settings
- Monitoring and improving schools and educational systems



# AFTER STUDYING EDE





# EXPERIENCE JESSY

- Core Course:
  - Evaluating schools
  - Delayed school careers
- Curriculum innovation and implementation



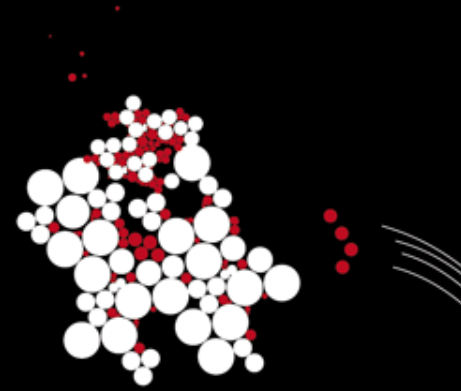
- Teaching & Learning with ICT

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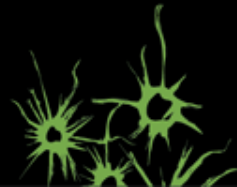


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**(PRE-)MASTER PROGRAMME AND ADMITTANCE  
EDUCATIONAL SCIENCE AND TECHNOLOGY**

Yvonne Luyten-de Thouars (study counsellor)





# CHARACTERISTICS OF EDUCATION AT UNIVERSITY

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- Higher level
- More study material
- Scientific research
- Answer the “why-question”
- Be critical and creative



# STRUCTURE PRE-MASTER AND MASTER PROGRAMME

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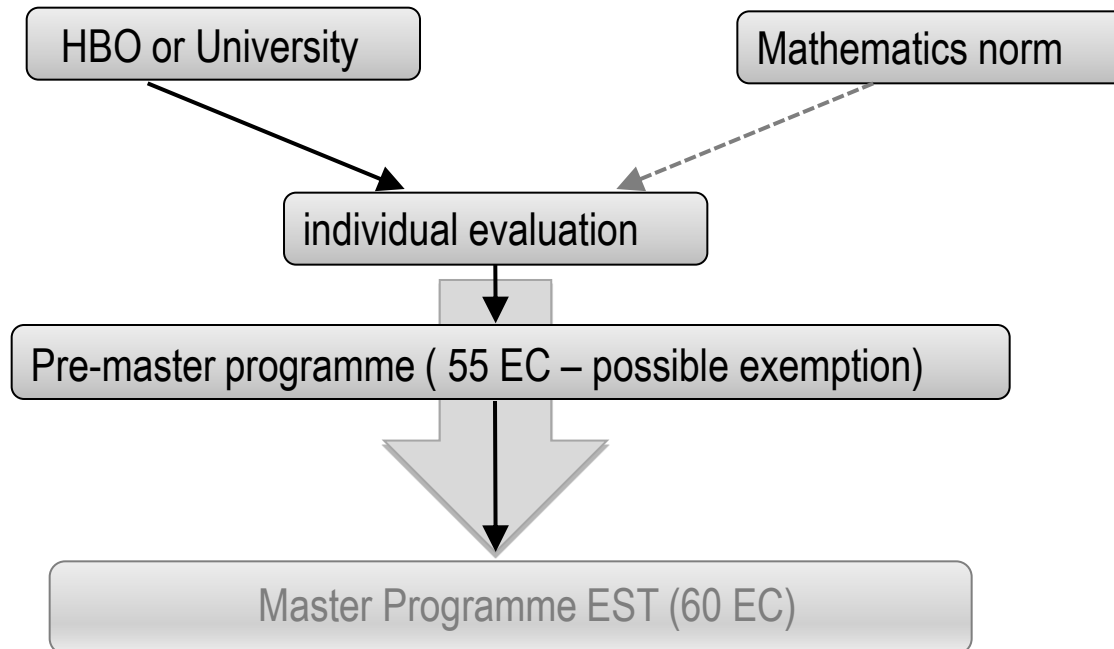
- In English
- **Pre-masterprogramme**  
Courses (55 EC\*)  
  
>> followed by >>
- **Masterprogramme EST**  
Courses (60 EC)





# INTAKE

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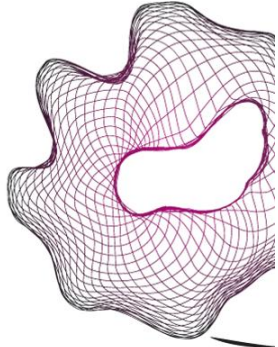
# APPLICATION

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<http://www.utwente.nl/master/how-to-apply/>



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# COURSES PRE-MASTER PROGRAMME

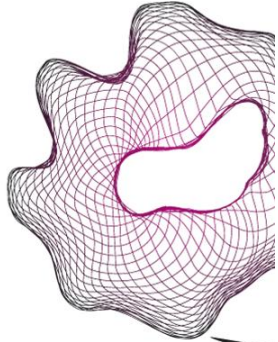
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## If you start in February 2013 – Full-time!

▪ Data-analysis and Measurement 1 + 2	10 EC
▪ Research Methodology	5 EC
▪ Academic Writing Pre-master	5 EC
▪ Educational Science + Project	15 EC
▪ Five domain specific courses	20 EC
	→ 55 EC

## If you start in September 2013

▪ Research Methods and techniques	10 EC
▪ Academic reasoning and writing	5 EC
▪ Educational Science + Project	15 EC
	→ 30 EC
▪ Educational Science; fundamentals and conceptual framework	<b><u>prior to start Pre-M</u></b>



## **FIVE DOMAIN SPECIFIC COURSES (20EC)**

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- Curriculum theory 4 EC
- Evaluation 4 EC
- Organisation theory 4 EC
- Management of education and training 4 EC
- HRD fundamentals 4 EC



# PREREQUISITES FOR ENTERING THE MASTER PROGRAMME

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- “Harde knip” : You finished ALL courses of the pre-master programme.

Mind the following!:

- You have a maximum of **three exam attempts** per pre-master course.
- Maximum period of enrolment in pre-master is **2 years** (also for part-timers!).

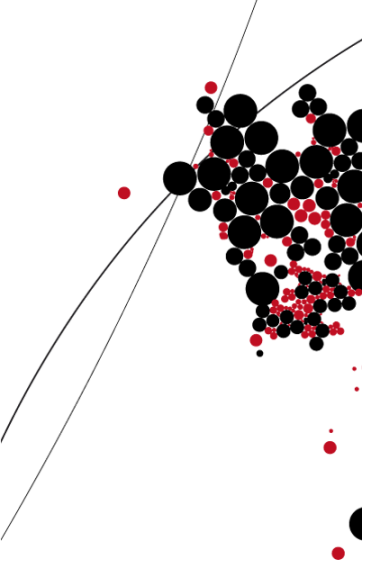


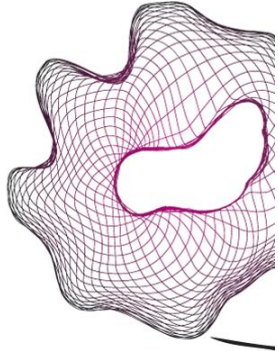




# PARTTIME STUDY

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- There is NO FORMAL part-time programme.
  - You do some courses in your first year and the remaining courses in your second year.
    - Part-time pre-master (2 years – no fixed days of education)
    - Part-time master (2 years – 2 fixed days of education: Monday + Tuesday)
  - Start programme in September or February
- 



## TUITION FEE

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### PREMASTER PROGRAMME

Fulltime	Academic year	2012-2013	€ 1771,-
		2013-2014	€ 1835,-* ( <i>without prejudice</i> )

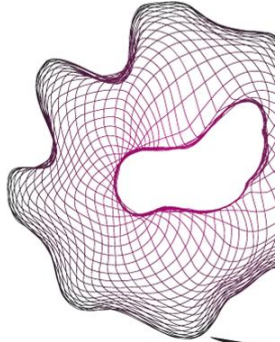
\*You can only subscribe as fulltime student at the pre-master programme.

### MASTER PROGRAMME

Fulltime	Academic year	2012-2013	€ 1771,-
		2013-2014	€ 1835,-
Parttime	Academic year	2012-2013	€ 1295,-
		2013-2014	€ 1342,-

EST as second master € 10.120,- (2012-13)

More information at [website UT](#).



## STUDY TRY-OUT DAY

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- You can experience life as an EST-student.
- You join an EST student for one whole day (in- and outside courses).
- You can subscribe at the stand on the information market or online on [www.utwente.nl/master/](http://www.utwente.nl/master/)

- Facebook Educational Science & Technology:
- [www.facebook.nl/onderwijskunde](http://www.facebook.nl/onderwijskunde)

The screenshot shows the Facebook interface for the page 'Onderwijskunde & Educational Science & Technology Universiteit Twente'. At the top, there are fields for 'E-mailadres' and 'Wachtwoord' with an 'Aanmelden' button. Below that, a green 'Registreren' button is visible. The main content area features a profile picture of a glowing DNA helix, a cover photo of a similar helix, and a list of posts. The first post is a text update from 'Minister doet concessies rond onderwijstijd'. The second post is a video titled '6e Lustrum der Dimensie'. The left sidebar contains navigation options like 'Prikbord', 'Info', 'Foto's', 'Evenementen', 'Video's', and 'Forum'. At the bottom of the page, there are three categories listed: 'EDUCATIONAL SCIENCE & TECHNOLOGY', 'PSYCHOLOGY', and 'COMMUNICATION STUDIES'.

▪ Questions?

▪ Ask them at  
facebook!

**UNIVERSITY OF TWENTE.**

**ANY QUESTIONS LEFT?**

**VISIT OUR STAND AT THE INFORMATION MARKET!**

