

Research Master (MSc) CAST Cultures of Arts, Science, and Technology

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16 March 2019

FASoS



What's special about CAST?

- Research master
- 2-year programme
- MSc degree
- Selective & excellent job prospective
- Clear and unique profile
- Dedicated and recognized staff
- No 1 in *Keuzegids Masters*
 - 2015, 2016, 2017, 2018



CAST as Top Rated Programme

Keuzegids Masters 2018

Instelling	Opleiding	STUDENTENoorDELEN										EXPERT		SCORE	
		Programma	Toetsing	Docenten	Wetenschappelijke vormin	Praktijkgerichtheid	Studeerbaarheid	Begeleiding	Faciliteiten	Ambitie	Toetsing en eindniveau	TOTAALSCORE	EINDoorDEEL		
Amsterdam UvA	System and Network Engineering	++	+	+	+	++	+	++	+++	+	+	90	+++		
Maastricht UM	Kunst- & cultuurwetenschappen (research)	++	+	+	+++	++	++	+	0	0	+	86	+++		
Rotterdam EUR	Filosofie (research)	+	++	+++	++	+	++	+++	-	0	0	86	+++		
Utrecht UU	Neerlandistiek (research)	++	++	++	+++	+	-	+	0	0	0	80	++		
Groningen RUG	Criminal Law and Criminology	+	--	++	0	0	++	+++	++	0	0	76	++		
Groningen RUG	Kunst- & cultuurwetenschappen (research)	0	0	++	++	-	0	+	+	0	0	70	+		
Amsterdam VU	Theologie & Religiewetenschappen (research)	0	+	0	+	0	+	+	0	0	0	68	+		
Groningen RUG	International Economic and Business Law	-	0	+	0	0	+	+	+	0	0	66	+		
Amsterdam UvA	Filosofie (research)	0	0	++	+	-	0	+	0	0	0	66	+		
Tias Business School	Executive Master of Management and Organization	+	0	0	+	+	+	--	0	0	0	64	0		
Maastricht UM	Biobased Materials	0	0	0	0	+	-	+	+	0	0	64	0		
Groningen RUG	Letterkunde (research)	0	0	0	+	-	+	+	0	0	0	64	0		
Tilburg TiU	Communicatie- & Informatiewetenschappen (research)	-	-	0	++	0	--	++	+	0	0+	63	0		
Tias Business School	Executive Master of Public and Non-profit Management	+	-	0	0	0	0	-	++	0	0	62	0		
Leiden UL	Theologie & Religiewetenschappen	-	0	+	0	--	0	+	0	0	0	58	0		
Amsterdam VU	Oudheidstudies	-	0	+	0	--	-	0	-	0	+	54	-		
Amsterdam UvA	Neerlandistiek	-	+	+	0	---	-	0	0	0	0	54	-		
Groningen RUG	International and Comparative Private Law	-	--	--	--	--	0	-	+	0	0	42	--		

The focus of CAST

In CAST we study how arts, science and technology critically **reflect** society and its challenges, as well as how arts, science and technology are **shaped** by society.

The ambition of CAST

- We study the interrelation of society with science, technology and art ...
- ... and thus how science, technology and art reflect, constitute and address societal issues and values ...
- ... such as
 - the authority of scientific knowledge (experts, expertise);
 - what technologies should do (responsibility, worldview);
 - how arts provides novel paths of thinking and doing ...
- ... to increase the capacity to address societal problems.

What is a research master?

- Training of all the competences of a **scientific researcher** in a specific field
- Field in this (CAST) case:
 - Study of and intervention in relations between society and Science, Technology and Arts
 - academic
 - political
 - Using philosophical, historical, sociological, anthropological, literary & arts perspectives

Why astudy CAST?

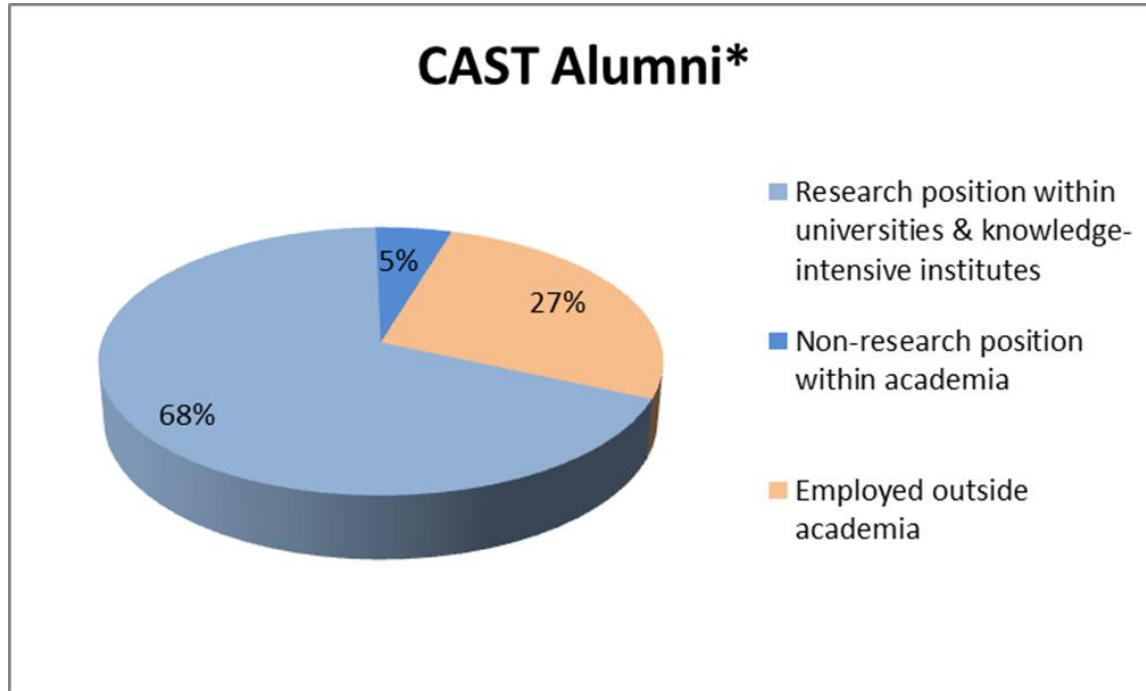
You should study CAST ...

1. When you are curious and have an inquisitive mind; when you are adventurous enough to leave trodden paths; when you are creative in asking questions about what science, technology and arts do in modern societies.
2. Because then you may:
 - want to be a researcher
 - in the interdisciplinary field of philosophical-historical-sociological-literary studies
 - investigating a very broad spectrum of issues in modern societies
 - with a focus on arts, science, and technology
 - and contribute to solving pressing social issues.

What jobs lay then ahead?

- A job as **researcher** in organisations such as GR, Rathenau, WRR, AWT, TNO, ministries, museums...
- University jobs and other senior research jobs after you complete additional **PhD training**

Job prospect



* Based on 66 employed alumni (out of 68 graduates: one unaccounted for, one currently unemployed, June 2015)

Relation with graduate research schools

- Graduate research schools:
 - are for doing a doctorate (PhD) by writing a dissertation (*proefschrift*)
 - typically have a 3-year programme
- CAST is related to:
 - **WTMC** (science, technology, and modern culture)
 - **Huizinga** (cultural history)
 - **OSL** (literature)

What will you learn?

- Hands-on research
 - **Variety of qualitative methodologies (historical, philosophical, literary, anthropological, sociological)**
 - **Explicit reflection and (self-)critique**
- Different kinds of writing
 - **Review article**
 - **Conference paper**
 - **Research Proposal**
 - **Exhibition Catalogue**
 - **Scholarly research thesis**
- Different kinds of research (scholarly, contract)
- Critical, scholarly review
- Manage your own projects
- Acquire funding

What is the curriculum? (modules and ECTS-points)

First year

Entering the field (12)
review

Rules of the Game (12)
method

The Research System (6)
research proposal

Researching Cultures of Arts, Science and
Technology (12)
discourse analysis

Joint project (12)
connecting to stakeholders

Preparation internship (3)

Second year

Research internships (24)

Thesis seminar (3)

Thesis research and writing (30)

Participation in departmental
research seminars (3+3)

What will you do?

- Read
- Write
- Discuss
- Archival research
- Interviewing
- Ethnographic observation
- Contract research
- Developing innovative presentations
- Peep into the researcher's kitchen

DURING:

Lectures

Working groups

Projects

Individual and group research

Master classes with international experts

Thesis research

Research seminars

Where have internships been?

Knowledge institutes NL:

- Gezondheidsraad
- STT
- Rathenau Institute
- ICN
- Montevideo/Nederlands Instituut voor Mediakunst
- VKS-KNAW
- Van Abbe Museum

Universities:

Cornell (US)
New York University (US)
Edinburgh (UK)
Oxford (UK)
Stockholm (SW)
Hamburg (GR)
Berlin (GR)
Lisboa (POR)
Bhubaneswar (IN)
Tate Gallery London (UK)
Berlin (G)

Some of the topics for internships:

- The promotion of edible insects as solution for global food problems
- An affordance model of creativity
- Xenotransplantation
- The return to modernism in architecture
- Extra-terrestrial Intelligence
- Online digital music technologies
- New Orleans and Dutch coastal engineering
- New rice technology in India
- Direct broadcasting satellites and Europe
- European food safety
- Mobile phone health scares in Germany
- Pharmacogenomics

Some of the topics for theses:

- The role of expectations in the study of life in space
- The ethics of self-tracking technologies
- Technostalgia in Steampunk fiction
- Of churches and museums — When does a religious object turn into an art object?
- Governance of nanotechnologies
- ICT and health education in Uganda
- Hearing protection in symphonic orchestras
- Sensing *Senseo*
- Paramedics between uncertainty and control
- Bt-Brinjal controversy in India
- Sounds in the wild
- ‘Local’ organic EU-standardization
- Domotica in health care for elderly
- Cleansing the Rat
- IVF on-line
- Creole Spirituality and Health Care
- Gender Symbolism in Chemistry
- Invisible Technology
- Mindfulness
- Genetics, Race and the X-Men
- Nutrition supplements for athletes
- Sonic Statutes
- Climate change discourse

How do you apply?

- Application dossier must contain:
 - **Curriculum vitae**
 - **Certified copies of diploma and grades' list of bachelor degree**
 - **Description of bachelor curriculum, providing brief course summaries**
 - **Two specimens of writing, done in the undergraduate programme**
 - **A personal letter (800 – 1200 words) describing the motivation to join the CAST programme**
- Procedure involves:
 - **dossier (including a personal motivation letter), language test (6.5 or higher on IELTS), possibly an interview**
- Use the application form from the UM-FASoS website

What is IELTS?

- IELTS is the language test that you need to perform
 - You need a score of 6.5 or higher
 - For Dutch students: you can take the test every second week in Utrecht or Amsterdam
 - For all nationalities: don't wait too long!
- Information: <http://www.ielts.org>

What are the deadlines?

- EU/EEA students: June 1, 2019
- Non-EU/EEA students who need a visa or residence permit: May 1, 2019

(but do apply as soon as you have made your decision—you will receive an answer within 4 weeks)

More information

See website

Contact the Director of Studies:

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