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Cancer, Stem Cells and Developmental Biology

Utrecht University

Master Postgraduate Utrecht

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Course description

Qualification Master of Science

Field of study Health care, social services and care services

Course summary The Master's in Cancer and Stem Cell Biology guides you in exploring the mysteries of embryonic growth, stem cells, evolution and development in relation to health and disease. This Masterprogramme combines research in the fields of oncology, molecular developmental biology and genetics in animals and humans. During the major (9 months) and minor (6 months) research projects on topics of your own choice, you learn sophisticated modern techniques of genomics, proteomics and bioinformatics. It is possible to complete the minor research project in a laboratory of your choice abroad. During the two year research programme, you are required to take 10 weeks of theoretical courses in the areas grouped in five broad subject areas. You may choose your favourite courses from the list of courses organized by our programme, as well as by other programmes and institutes. Moreover, you are required to attend seminars that present research covering the full range of topics related to biomedical and life sciences. A final Master's thesis, based on literature research on a relevant topic, completes your programme. It should present a clear overview of recent literature on the topic of interest and demonstrate your ability to critically evaluate hypotheses and results, present your own views and draw conclusions that may lead to the formulation of new research goals.

Course description

Study subjects The courses are thematically grouped in five broad subject areas: Signal Transduction and Cancer; Developmental Biology; Genetics and Genomics; Technology of Genomics; Proteomics and Bio-informatics; and Cell Biology; Physiology and Pathology.



Course objectives	Students following this programme will learn to explore the mysteries of embryonic growth, stem cells, signalling, gene regulation, evolution and development in relation to health and disease.
ECTS credits	120.00
Duration	24 month(s) full-time
Language of instruction	English
Instruction modes	internship, laboratory work, literature study, research, research project, oral presentation
Accreditation	NVAO

About the institution

Department	Faculty of Medicine
Information about the institution	Commitment, inspiration, ambition and independence are Utrecht University's core values. The University fosters its academic community through investment in staff and students.

Admission

Admission requirements

	Cambridge Certificate in Advanced English	B1
	Cambridge Certificate of Proficiency in English	C1
Language requirements	IELTS overall band	6.5
	IELTS writing	6
	TOEFL computer based	237
	TOEFL internet based	93
	TOEFL paper based	580

Professional experience required

-

Duration 24 month(s)
full-time

Application deadlines	Start date EU/EEA Students Non-EU/EEA students	
	1 Sep 2019 1 Apr 2019	1 Apr 2019
	1 Sep 2020 1 Apr 2020	1 Apr 2020

Year EU/EEA Non-EU/EEA Institutional

No tuition fees available.

In short, the following rules apply:



- Tuition fees
- The "EU/EEA rate" is the regular fee for students from within the EU/EEA.
 - The "non-EU/EEA rate" is the rate for students from outside the EU/EEA.
 - The "institutional rate" is for all students who have already obtained a bachelor's or master's degree and who want to start a second programme leading to a degree at the same level or at a lower level.
 - Note that FT, PT and D stand for "full-time", "part-time" and "dual", respectively.

Make sure you contact your institution to find out what rate applies to you. The rates listed here are estimates.

Scholarships

Utrecht Excellence Scholarship

For more scholarships, visit: www.grantfinder.nl

Course website

[More information about the course](#)

Contact

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Course website

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Institution website

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