English-taught

Master's programmes

We invite you to
change perspective

www.ru.nl/masters

study in holland
open to international minds

Radboud University

IN·DEI·NOMINE·FELICITER

Content

A word of welcome

As Rector Magnificus of Radboud University, it would give me great pleasure to welcome you to our University in Nijmegen.

Radboud University is a student-oriented research university where individual responsibility, independence, and small-scale classes are fundamental to the education we offer. We strive to create an environment where all students feel at home.

Internationalisation is an important process in higher education. Spending time abroad enriches the lives of our students and staff. At the same time, international students and staff who visit Radboud University bring new insights to our academic community, creating a truly international campus. You, as an international student, are an important factor in this process.

Many consider the Radboud campus – with its modern buildings located on the former country estate of Heyendael – the greenest and most beautiful in the Netherlands. All our students have access to well-equipped study facilities and lecture rooms, state-of-the-art laboratories and equipment, automated libraries and computer networks.

We realise that you want to enjoy your stay here as much as you can, and not just work and study hard! Therefore, we offer an orientation programme at the beginning of each semester for all our new international students and a variety of social activities throughout the academic year. We hope you will take the opportunity to participate in some of these events.

I look forward to welcoming you to Nijmegen!

Professor Theo Engelen
Rector Magnificus

We invite you to change perspective

Gaining new and exciting insights
Radboud University is one of the leading academic communities in the Netherlands. Our top-flight education and research take place in modern buildings with state-of-the-art facilities, located on a beautiful, green campus.

Research and education at Radboud University cover a wide range of disciplines, from life sciences, to law, language, and literature. There is plenty of choice for specialising but we also stimulate our students to look beyond their own discipline for
we truly believe that a broad scope will lead to new and exciting insights.

We are a close-knit community where academics from different faculties – thanks to being at walking-distance from each other – often work together in cross-disciplinary teams. Therefore, as a Master's student at Radboud University, you will not only be able to converse with your fellow students, but also with students from other programmes, teachers, professors, and top-notch scientists. These meetings will stimulate you to take a fresh look at things and change your perspective. In turn you, as an international student, can stimulate others to change their perspective.

The strength of the university lies in its personal approach. Our Master's students receive individual guidance from top researchers. Students' studies are also directly integrated with the work done at the university's 17 research institutes – a number of which are top in their field. This offers unique opportunities to undergraduates, postgraduates and doctoral candidates alike. It is one of the reasons why an increasing number of students and scientists from all over the world choose to study and work in Nijmegen.

RADBOUD FACTS 2014

- Student total 19.685
- Master's students 6.792
- Bachelor's students 12.893
- International students 1.723
- Bachelor's programmes 37
- Master's programmes 74 (of which 50% is English-taught)
- Research Master's programmes 10
- Diploma's granted 5.464 (2.668 Bachelor's, 2.669 Master's)
- PhD's granted 355
- Publications 6.668 (academic peer reviewed)

Nijmegen, a student-friendly city
You will be based in a true university city: of its 165,000 inhabitants, some 30,000 are students. Students appreciate the city's attractive, green surroundings and its many venues for relaxation and entertainment. The cultural centre LUX is the largest art house cinema in the Netherlands and also offers theatre, music, debate, and multimedia. The oldest city in the Netherlands dates from Roman times when its name was Noviomagus (New Market). Situated close to the German border, Nijmegen lies on the banks of the river Waal, a branch of the Rhine. It is a friendly and safe place to live and study.

Students say Radboud University is the best
A survey among all university students in the Netherlands showed that students of Radboud University are the most satisfied with their university. The survey included aspects such as the quality of education, the guidance provided by teachers, and study facilities.

We invite you to come to Nijmegen and change perspective!

RANKINGS AND AWARDS 2014

- Best general university in The Netherlands according to students in information guide 'Keuzegids universiteiten'
- Nobel Prize for Physics awarded to two professors connected to Radboud in 2010
- 140 in the Times Higher Education Rankings 2014
- 156 in the QS World University Rankings 2013
- 131 in the Shanghai Rankings 2012

For more information on rankings and awards, please have a look at www.ru.nl/masters/rankings

Study programmes

Radboud University is student-oriented and has a strong focus on research. It has seven faculties and enrols nearly 19,000 students in more than 100 study programmes. The University is constantly strengthening the international character of its programmes. The diverse backgrounds of those who study and teach at the University help our common objective: to achieve the highest possible quality in education and research.

WHY THE NETHERLANDS?

Excellent education and research

The Dutch system of higher education enjoys a worldwide reputation for high quality. Experience shows that people who have studied at a Dutch higher education institution perform very well in other parts of the world. This quality is achieved through a national system of regulation and quality assurance.

Regular and Research Master's programmes

Radboud University offers a full range of Master's programmes taught in English. In addition to regular Master's programmes, the University offers two-year Research Master's programmes. Both lead to a high-quality Master's degree, with the difference that Research Master's are intended for students who are planning on a scientific career. These two-year programmes are highly selective and are an excellent preparation for a PhD. All Master's programmes have been internationally accredited by the Accreditation Organisation of the Netherlands and Flanders (NVAO). For more details of these programmes, admission procedures, tuition fees and registration:
› www.ru.nl/masters

Change perspective

At Radboud University, education and research go hand in hand. This strong link gives students the opportunity to get closely involved with the most up-to-date research topics. Furthermore, our Master's programmes offer several specialisations and a large degree of flexibility to choose your own path.

During your Master's, you will be working under the guidance of a personal tutor. Together with this tutor, you will choose your own unique programme.

Joint Master's programmes
Radboud University also offers some Master's programmes as joint programmes with other international universities. Joint degree programmes are programmes, where curricula, admission and examination regulations are jointly developed and recognised by several partner universities. The successful completion of the study programme is awarded with more than one Master's diploma: either national degrees from the individual partner universities or a degree that is jointly conferred. For more information on these joint Masters and Joint Degree programmes, please visit:
› www.ru.nl/masters/jointprogrammes

Grading system
The grading system in the Netherlands may be different than what you may be used to. The system is on a scale of 1 to 10, where a 6 is regarded as sufficient. Marks higher than an 8 are considered to be above average.

Academic year & semesters
The Dutch academic year is divided in two semesters:
First semester: September to January
Second semester: February to July

Radboud Honours Academy for Master's students
The Radboud Honours Academy offers a special supplementary challenging programme for highly motivated Master's students wishing to extend their knowledge. Students can apply for a position in one of the interdisciplinary think tanks or an Honours Scholarship for individual research abroad.
› www.ru.nl/honoursacademy/masters

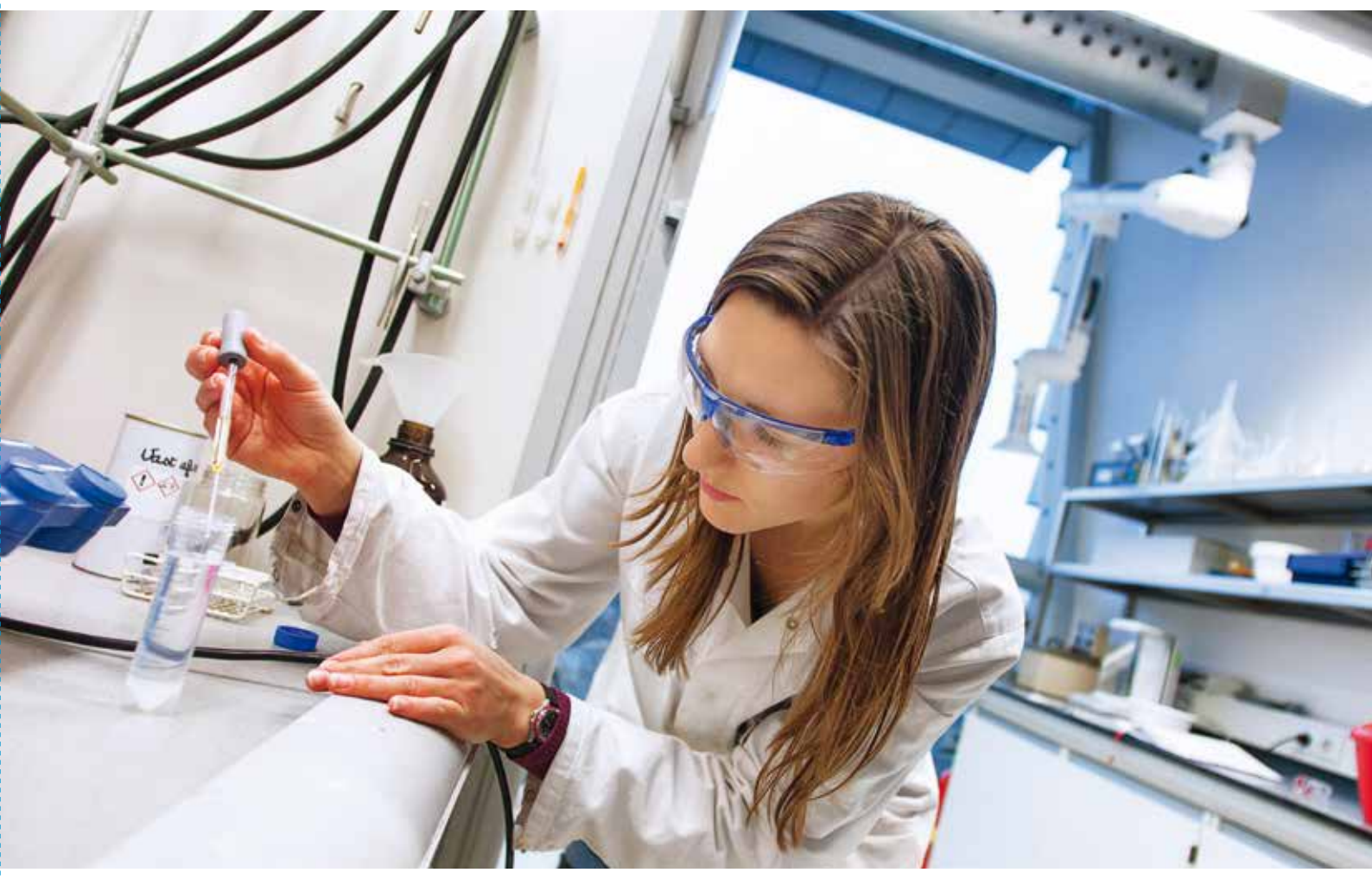
PhD candidates
After obtaining a Master's degree, you may want to continue your studies as a PhD candidate at Radboud University. Our research and education benefit from an international approach and PhD candidates play an important role in this process. The process of earning a doctorate normally takes four years and consists of conducting independent research and writing a dissertation. In general, a tuition fee is not requested. The most usual way to become a PhD candidate is by applying for an official vacancy.
› www.ru.nl/phd

International alumni
The number of students who come from abroad to study at Radboud University is increasing every year. When they leave, these students automatically become a part of our growing community of international alumni, playing an important role as ambassadors for our University around the world. International alumni receive an e-newsletter and stay connected via a Facebook page for and about Radboud University's international alumni.
› www.facebook.com/ruinternationalalumni

WHY THE NETHERLANDS?

Problem-based learning system
Holland has received international acclaim for its groundbreaking problem-based learning system. This system trains students to analyse and solve practical problems independently through emphasis on self-study and self-discipline.

study in holland
open to international minds



Facilities

The University Library
The University Library has an extensive collection of titles and periodicals and a growing collection of rare manuscripts. A large number of mainly bibliographical and full-text databases can be accessed via the library's website. There is a large Central Library, plus six faculty libraries, which are open to any registered library card holder. With a few exceptions, library services are free of charge.
› www.ru.nl/library

Research facilities
Research at Radboud University covers a wide range of disciplines, from life sciences, to law, language, and literature. The University's high-quality research institutes, which are at the forefront in a number of fields, offer unique opportunities to students and PhD candidates.
› www.ru.nl/english/research

Sports centre
The University has a state-of-the-art sports centre on campus, which was recently ranked in a large international student survey as the best in Europe. Students can 'work out' individually or in groups. There are classes and workouts for virtually any sport you can think of and of course you can join one of the many students' sports clubs, and play in tournaments and league competitions.
› www.ru.nl/sportscentre

University Chaplaincy
At the University Chaplaincy students and staff can meet, meditate and take part in discussions or join in worship. There are several activities in English: group meetings and discussions, regular Catholic Eucharist, Anglican Church services and ecumenical prayer meetings. A Chapel, Muslim Prayer Room and a Quiet Room are available for private prayer or meditation.
› www.ru.nl/chaplaincy

Food and drink on campus
The campus offers a variety of outlets where you can enjoy anything from light refreshments to a full meal. The atmosphere in the cafés, coffee corners and restaurant reflects the food and drink: fresh, colourful, healthy and straightforward. All food served is freshly-made and includes a good variety of organic products.

Language centre
At the University's language centre Radboud in'to Languages, you can choose from a selection of language and communication courses, including a range of Dutch classes. The University does not offer free Dutch language courses for students, but international students receive a substantial discount on courses.
› www.ru.nl/radboudintolanguages/en

1 International recognition

You will be studying at the fastest rising Dutch university in the international university rankings. Moreover, the 2010 Nobel Prize in Physics was awarded to two professors connected to Radboud University. You will be studying at a truly excellent institution.

2 Personal approach

Our personal style of teaching offers you plenty of opportunity to work closely with leading researchers and excellent teachers in interactive, small seminars, ensuring a high-quality Master's degree. Teachers and professors are easily approachable to discuss your study subjects.

3 Extensive freedom of choice

You decide which specialisation and subject choice is most appropriate for you. We offer you a great deal of choice and in many cases you can put together your own custom-made programme, based on your own interests. This has resulted in stimulating research and interesting study choices.

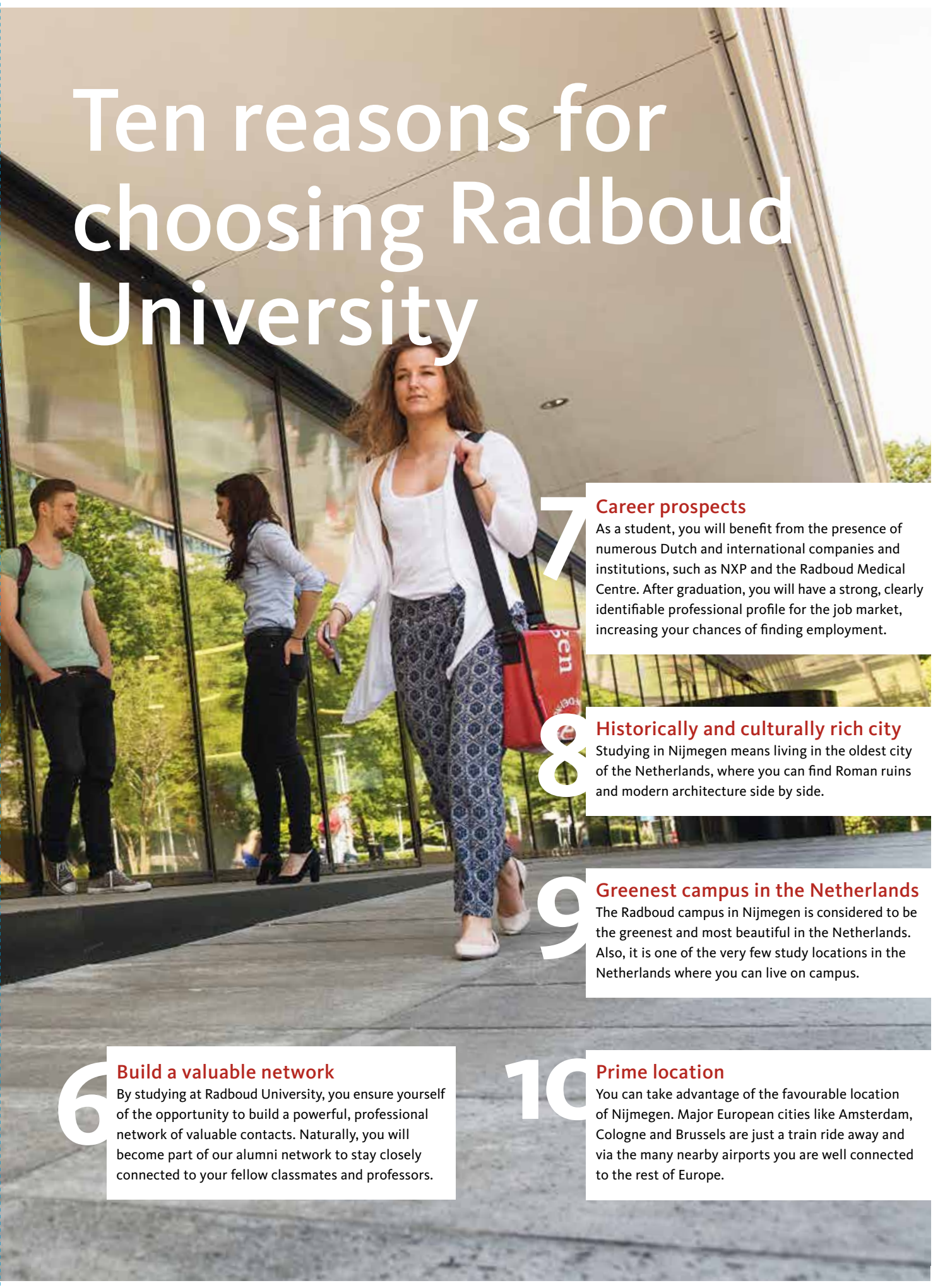
4 Excellent services

Radboud strives for the highest quality, also with its services. This has even been acknowledged by the European Commission, who recently stated that Radboud University has 'an impressive range of activities for outgoing and incoming students and a high sense of concern for quality'.

5 Valuable diploma

After successful completion of the programme, you will be awarded a Master's degree from an outstanding university and you will have gained critical skills and an insight into research and practice within your own subject area.

Ten reasons for choosing Radboud University



6 Build a valuable network

By studying at Radboud University, you ensure yourself of the opportunity to build a powerful, professional network of valuable contacts. Naturally, you will become part of our alumni network to stay closely connected to your fellow classmates and professors.

7 Career prospects

As a student, you will benefit from the presence of numerous Dutch and international companies and institutions, such as NXP and the Radboud Medical Centre. After graduation, you will have a strong, clearly identifiable professional profile for the job market, increasing your chances of finding employment.

8 Historically and culturally rich city

Studying in Nijmegen means living in the oldest city of the Netherlands, where you can find Roman ruins and modern architecture side by side.

9 Greenest campus in the Netherlands

The Radboud campus in Nijmegen is considered to be the greenest and most beautiful in the Netherlands. Also, it is one of the very few study locations in the Netherlands where you can live on campus.

10 Prime location

You can take advantage of the favourable location of Nijmegen. Major European cities like Amsterdam, Cologne and Brussels are just a train ride away and via the many nearby airports you are well connected to the rest of Europe.

Admission and application

Admission requirements
For all programmes, students will be assessed before admittance. In some cases, this may involve an interview or an assignment. In any case, we require the following:

- A Bachelor's degree from a research university (or equivalent) in a relevant discipline for the Master's programme of your choice.
- Proof of English proficiency: TOEFL, IELTS or Cambridge CAE/CPE

The language requirements differ per programme. For programme-specific requirements, please visit:
› www.ru.nl/masters/admission

Application procedure
You can apply online for the Master's programme of your choice. In some cases you need to contact the coordinator of the programme first. After the selection process, you can continue your application online. For more information or to apply directly for a Master's programme, please visit:
› www.ru.nl/masters/application

Application deadlines
Most programmes start once a year in September, some also start in February. For those who wish to start on 1 September, application closes on 1 April for students from non-EEA countries and on 1 May for students from within the EEA. Successful international applicants who apply before these dates will be guaranteed accommodation and support with their visa and residence permit application. Students who wish to start in February will be guaranteed these services if they apply before the deadlines of 1 November (non-EEA students) and 1 December (EEA students). If you apply after these dates, we will still consider your application and provide assistance where possible. Non-EEA students should allow enough time to have their application reviewed and their visa organised.

Student services

The University's International Office provides a special service package, including assistance with visa, housing and social activities for international students who enrol in an English-taught Master's programme.

Accommodation
If you come to Nijmegen for an English-taught Master's programme, you will be guaranteed housing, provided you apply before the deadline. Most student rooms are located within a few kilometres of the University and can easily be reached by bus or bicycle. Rooms are furnished, but in most cases you need to provide your own bed linen, pillow, blankets and towels. A furnished room with shared facilities will cost you up to € 450 per month.
› www.ru.nl/masters/housing

Visa and residence permit
Depending on your nationality and length of your stay, you may need a visa and/or residence permit. If you do need a visa, the International Office will assist you in obtaining the visa and/or residence permit after you have been admitted to a Master's programme.
› www.ru.nl/masters/visa

Orientation days and social activities
You can expect to receive a warm welcome during the orientation days. These are intended to help you become acquainted with the city, the University and its community. You will also receive tips about Dutch student life. The orientation programme is organised twice a year. Throughout the year, the International Office also organises a number of excursions to cities and sights in other parts of the Netherlands.
› www.ru.nl/masters/socialactivities

WHY THE NETHERLANDS?

Entrepreneurial pioneers

Holland is a creative nation. Dutch people enjoy innovation and constantly ask themselves and others questions to come up with new ideas. This explains why Dutch people are recognised as good entrepreneurs and discoverers.

Financial matters

Cost of living and tuition fees
The Netherlands is a relatively expensive country for students, although the tuition fees are reasonable. As everyone's spending habits are different, it is not easy to predict exactly how much money you will need for your stay in the Netherlands. Below you can find an estimation of the costs for one academic year.
› www.ru.nl/masters/studentbudget

Tuition fees
Higher education in the Netherlands is subsidised to uphold its high academic standards. As a result, tuition fees are kept low for all EEA nationals, while non-EEA students pay higher fees due to taxation. The tuition fees for 2016-2017 will be:

- EEA-nationals: € 1,984
- Non-EEA nationals: € 9,232 - €10,137, depending on the programme

› www.ru.nl/masters/tuition

Average expenses for one academic year

	EEA students	Non-EEA students
Tuition fee	€ 1,984	€ 9,232 - 10,137
Books and supplies	€ 400 - 600	€ 400 - 600
Food and personal expenses	€ 4,000	€ 4,000
Accommodation	€ 4,000 - 5,400	€ 4,000 - 5,400
Insurance	€ 500	€ 300 - 700
Visa and permits	€ 0 - 40	€ 300
Contingencies, e.g. additional travel, phone bill	€ 500	€ 500
Total (min.-max.)	**€ 11,318 - 12,958**	**€ 18,732 - 21,637**

Scholarships, grants and loans

Radboud Scholarship Programme

Radboud University awards a number of scholarships to non-EEA students who wish to follow certain Master's programmes, the Radboud Scholarship Programme (RSP). The programme covers part of the tuition fee (which is charged at the EEA rate) and the cost of a visa. The University will also pay for your residence permit as well as insurance during your study. Application for RSP closes on 1 April. You can apply together with your application for your Master's programme. Visit our website to find out which programmes qualify for the RSP.
› www.ru.nl/rsp

For other scholarship and grant options like e.g. the Orange Tulip Scholarship (OTS) and the Holland Scholarship (HSP), please visit
› www.ru.nl/scholarships

Working as a student

Many students would like to work alongside their studies to cover part of their expenses. We advise you not to rely on this source of income however, as most jobs require you to have a good command of Dutch and finding a job might therefore be difficult.
› www.ru.nl/masters/studentjobs

WHY THE NETHERLANDS?

Value for money

Life in Holland is not expensive compared to English-speaking countries and tuition fees are relatively low. With the renowned quality of education and the comparatively low cost of living, studying in Holland will give you true value for money.

Multicultural society

For a small country like Holland, an international orientation – including in the field of education and training – is a must for survival in our increasingly internationalised world. Dutch people really want to be connected to other cultures, the world and the business community. This also means that as a student you will take part in international classes and have no problem getting by in English.

English-taught Master's programmes at Radboud University

Faculty of Arts

Creative Industries (MA)

The creative sector has grown into a proper industry that takes its main ideas from art and culture: companies borrow ideas from artists and designers, the tourist industry uses literary concepts in their marketing, and art and museums play a large role in city branding. The fashion industry has proven that creativity and commerce fit together effortlessly, but this development needs to be evaluated critically from a historical and theoretical perspective. The Master's programme in Creative Industries provides the tools to do just that, within the context of Cultural Studies.

Key courses: Creative Industries, Fashion, Media, Tourism, Material Culture, Trend Watching, Creativity in Context, Arts Education.

Career prospects: In this programme you'll develop the skills needed to critically reflect on and successfully contribute to the creative industries. Jobs in: cultural institutions, production companies, media, tourism, fashion, government.

Unique characteristics:
- The only Master's in Creative Industries in the Netherlands
- Prime location at the heart of art, media and fashion capitals Amsterdam, Cologne and Brussels
- Cooperation with regional cultural museums, art collections, literary and film festivals, art houses and publishers
- Exciting internship possibilities

Best preparatory Bachelor's: a Bachelor's degree (or equivalent, from a research university) in a related field to Creative Industries: preferably Cultural Studies, or a Bachelor's of Arts with at least 30 EC in Art History, Cultural Studies and/or Cultural Policy.

Language requirements:
- TOEFL score of ≥575 (paper based) or ≥232 (computer based) or ≥90 (internet based)
- IELTS score of ≥6.5
- Cambridge Certificate of Advanced English (CAE) or Certificate of Proficiency in English (CPE), with a mark of C or higher

Start date: September and February
Duration: 1 year

Creative Industries is a specialisation of the Master's programme in Cultural Studies.

› More information: www.ru.nl/masters/creative-industries

Historical, Literary and Cultural Studies (MA – Research Master's programme)

Whether it is the history of Europe, the development of modern European literature or the art of Europe that fascinates you, these Research Master's specialisations are an excellent choice for talented students who want to prepare themselves for an international academic career. Indeed, the diversity of our teaching and research staff will allow you to specialise in almost any subject in this field and the space we offer for research and studies at home and abroad allows you to put together a training programme that perfectly meets your wishes.

Specialisations:
- Historical Studies
- Literary Studies
- Art and Visual Culture

Key courses: Theory of Scientific Research in humanities; Methods and Approaches in humanities; Contemporary Debates in Humanities; Key Research in the chosen specialisation (Historical Studies Literary Studies or Art and Visual Culture).

Career prospects: An international academic career, as a PhD researcher in the Netherlands or abroad; jobs in politics, education, journalism, museums or business.

Unique characteristics:
- Research Internship at one of our partner research institutes abroad
- Interdisciplinary approach on the methodology and theory of research within humanities
- The opportunity to choose your own specialisation and collaborate with our best scholars
- A personal tutor who is an excellent researcher with relevant expertise for each student

Best preparatory Bachelor's: History, Literature, or Cultural Studies, or a related programme.

Language requirements:
- TOEFL score of ≥600 (paper based) or ≥250 (computer based) or ≥100 (internet based)
- IELTS score of ≥7.0
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of at least C

Additional requirements:
- A grade average of 7.5 in your 2nd and 3rd years of your Bachelor's studies and your Bachelor's thesis marked with a grade of at least 8.0.
- A strong motivation

Start date: September
Duration: 2 years

› More information: www.ru.nl/masters/hlcs

Eternal Rome: Transformations from Antiquity to the Middle Ages

Situated in one of the oldest Roman cities in the Netherlands, the History Department at Radboud University offers international students an ultimate open class room experience. Steeped in history, the old city wall, the Roma aqueduct, and the ruins of Frederick Barbarossa's palace are visible remnants of Nijmegen's ancient past. Within these settings, our History Department offers outstanding expertise in Roman history and its reception throughout the Middle Ages up to the present day. Radboud University is renowned for pursuing academic excellence, based on active student participation. Specialists from the fields of ancient and medieval history offer outstanding courses on a wide range of topics, stretching across several continents. As such, our programme is unique to the Netherlands. We invite you to join our History Department's learning community.

Key courses: Reflections of Rome I: Urbi et Orbi: Rome in Local and Global Perspectives; Reflections of Rome II: Monuments and Memory in Rome and Constantinople.

Career prospects: History graduates frequently gain employment in public service, cultural institutions and museums, journalism, media and publishing, librarianship, archives, teaching and in the academic field. Students develop excellent skills in, amongst others, theoretical and textual analysis, writing and presentation.

Unique characteristics:
Eternal Rome focuses on the city of Rome and the idea of Rome from a diachronic perspective, spanning many centuries, continents and cultures. The courses reflect on what makes Rome such a powerful concept in the past and present. The courses are offered by specialists from a broad range of fields who are interested in understanding Rome's position of power and its relations to other cities and empires.

Best preparatory Bachelor's: History or a related programme.

Language requirements:
- TOEFL score of ≥575 (paper based) or ≥232 (computer based) or ≥90 (internet based)
- IELTS score of ≥6.5
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of at least C

Eternal Rome: Transformations from Antiquity to the Middle Ages is a specialisation of the Master`s programme in History.

Start date: September
Duration: 1 year

› More information: www.ru.nl/masters/history

International Business Communication (MA)

Is a product more attractive for consumers when it is advertised in their mother tongue? Which associations does the French language evoke if you want to sell a perfume? Is English as a Lingua Franca the ultimate communication mode that multinational companies should use in their corporate communication? Students who study International Business Communication in Nijmegen cover these kinds of questions. They learn to apply advanced research techniques, and analyse and audit communication in international and multilingual organisational contexts. They gain insights into the latest (theoretical) developments in multiple disciplines, including corporate communications, applied linguistics and international management, that are relevant to the practice of international business communication. Students develop key competences that allow them to make informed and research-based decisions regarding the communication management and communication design challenges faced by organisations that operate in an international context.

Key courses: Global Corporate Communication; Corporate Strategy; Internship & Communication Advise.

Career prospects: A career in business, government, semi-government, or academia; corporate communications manager, press officer, marketing communications manager, communication trainer, social media manager, recruitment manager, or PR consultant in multinationals or organisations with international stakeholders.

Unique characteristics:
- Small-scale teaching in an international environment
- Strong theoretical background with a practical orientation
- Case study-based, problem-solving approach

Best preparatory Bachelor's: Communication and Information Studies, Corporate Communications or a related programme.

Language requirements:
- TOEFL score of ≥580 (paper based) or ≥237 (computer based) or ≥92 (internet based)
- IELTS score of ≥7.0(overall), ≥6.5(writing)
- Cambridge Certificate of Advanced English (CAE), with a mark of at least B
- Cambridge Proficiency in English (CPE), with a mark of at least C

Start date: September
Duration: 1 year

International Business Communication is a specialisation of the Master's programme in Communication and Information Studies.

› More information: www.ru.nl/masters/ibc

Anita Slonimska (24)
From: Latvia
Master's programme: Linguistics
Specialisation: General Linguistics
"My sister studied at Radboud University and she told me that the Linguistics programme was really good. She also told me about the University Sports Centre. There are more than 70 sports on offer and – not unimportant – it's affordable! It may seem superficial but the Sports Centre was the main reason I chose to come to Nijmegen. Studying can be stressful and sports is a great way to feel better. When I need an energy boost I go kickboxing, but to relax I prefer Pilates. Student life on the Radboud campus is much more than studying from morning to evening: sports, cultural events and social gatherings. Here you are part of a community."

Language and Communication (MA - Research Master's programme)

This programme covers the numerous ways in which written and spoken language is used – for example, to persuade, inform, and exchange ideas. Because communication and the use of language are so tightly interwoven, we take an integrated approach. For example, when other, non-verbal cues are taken into account, understanding spoken language is easier. The interrelationships between language and communication have been further illuminated by developments in information and communication technology.

This Research programme is a two-year programme offered jointly by Radboud University and Tilburg University. The programme has a strong emphasis on empirical study and is unique in the Netherlands.

Key courses: Foundations of Language and Communication; Corpus and Experimental Methods; 30 EC of specialisation courses; Skills/Methods, Term paper; Grant Proposal Writing; Valorization. Two lab rotations providing you with hands-on research experience.

Career prospects: A research career, for example by taking a PhD. Many graduates use their academic insight and research skills in the public and private sector or join research groups in these sectors.

Unique characteristics:
- Use of empirical research techniques to focus on language as it is actually used
- Exploring language and communication as an integrated whole
- Collaboration with the Centre for Language Studies (CLS), the Max Planck Institute for Psycholinguistics (MPI) and the Baby Research Centre, all located on Radboud University's campus

Best preparatory Bachelor's: Communication Studies, Linguistics, a modern language or a related programme.

Language requirements:
- TOEFL score of ≥600 (paper based) or ≥250 (computer based) or ≥100 (internet based)
- IELTS score of ≥7.0
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of at least C

Additional requirements:
- A grade average of 7.5 in your 2nd and 3rd years of your Bachelor's studies and your Bachelor's thesis marked with a grade of at least 8.0.
- A strong motivation and a keen interest in language and communication research

Start date: September
Duration: 2 years

› More information: www.ru.nl/masters/language

Linguistics (MA)

What makes it possible for speakers of a language to understand each other? How do speakers adjust their language use in different situations, for example when speaking to someone with a different dialect, speaking on the phone rather than in person, or when writing an email? Why do some people find it easier than others to learn a second language? As one of our most complex cognitive abilities, studying language tells us something about what it means to be human. Topics we might study include: how language changes over time, how we use language in day-to-day communication, how languages from around the world differ from each other and nevertheless have much in common, how multiple languages interact in the mind/brain of an individual, and how technology can help us to learn another language.

Specialisations:
- General programme Linguistics
- Dutch Linguistics
- English Language and Linguistics
- French Linguistics
- German Linguistics
- Spanish Linguistics
- Language and Communication Coaching

Key courses: Psycholinguistics; Languages and Society; Linguistic Universals and Diversity; Language testing; Global English; Translation Studies

Career prospects: Jobs in which linguistic knowledge is applied (language policy, language testing and teaching, including developing educational material), jobs in communication and publishing companies, education, academic research, language therapy or in ICT.

Unique characteristics:
- Small-scale teaching in an international environment
- The option of being able to put together your own programme
- Working together with top researchers
- Various possibilities for internships in a range of research institutes, such as the Centre for Language Studies (CLS)

Best preparatory Bachelors: Linguistics, or – provided that you took at least 60 EC worth of courses in the area of Linguistics – any (foreign) language, or communication and information sciences degree

Language requirements:
- TOEFL score of ≥575 (paper-based) or ≥232 (computer-based) or ≥90 (internet-based)
- IELTS score of ≥6.5
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of at least C

Start date: September and February (Language and Communication Coaching in September only)
Duration: 1 year

› More information: www.ru.nl/masters/linguistics

North American Studies (MA)

The world loves American culture, but is deeply distrustful of American power and politics. At Radboud University, we offer critical insights into both. The Master's programme gives students the opportunity to acquire solid expertise in relation to the concept of 'America' in a variety of fields: US history, literature, culture (including popular culture, film, theatre and art) as well as political history, foreign policy, constitutional law, religion and social science. Radboud University distinguishes itself from other American Studies programmes through its emphasis on the cultural and political relations between the United States, its neighbours and Europe. Additionally, our MA students participate in the newly established international RUDESA spring academy on the theme of 'Grounding Transnational American Studies' in the US and Europe.

Specialisations:
- Literatures and Cultures of North America in International Perspective
- Transnational America: Politics, Culture and Society

Key courses: Theories & Practices of American Studies; Contemporary North American Fiction; African American History and Culture; Religion and American Global Politics; Transatlantic Transfer and Cultural Mobility; The Future of American Power.

Career prospects: Jobs in an international setting, e.g. in school or university education, in research, in journalism or other media, in publishing, museums, international finance, government, business, international affairs or as a diplomat.

Unique characteristics:
- Dynamic interdisciplinary learning environment
- Possibility to make your own custom-made programme
- High level of communication in (American) English
- International team of scholars and students
- Small, interactive classrooms with hands-on research opportunities
- Participation in the RUDESA spring academy in collaboration with the University of Duisburg-Essen in Germany

Best preparatory Bachelor's: American Studies or a related programme.

Language requirements:
- TOEFL score of ≥600 (paper based) or ≥250 (computer based) or ≥100 (internet based)
- IELTS score of ≥7.0
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of at least B

Start date: September
Duration: 1 year

› More information: www.ru.nl/masters/americanstudies

Faculty of Law

European Law (LL.M.)

Our Master's programme in European Law is primarily designed for students who wish to develop their understanding and knowledge of European Union law with the intent of pursuing a legal career with a strong international dimension.
This Master's programme is unique in that it not only provides a thorough understanding of European and international law in general, but also offers further specialisation. After completing the compulsory courses you can specialise in one of four specialisations:

Human Rights and Migration

Human Rights and Migration studies legal issues relating to migration and human rights in its theoretical, operational, social and political context. A unique feature of this specialisation is that it combines human rights and immigration law courses, two areas that are among the most important in the EU today.

Key courses: Protection of Human Rights in International Law; European Immigration Law; Public International Law Advanced; European and Comparative Refugee Law; Judicial Protection in the European Union.

Career prospects: NGOs, governmental organisations and international organisations such as the European Commission, the United Nations, international courts and tribunals, lobby organisations, councils for refugees, charity foundations and commercial businesses.

Start date: September and February
Duration: 1 year

› More information: www.ru.nl/masters/humanrights

Business Law

With the increasing level of globalisation there is a growing demand for legal experts who understand the impact of EU legislation on business entities. You will study aspects of European and comparative company law and you will learn to analyse both primary and secondary EU legislation, as well as the case law of the Court of Justice of the EU and the legislation of relevant jurisdictions.

Key courses: European and Comparative Company Law; European Competition Law; EU External Relations Law; Principles of Finance and Secured Transactions; International and European Tax Law.

Career prospects: Financial institutions, multinationals and listed companies and governmental institutions, the European Commission and NGOs. Positions in lobbying or consulting firms anywhere in the world.

Start date: September and February
Duration: 1 year

› More information: www.ru.nl/masters/businesslaw

International and European Law Advanced

This specialisation offers you the opportunity to acquire an advanced understanding of the core issues of European Union Law and Public International Law. There is considerable freedom to focus on the subjects that you find most relevant for your future career. You will become a generalist in the field: a person with intricate and comprehensive knowledge of international and European law who grasps the bigger picture.

Key courses: EU External Relations Law; European Competition Law; Moot Court Competition; Public International Law Advanced; Judicial Protection in the European Union; European Employment Law.

Career prospects: Positions in research, consultancy or diplomacy. Graduates are also well-qualified for work in the practice of law, counselling and advocacy.

Start date: September and February
Duration: 1 year

› More information: www.ru.nl/masters/ieladvanced

Insolvency Law (double degree)

Insolvency is no longer a national issue. Given the new transnational scope of this field of law, the Faculty of Law at Radboud University and the Nottingham Law School have joined forces to offer students a unique double degree Master's programme. You will be awarded two LL.M degrees in the space of just one academic year: the LL.M Corporate and Insolvency Law from Nottingham Law School, and the LL.M European and Insolvency Law from Radboud University. You will live and study in both Nijmegen in the Netherlands and in Nottingham in the United Kingdom. The programme starts in Nijmegen and after the Christmas break you move to the UK.

Key courses: Cross-Border Insolvency Law; Business Structures and Insolvency in the EU; Corporate Rescue; Comparative Workout Strategies and Cross Border Issues in Insolvency.

Career prospects: Financial institutions, multinationals and listed companies as well as governmental institutions and NGOs. There is also a high demand within the legal profession and judiciary for lawyers with thorough knowledge of insolvency law.

Start date: September
Duration: 1 year and 81 EC

› More information: www.ru.nl/masters/insolvencylaw

Language requirements for all specialisations:

- TOEFL score of ≥87 with a minimum of 23 for writing
- IELTS score of ≥6.5 average (test score of 6.5 overall with a 6.0 minimum for each test result: listening, reading, writing and speaking)
- Cambridge Certificate of Advanced English (CAE) or Certificate of Proficiency in English (CPE) with a mark of C or higher

Faculty of Medical Sciences

Biomedical Sciences (MSc)

This Master's programme is suitable for students who wish to do and apply biomedical research in an innovative, transdisciplinary context. It offers a solid base in medical science and its methodologies (from molecule to man to population, from pathobiology to health technology assessment) along with ample possibilities for professional development in the fields of research, consultancy, and communication. In other words, it forms an excellent preparation for a career dedicated to improving human health.

Specialisations:
- Molecular and Cellular Research (RIMLS)
- Intervention, Clinical and Population Research (RIHS)
- Medical Neuroscience (Donders Institute for Neuroscience)

Research themes: Alzheimer; Cancer Development and Immune Defence; Disorders of Movement; Infectious Diseases and Host Response; Inflammatory Diseases; Mitochondrial Diseases; Neuro-Developmental Disorders; Poverty Related Diseases; Rare Cancers; Reconstructive and Regenerative Medicine; Renal Disorders; Sensory Disorders; Stress-related Disorders; Tumours of the Digestive Tract, Urological Cancers; Vascular Damage; Women's Cancers; Healthcare Improvement Science; Nanomedicine

Career prospects: Career in academia (PhD), research institutes, government agencies, teaching hospitals, public health organisations, consultants, or in the pharmaceutical and medical industries.

Unique characteristics:
- Highly practice-based with ample room for internships
- Strong links with research at cutting-edge institutes such as the Radboud Institute for Molecular Life Sciences (RIMLS), the Radboud Institute for Health Sciences (RIHS) and the Donders Institute for Neuroscience
- Students are welcomed as starting colleagues
- Self-directed learning, that leads to individualised study programme, including self-defined focus area
- Career profiles in research, science communication, and consultancy
- Personal coaching by established researchers at the Radboudumc
- Availability of full scholarships

Best preparatory Bachelor's: Biomedical Sciences, Medical Biology

Language requirements:
- TOEFL score of ≥575 (paper based) or ≥232 (computer based) or ≥90 (internet based)
- IELTS score of ≥6.5
- Cambridge Certificate of Advanced English (CAE-C) or Certificate of Proficiency in English (CPE), with a mark of C or higher

Start date: September
Duration: 2 years

› More information: www.ru.nl/masters/bms

Molecular Mechanisms of Disease (MSc - Research Master's programme)

All diseases have their origin in the disturbance of molecular processes. As a student of the Research Master's programme in Molecular Mechanisms of Disease (MMD) you'll follow an educational programme that will provide you with in-depth insight and research experience into the molecular processes underlying health and disease. Such knowledge forms the basis for the development of new therapies for cancer, metabolic, infectious and immunological diseases.

The MMD programme is part of the graduate school of the Radboud Institute for Molecular Life Sciences (RIMLS), one of the research institutes at the Radboud university medical center (Radboudumc). Research at the RIMLS is directed at elucidating the molecular basis of disease-related processes and translating these results into the clinic.

A key characteristic of the MMD Research Master's programme is to offer a challenging and highly structured programme in the full width of the molecular biomedical sciences. 98 percent of our students so far have successfully completed the programme, 83 percent within two years.

Key courses: Infection, Immunity and Regenerative Medicine; Immunity-related Disorders and Immunotherapy; Metabolism, Transport and Motion; Metabolic Disorders; Cell Growth and Differentiation; Developmental Disorders and Malignancies; Excellence in Communication; Scientific Skills; Science and Society; Genomics and Statistics; Master classes; Electives according to interest can be selected from other life science curricula.

Career prospects: Research career (PhD); career in academia; career in commercial sector.

Unique characteristics:
- Very intensive contact with established researchers
- Group-oriented learning and excellent academic resources
- Master classes with top international researchers organised three times a year
- Personal mentor to help students plan their individual programme of study
- Two research internships, of which one abroad in a laboratory of your choice
- Highly international student group with a maximum of 24 students
- Intensive training in academic writing, presentation skills, writing of grant applications
- Translational bench-to-bedside courses
- Availability of full scholarships

Ayşegül Erdem (24)
From: Turkey
Master's programme: Molecular Mechanisms of Disease
"I love living on the Radboud campus. It's beautiful with lots of trees and parks and people say hello even if they don't know you. And within five minutes I'm at the lab which was especially great in the winter when it was cold! I'm so glad that I get to work on my own projects in the lab. I do an experiment, get critical and constructive feedback and go on to plan and conduct my next experiment. I learn so much working this way. Studying here is both challenging and inspiring. We don't just get taught by top-researches but we also get to talk to patients. It lets us see who we're doing our research for."

Best preparatory Bachelor's: Medical Biology, Molecular Medicine, Biochemistry, Biotechnology or any biomedical education with an emphasis on cell and molecular biology.

Language requirements:
- TOEFL score of ≥600 (paper based) or ≥250 (computer based) or ≥100 (internet based)
- IELTS score of ≥7.0
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of C or higher

Additional requirements:
- Grades well above average for the 2nd and 3rd year of your Bachelor's studies
- At least two months of hands-on practical experience upon completion of your Bachelor's
- A strong motivation
- A recommendation for acceptance by RIMLS interviewers

Start date: September
Duration: 2 years

› More information: www.ru.nl/masters/mmd

Faculty of Science

General information

The Radboud University Faculty of Science offers a broad spectrum of highly ranked Master's programmes. Three of them – Chemistry, Physics and Astronomy and Mathematics – are ranked as the best in their field in the Netherlands (Keuzegids Masters 2015). In most programmes you can choose one of several (sometimes interdisciplinary) specialisations which are closely linked to our research:

Biology (MSc)
- Adaptive Organisms
- Communities and Ecosystems
- Transnational Ecosystem-Based Water Management
- Water and Environment
- Microbiology
- Science in Society
- Science, Management and Innovation

Medical Biology (MSc)
- Medical Epigenomics
- Clinical Biology
- Neuroscience
- Science in Society
- Science, Management and Innovation

Molecular Life Sciences (MSc)
- Medical Epigenomics
- Clinical Biology
- Neuroscience
- Chemistry for Life
- Science in Society
- Science, Management and Innovation

Chemistry (MSc)
- Molecular Chemistry
- Chemistry for Life
- Physical Chemistry
- Science in Society
- Science, Management and Innovation

Science (MSc)
- Neuroscience
- Medical Epigenomics
- Molecular Chemistry
- Chemistry for Life
- Physical Chemistry
- Physics of Molecules and Materials
- Particle and Astrophysics
- Science in Society
- Science, Management and Innovation

Physics and Astronomy (MSc)
- Physics of Molecules and Materials
- Particle and Astrophysics
- Neuroscience
- Science in Society
- Science, Management and Innovation

Mathematics (MSc)
- Applied Stochastics
- Algebra and Topology
- Mathematical Physics
- Mathematical Foundations of Computing Science
- Science in Society
- Science, Management and Innovation

Computing Science (MSc)
- Software Science
- Data Science
- Computer Security (Kerckhoff's Master)
- Mathematical Foundations of Computing Science
- Science in Society
- Science, Management and Innovation

Information Sciences (MSc)

Language requirements for all programmes
- TOEFL score of ≥90 (internet based)
- IELTS score of ≥6.5
- Cambridge Certificate of Advanced English (CAE) or proficiency in English (CPE), with a mark of C or higher.

Start date: September
Duration: 2 years
With the exception of Information Sciences which is a one-year programme that starts in both September and February.

Adaptive Organisms

Specialisation of the Master's in Biology

The Master's specialisation in Adaptive Organisms focuses on processes at the sub-organismal level. With the latest molecular and physiological tools, you'll study the adaptations of organisms to environmental stresses. Which regulatory mechanisms are involved? And what are the genetic constraints, the physiological plasticity and the evolutionary history of these responses?
The programme covers the adaptability of plants, animals and micro-organisms to sub-optimal conditions, and conveys crucial information for an understanding of the effects of environmental change. This knowledge is applied in nature management, but also in biotechnology and breeding programmes.

Key courses: Orientation in Biology and Environmental Sciences, Quantitative Conservation Biology, Advanced Adaptation Physiology Microbiology of Wetland Ecosystems, Molecular Physiology of Plant Stress Adaption.

Career prospects: This specialisation is an excellent preparation for a career in research, either at a university or at a company. However, many of our students also end up in health care, business services, governmental organisations or trade institutions. Graduates work, for example, as researchers, consultants, policy coordinators and teachers.

Unique characteristics:
- You'll work closely together with top researchers from the Institute for Water and Wetland Research (IWWR), which develops novel applications for problems of water shortage, pollution and floods.
- This specialisation integrates all levels of organisation from molecule and cell up to functioning of organisms in their environment.

Best preparatory Bachelor's: Biology or a related programme.

› More information: www.ru.nl/masters/adaptiveorganisms

Communities and Ecosystems

Specialisation of the Master's in Biology

The Master's in Communities and Ecosystems deals with the ecology of units of interacting individuals, in populations, communities and ecosystems. You'll analyse the biodiversity in relation to the hydrology, nutritional status and landscape configuration of the ecosystem. In some cases, you'll need ecogenomics tools to unravel unknown components such as microbial composition or evolutionary history of populations. Together, this information gives insight in how different communities of plants, animals or micro-organisms within an ecosystem are interrelated and interdependent, and how they determine the resilience of the community to environmental stress.

Key courses: Orientation in Biology and Environmental Sciences, Quantitative Conservation Biology, Management of Ecosystems, Environmental and Ecological Modelling, Biodiversity and Ecological Assessment, Microbiology of Wetlands.

Career prospects: This Master's specialisation is an excellent preparation for a career in research, either at a university or at a company. However, many of our students also end up in health care, business services, governmental organisations or trade institutions. Graduates work, for example, as researchers, consultants, policy coordinators and teachers.

Unique characteristics:
- You'll work closely together with top researchers from the Institute for Water and Wetland Research (IWWR), which develops novel applications for problems of water shortage, pollution and floods.
- This specialisation not only puts the interactions between organisms into context, it also integrates all levels of organisation from molecule and cell up to ecosystems and landscape.

Best preparatory Bachelor's: Biology or a related programme.

› More information: www.ru.nl/masters/communitiesandecosystems

Transnational Ecosystem-Based Water Management

Specialisation of the Master's in Biology

Transnational Ecosystem-Based Water Management focuses on four main fields: aquatic ecology; hydraulic engineering; management & planning; socio-economics. The programme is a joint initiative of Radboud University and the University of Duisburg-Essen (Germany), which means that you will follow courses at both universities. After successful completion, you will obtain a double Master's degree.

Key courses:
Environmental Economics for Water Management; Integrated Water Management; Social Aspects of Water Management; Water Governance and Spatial Planning.

Career prospects:
This Master's specialisation is an excellent preparation for an international career in water management.

Unique characteristics:
- You'll work closely with top researchers from the Institute for Water and Wetland Research (IWWR), which develops novel applications for problems of water shortage, pollution and floods.
- After successful completion, you will obtain a double (Dutch-German) Master's degree.

Best preparatory Bachelor's: Biology or a related programme.

› More information: www.ru.nl/masters/twm

Water and Environment

Specialisation of the Master's in Biology

As a Water and Environment Master's student, you'll tackle environmental problems such as climate change, flooding, eutrophication, chemical pollution, habitat fragmentation and bio-invasions. We provide you with the laboratory, field and assessment tools needed to protect ecosystem and human health in the context of multiple environmental pressures.

Key courses:
Orientation in Biology and Environmental Sciences; Ecological and Environmental Concepts; Management of Ecosystems; Biodiversity and Ecological Assessment; Environmental and Ecological Modelling.

Career prospects: This Master's specialisation is an excellent preparation for a career in research, either at a university or at a company. However, many of our students also find jobs in health care, business services, governmental organisations or trade institutions. Graduates work, for example, as researchers, consultants, policy coordinators and teachers.

Unique characteristics:
You'll work closely with top researchers from the Institute for Water and Wetland Research (IWWR), which develops novel applications for problems of water shortage, pollution and floods.

Best preparatory Bachelor's: Biology or a related programme.

› More information: www.ru.nl/masters/waterandenvironment

Microbiology

Specialisation of the Master's in Biology

Microbiology deals with the interface between fundamental biological and medical sciences. It focuses on molecular, medical and environmental microbiology to improve our health and environment and provides in-depth insight into present-day microbial research in general and clinical microbiology.

The major topics of the Microbiology specialisation are:

- *Environmental Microbiology and Biotechnology*
  Microorganisms can be used to break down environmental pollutants and toxic chemicals. Therefore microbiology has the potential to replace common energy-intensive chemical processes by more sustainable solutions.

- *Immunology*
  Unfortunately some microorganisms make us ill. A better understanding of battle between our immune system and these microorganisms will lead to the development of improved vaccines.
- *Molecular Microbiology*
  The genome of a microorganism is a key factor in research, because it determines how the organisms interact with host cells and how they cause diseases. That knowledge is fundamental for the development of novel antibiotics and improvement of vaccines against microorganisms.

Key courses: Introduction and General Microbiology, Environmental Microbiology & Biotechnology, Molecular Microbiology, Host-microbe Interactions and Medical Microbiology.

Career prospects: This Master's specialisation is an excellent preparation for a career in research, either at a university or at a company. However, many of our students also end up in pharmaceutical companies, public health authorities and governmental departments. Graduates work, for example, as researchers, consultants, policy coordinators, lecturers and teachers.

Unique characteristics:
- The research department Microbiology at Radboud University has been bestowed with the most prestigious science prizes, including two ERC Advanced Grants, a Spinoza Prize, and two Gravitation Grants.
- The department of Microbiology is dedicated to grow and study micro-organisms that contribute to a better environment. It is specialised in the discovery of 'impossible', new anaerobic micro-organisms.
- You'll be able to work with state-of-the-art bio-reactors, electron microscopy, GC-MS, meta-genomics, and meta-proteomics facilities.

Best preparatory Bachelor's: Biology or a related programme.

› More information: www.ru.nl/masters/microbiology

Medical Epigenomics

Specialisation of the Master's in Medical Biology / Science / Molecular Life Sciences

In the specialisation Medical Epigenomics you'll focus on approaches and techniques required to obtain a broad and comprehensive understanding of biological systems. This, for example, forms a basis for personalised medicine. The programme is associated with the Radboud Institute for Molecular Life Sciences (RIMLS), which has a wide variety of research facilities and allows you to perform fundamental and pre-clinical research with maximum efficiency.

Key courses: Epigenetics in Health and Disease, Protein Dynamics and Networks, Computation for Biologists, Trends in Medical Biosciences 1 & 2.

Career prospects: You'll be trained in using biological software tools to study complete networks in cells, such as the effects of drugs or food in the human body. With that background, you can become a researcher at a university, research institute, pharmaceutical company, food company or start-up company making use of -omics technology. In addition, a considerable group of students find positions as a consultant in molecular biology, a policy coordinator or a teacher.

Unique characteristics:
- Radboud biologists and biochemists are leading experts in -omics technologies, and manage both a state-of-the-art mass spectrometry and a next generation sequencing facility.
- This programme allows you to work with researchers from RIMLS, one of the leading multidisciplinary research institutes within this field of study worldwide.
- Radboud University coordinates BLUEPRINT, a 30 million Euro European project focusing on the epigenetics of leukaemia. As a Master's student, you'll have the opportunity to participate in this project.

Best preparatory Bachelor's: Medical Biology, Molecular Life Sciences, Science or a related programme.

› More information: www.ru.nl/masters/medicalepigenomics

Clinical Biology

Specialisation of the Master's in Medical Biology / Molecular Life Sciences

The Master's specialisation in Clinical Biology focuses on scientific aspects of current and future health challenges. You'll develop and answer research questions with a strong translational focus and perform research on patient samples within a research group at the Radboud university medical center (Radboudumc). In this way, you'll link human physiology and basic principles of molecules and cells to clinical treatment.

The internship trainings have a strong multidisciplinary character as students from different educational backgrounds work together with physicians, clinical chemists and clinical physicists. Students work on human patient samples and familiarise themselves with ethical and safety aspects of this work.

Key courses: Trends in Medical Biosciences 1 & 2, Molecular and Translational Oncology, Human Genetics, Metabolism, Transport and Motility.

Career prospects: This Master's specialisation is an excellent preparation for a career in research, either at a university or at a company. However, many of our students also end up in health care, business services, governmental organisations or trade institutions. Graduates work, for example, as researchers, consultants, policy coordinators and teachers.

Unique characteristics:

- Radboud biologists and clinicians are experts in the fields of animal and human physiology, human disease and molecular and cellular clinical studies.
- You'll get the opportunity to work closely together with researchers from the Radboud university medical center.
- Radboud University offers internships at multiple related research institutes, such as Radboud Institute for Molecular Life Sciences (RIMLS), Radboud Institute for Health Sciences (RIHS) and Donders Institute for Brain, Cognition and Behaviour (DI).
- There are various opportunities to do an internship abroad through a wide network of cooperating research groups.

Best preparatory Bachelor's: Medical Biology, Molecular Life Sciences or a related programme.

› More information: www.ru.nl/masters/clinicalbiology

Neuroscience

Specialisation of the Master's in Medical Biology / Physics and Astronomy / Science / Molecular Life Sciences

Our brain contains many ingenious networks of millions of interconnected neurons. Together, they have a storage capacity and flexibility that far exceed modern supercomputers, or any artificial intelligent system. This specialisation aims at unravelling the neurobiological and neurocomputational mechanisms of this fascinating, complex system. We study the full spectrum from molecule to man, and from experiment to advanced theory and models.

The major topics in the Neuroscience specialisation are:

- *Perception, action and control*
  Studying sensorimotor mechanisms, their cognitive and computational components, their clinical implications, and their relevance for robotics.
- *Plasticity and memory*
  The development and decay of the healthy and the diseased brain.
- *Brain networks and neuronal communication*
  Complex neural networks, ranging from interactions between individual neurons to communication between different brain areas and the outside world.

Key courses: Systems Neuroscience; Behavioural Neuroscience; Methods in Neuroscience; Systematic Review in Neuroscience

Career prospects: This specialisation is an excellent preparation for a future career in science, and it will also provide you with general skills that are required for any other job you aspire, like the ability to structure complex problems and the social skills for working in a multidisciplinary team.

Unique characteristics:

- Radboud University is the only university in the Netherlands that covers the complete research field of Neuroscience, from cognition to behaviour, and from subcellular processes, to single cell analysis and big data.
- You'll get the chance to work with researchers from the world-renowned Donders Institute for Brain, Cognition and Behaviour and build a high-profile network for your future career.
- The courses are focused on research and will cover the latest developments in brain research and technology, and help you develop essential academic skills.
- You'll work with students and researchers from different backgrounds and become acquainted with a wide variety of research methods and scientific approaches.

Best preparatory Bachelor's: Medical Biology, Physics and Astronomy, Science, Molecular Life Sciences or a related programme.

› More information: www.ru.nl/masters/neuroscience

Chemistry for Life

Specialisation of the Master's in Chemistry / Molecular Life Sciences / Science

Chemistry for Life addresses challenging problems at the interface of chemistry and biology. This specialisation will give you a solid foundation in chemical biology, synthetic bioorganic chemistry, physical organic chemistry, and modern analytical methods. Multidisciplinary knowledge is essential for industries of the future, where chemistry and life sciences become more and more intertwined. The specialisation Chemistry for Life offers education in connection with top-level research in the Institute for Molecules and Materials (IMM) and the Radboud Institute for Molecular Life Sciences (RIMLS), enabling you to participate in organic chemistry, biomolecular or pre-clinical research groups.

Key courses: Chemical Biology; Systems Chemistry; Organic Chemistry of Biomolecules; Instrumental Analysis in (Bio) Molecular Chemistry; Omics.

Career prospects: Career perspectives of in the field of chemical biology are very broad: our graduates work in the pharmaceutical industries, but high tech start-ups are also an option. There are numerous opportunities for PhD positions, including the national Graduate School in Chemical Biology.

Unique characteristics:

- You'll work on projects that run 'from molecule to man'; or in other words, from the fume cupboard to the patient.
- Radboud University offers a unique combination of top level organic and biomolecular chemistry research groups at the Institute for Molecules and Materials (IMM), the Radboud Institute for Molecular Life Science (RIMLS) and the Radboud university medical center.
- The IMM Molecular Life-like Systems theme participates in a 27 million Euro NWO Gravity programme grant.
- Among the teaching staff are two ERC advanced grant winners and one ERC starting grant winner.
- Besides fundamental research, the Molecular Life-like Systems theme is also heavily involved in public-private collaborations, in which the academic groups jointly with industrial partners, provide solutions for societal challenges. As a student of Chemistry for Life, you'll get the chance to participate in these challenging research projects.

Best preparatory Bachelor's: Chemistry, Molecular Life Sciences, Science or a related molecular sciences programme.

› More information: www.ru.nl/masters/chemistryforlife

Marcia Piñeiro Triñanes (24)
From: Spain
Master's programme: Biology
Specialisation: Water and Environment

"I first came to Radboud University as a Bachelor's Erasmus student. I liked that there was more work in the labs than back home. Studying in English wasn't as difficult as I thought and I really wanted to do an entire Master's here. The level of education is high because you don't just memorise the theory but have to understand how to apply it to real cases. I like the emphasis on the practical. This programme also has two internships of six months. When doing experiments you can't simply follow a manual. You're expected to be creative and adjust it according to your needs and the situation. That way I learn so much more."

Physical Chemistry

Specialisation of the Master's in Chemistry / Science

As a Master's student of Physical Chemistry, you'll be trained to fundamentally understand, design and control the functioning of molecules and materials. That includes both theoretical skills and the use and understanding of advanced spectroscopic tools. The programme is closely related to the internationally renowned

Institute for Molecules and Materials (IMM), which hosts research groups in chemistry and physics and strongly enhances scientific interactions at the interface of these disciplines.

Key courses: Advanced Spectroscopy, Materials Science, Physical Chemistry of Molecular Aggregates, Quantum Chemistry, Molecular Modelling.

Career prospects: Approximately 40% of our graduates take up a PhD position, either at Radboud University or elsewhere in the world. Our research institutes, in particular the Institute for Molecules and Materials, have vacancies for PhD projects every year. Our graduates also find work as researchers and managers in the chemical industry, or in our spin-off companies. A small proportion applies their scientific background to societal issues, for instance as a policymaker at a governmental organisation.

Unique characteristics:
- The cooperation between the most chemical of chemists and the most physical of physicists in the Institute for Molecules and Materials (IMM) is unique and has lead to many scientific breakthroughs.
- Radboud University operates a combination of state-of-the-art spectroscopic facilities including high field NMR, AFM, STM, high field magnets up to 38 tesla and terahertz free electron lasers.

Best preparatory Bachelor's: Chemistry, Science, or a related molecular sciences programme.

› More information: www.ru.nl/masters/physicalchemistry

Molecular Chemistry

Specialisation of the Master's in Chemistry / Science

Molecular chemistry is a creative science, where chemists synthesise molecules with new biological or physical properties to address scientific or societal challenges. Think of new catalytic conversions, lead compounds for future medicines or the next generation of conducting polymers. The specialisation Molecular Chemistry offers education in connection with top-level research in the Institute for Molecules and Materials (IMM), enabling you to develop in-depth knowledge of the design, synthesis and characterization of unprecedented functional molecular structures.

Key courses: Systems Chemistry, Advanced Organic Synthesis, Molecular Materials, Polymer Chemistry, Instrumental Analysis in (Bio)Molecular Chemistry.

Career prospects: Approximately 40% of our graduates take up a PhD position, either at Radboud University or elsewhere in the world. Our research institutes, in particular the IMM, have vacancies for PhD projects every year. Our graduates also find work as researchers and managers in the chemical industry, or in one of our spin-off companies. A small proportion applies their scientific background to societal issues, for instance as a policymaker at a governmental organisation.

Unique characteristics:
- This specialisation is closely connected to the research institute IMM, which hosts an internationally renowned cluster of molecular chemistry groups. The IMM Molecular Life-like Systems theme participates in a 27 million euro NWO Gravity programme grant.
- Among the teaching staff are two ERC advanced grant and two ERC starting grant winners.
- Besides fundamental research, the Molecular Chemistry cluster is also heavily involved in public-private collaborations, in which the academic groups jointly with industrial partners, provide solutions for societal challenges. As a student of Molecular Chemistry, you'll get the chance to participate in these challenging research projects.

Best preparatory Bachelor's: Chemistry, Science, or a related molecular sciences programme.

› More information: www.ru.nl/masters/molecularchemistry

Physics of Molecules and Materials

Specialisation of the Master's in Physics and Astronomy / Science.

As a scientist, you're a problem solver. But how do you tackle a problem when there are no adequate theories and calculations become far too complicated? In the specialisation in Physics of Molecules and Materials you'll be trained to take up this challenge in a field of physics that is still largely undiscovered: the interface between quantum and classical physics.

We focus on systems from two atoms to complete nanostructures, with time scales in the order of femtoseconds, picoseconds or nanoseconds. One of our challenges is to understand the origin of phenomena like superconductivity and magnetism. As theory and experiment reinforce each other, you'll learn about both 'research languages'. In this way, you'll be able to divide a complex problem into manageable parts.

Key courses: Electrodynamics; Solid State Physics; Molecular Physics.

Career prospects: This Master's specialisation is an excellent preparation for a career in research, either at a university or at a company. However, many of our students end up in business as well. Whatever job you aspire, you can certainly make use of the fact that you've learned to solve complex problems, make accurate approximations, combine theory and experiments and to work with numerical methods.

Unique characteristics:
- In your internship(s), you'll have the opportunity to perform research with unique research equipment, like free electron lasers and the highest magnetic fields of Europe.
- At Radboud University, all expertise in this field of physics is organised in one research institute: the Institute for Molecules and Materials (IMM).
- We have excellent international staff and teachers, many of whom have been awarded prestigious grants (Spinoza, ERC,

Veni, Vidi, Vici) and have close connections with Nobel prize winning research like the research on graphene (Nobel Prize for Physics 2010).
- We collaborate with several industrial partners, such as Philips and NXP.

Best preparatory Bachelor's: Physics, Science, or a related programme.

› More information: www.ru.nl/masters/pmm

Particle and Astrophysics

Specialisation of the Master's in Physics and Astronomy / Science

Although Particle Physics and Astrophysics act on a completely different scale, they both use the laws of physics to study the universe. In this Master's specialisation you'll dive into these extreme worlds and unravel questions like: What are the most elementary particles that the universe consists of? What did our universe look like in the earliest stages of its existence? And how will it evolve?

Key courses: Cosmology; Electrodynamics; Student Seminar Particle and Astrophysics; Professional Preparation; Philosophy and Foundations of Modern Physics.

Career prospects: This Master's specialisation is an excellent preparation for a career in research, either at a university or at a company. However, many of our students end up in business or governmental organisations as well. Think of Shell, KNMI, Liander, NXP, ASML Philips, McKinsey, DSM, Solvay, Unilever, AkzoNobel or start-ups like Medipix and ASI. Whatever job you aspire, you can certainly make use of the fact that you've learned to think in an abstract way, solve complex problems, use statistics and do computer programming.

Unique characteristics:
- Students work closely with researchers at the Institute for Mathematics, Astrophysics and Particle Physics (IMAPP). At this institute, the more mathematical approach as well as the physical approach are combined, focusing on new frontiers in mathematical physics (e.g. quantum gravity, non-commutative description of the standard model), high-energy physics (beyond the standard model) and astrophysics (astroparticle physics, physics of black holes and their environments, strong magnetic fields).
- Radboud University is involved in several large-scale collaborations, like the Large Hadron Collider (LHC) in Switzerland, the Pierre Auger Cosmic Ray Observatory in Argentina and the European Southern Observatory (ESO) in Chile. Master's students of Particle and Astrophysics are encouraged to participate in these projects as well. For example, every year students go to Switzerland to take part in the CERN summer school.

Best preparatory Bachelor's: Physics and Astronomy, Science, or a related programme.

› More information: www.ru.nl/masters/particleandastrophysics

Applied Stochastics

Specialisation of the Master's in Mathematics

Stochastics deals with processes and objects where randomness plays a role. As many complex systems in nature and society depend on randomness, stochastics has a broad range of applications. Think of statistical mechanics, biology, neuroscience, particle physics, financial markets and mobile phone networks. You'll get both a solid theoretical background and the opportunity to work on challenging practical problems in a field of your interest.

Key courses: Theoretical: Quantum Probability, Stochastic Processes, Time Series; Measure Theoretic Probability. Applied: Regression Analysis and Non-parametric Statistics, Epidemiology or another relevant course, Applied Statistics, Queuing Theory.

Career prospects: Mathematicians are needed in all industries, including the industrial, banking, technology and service industry and also within management, consultancy and education. A Master's in Mathematics will show prospective employers that you have perseverance, patience and an eye for detail as well as a high level of analytical and problem-solving skills.

Unique characteristics:
- Research on the foundations of mathematics and (astro)particle physics to push the boundaries of the known.
- Possibility to study areas outside the IMAPP domain, such as computer science via computer algebra, economics via financial mathematics and solid state physics via semiconductor detector R&D.
- Applied Stochastics is a young and active group of researchers in stochastics with quite a number of post docs and PhD students.
- You'll take part in the Dutch Master's Degree Programme in Mathematics (Mastermath). This means that you can follow advanced mathematics courses pooled by all Dutch the universities, and allows you to interact with fellow mathematic students from all over the country.

Best preparatory Bachelor's: Mathematics or a related programme.

› More information: www.ru.nl/masters/appliedstochastics

Algebra and Topology

Specialisation of the Master's in Mathematics

Algebra and Topology is a specialisation for students with an interest in pure mathematics and its applications. It introduces you to a broad range of techniques and concepts that play a central role in modern mathematics. This strong theoretical basis allows you to further specialise in pure mathematics, interact with other Master's specialisations such as Mathematical Physics or Mathematical Foundations of Computer Science, or to explore the interface with other disciplines.

Key courses: Algebra, Topology, Geometry, Number Theory, and Logic and Computation.

Yonathan Pahlevi (30)
From: Indonesia
Master's programme: European Law
Specialisation: European Business Law
"I chose Radboud University because they were the first university to accept my application. Unfortunately, getting my visa took a lot longer. All I could do was wait and wait. Two days before departure I got it! Coming to the Netherlands was my first time abroad. At first I felt like a stranger and a little uncomfortable. But after only a few weeks I began to feel at home and nothing is better than feeling at home while studying abroad. I met people from the Indonesian community and I also made Dutch friends. Life here is comfortable. If I didn't have a job to go back to in Indonesia, I would definitely stay longer."

Career prospects: Mathematicians are needed in all industries, including the industrial, banking, technology and service industry and also within management, consultancy and education. A Master's in Mathematics will show prospective employers that you have perseverance, patience and an eye for detail as well as a high level of analytical and problem-solving skills.
Unique characteristics:

- The research of our staff members provides a complete coverage of Algebra, Topology, Geometry, Number Theory, Logic and Computation.
- In Geometry we offer expertise in complex geometry, algebraic and arithmetic geometry, symplectic and Poisson geometry, Lie theory and representation theory. The group consists of two full professors (Prof. I. Moerdijk, Spinoza Laureate 2012, and Prof. B. Moonen), four permanent members, and a large number of post-docs and PhD students.
- Our Topology group is part of the Institute for Mathematics, Astrophysics and Particle Physics and is renowned as one of the leading groups in this area.
- You'll take part in the Dutch Master's Degree Programme in Mathematics (Mastermath). This means that you can follow advanced mathematics courses pooled by all Dutch the universities, and allows you to interact with fellow mathematic students from all over the country.

Best preparatory Bachelor's: Mathematics or a related programme.

› More information: www.ru.nl/masters/algebratopology

Mathematical Physics

Specialisation of the Master's in Mathematics

This programme is offered by one of the very few genuine Mathematical Physics departments in Europe. It combines expertise in areas like functional analysis, geometry, and representation theory with research in for example quantum physics and integrable systems. As a Master's student, you'll be able to build a network in both mathematics and physics. The research fields in this programme include the Hilbert space formalism for quantum mechanics; group representation theory, including the theory of operator algebras; the theory of Lie algebras; Lie groups; algebraic groups, and quantum groups; differential geometry; quantisation theory; Schrödinger operators; non-commutative geometry and algebraic quantum field theory.

Key courses: Non-commutative Geometry, Quantum Groups, Symmetry Breaking and Higgs Mechanism. Mastermath key courses: Symplectic Geometry, Algebraic Topology: Homotopy Theory, Semisimple Lie Algebras.

Career prospects: Mathematicians are needed in all industries, including the industrial, banking, technology and service industry and also within management, consultancy and education. A Master's in Mathematics will show prospective employers that you have perseverance, patience and an eye for detail as well as a high level of analytical and problem-solving skills.

Unique characteristics:

- Radboud University is one of the few universities in Europe which has a genuine Mathematical Physics Department.
- Every staff member has his or her unique blend of research and teaching experience in representation theory; operator algebras and noncommutative geometry; quantum field theory; quantisation theory; foundations of quantum theory; integrable systems; special functions; quantum groups, and algebraic groups. In addition, the mathematical physics group hosts a sizable and lively population of PhD students.
- You'll take part in the Dutch Master's Degree Programme in Mathematics (Mastermath). This means that you can follow advanced mathematics courses pooled by all Dutch the universities, and allows you to interact with fellow mathematic students from all over the country.

Best preparatory Bachelor's: Mathematics or a related programme.

› More information: www.ru.nl/masters/mathematicalphysics

Mathematical Foundations of Computing Science

Specialisation of the Master's in Mathematics / Computing Science

In this Master's specialisation, mathematicians working in areas pertinent to computer science and theoretical computer scientists have joined forces. This collaboration is unique in the Netherlands, and will provide you with a broad network in both fields of science. The research topics range from algebra, logic and computability, to models of distributed, parallel and quantum computation, as well as mathematical abstractions to reason about programs and programming languages.

Key courses: Type Theory and Proof Assistants; Coalgebra; Research seminar; Semantics and Domain Theory, Complexity Theory, Computer Algebra.

Career prospects: About 20% of our graduates choose to go on to do a PhD but most find jobs as systems builders, ICT specialists or ICT managers in the private sector or within government.

Unique characteristics:

- There's no comparable programme in the Netherlands.
- You'll build up a network with mathematicians from the Institute for Mathematics, Astrophysics and Particle Physics (IMAPP) as well as computer scientists from the Institute for Computing and Information Sciences (iCIS).
- You'll take part in the Dutch Master's Degree Programme in Mathematics (Mastermath). This means that you can follow advanced mathematics courses pooled by all Dutch the universities, and allows you to interact with fellow mathematic students from all over the country.

Best preparatory Bachelor's: Computer Science or Mathematics, or a related programme. Basic knowledge of programming and theoretical computer science is required.

› More information: www.ru.nl/masters/mfocs

Software Science

Specialisation of the Master's in Computing Science

Modern cars drive on 20 million lines of code. How do we develop this software and control its complexity? How do we ensure correctness of software on which our lives depend? Writing good software is a highly creative process, which requires the ability to approach problems in entirely novel ways through computational thinking. This specialisation brings you to the forefront of academic research on software, and prepares you to play a leading role in building the society of tomorrow.

Key courses: Advanced Programming; Testing Techniques and Model Checking. Courses in Software Technology, Computer-Aided Analysis and Theory of Computation.

Career prospects: Many of our students find jobs at one of the big Dutch high-tech companies such as Océ, ASML, Vanderlande and Philips. Other graduates prefer a career at one of the successful software companies in the Nijmegen region that have been founded by our former students, such as AIA and GX, or decide to start such a company themselves.

Unique characteristics:

- Software Science is closely related to the Institute for Computing and Information Sciences (iCIS), which has a strong international reputation.
- Radboud University is well-known for its work on software technology, in particular the development of efficient functional programming languages.
- Software Science covers the whole research field, from theory to practical applications. You'll also get acquainted with a broad range of software analysis techniques.

Best preparatory Bachelor's: Computing Science or a related programme.

› More information: www.ru.nl/masters/softwarescience

Data Science

Specialisation of the Master's in Computing Science

Data plays a role in almost every scientific discipline: medical scientists sequence human genomes, astronomers generate terabytes of data per hour with huge telescopes and the police employ seismology-like data models that predict where crimes will occur. In this specialisation, you'll learn to turn real-world data sets into novel insights and tools based on software and algorithms. You'll be trained to be a professional data scientist with problem-solving, analytical, programming, and communication skills.

Key courses: Machine Learning, Information Retrieval, Probabilistic Modelling.

Career prospects: Industry desperately needs data science specialists at an academic level, and thus our graduates have no difficulty to find an interesting and challenging job. They typically

either find a job at a larger company as consultant or data analysist, or start up their own company in data analytics.

Unique characteristics:
- We develop novel methods to cleverly combine different data sources and to apply these methods in various joint projects, in collaboration with other academic disciplines. Our campus, which hosts not only the Institute for Computing and Information Sciences (iCIS) but also Donders Institute, is the ideal location for this.
- This specialisation builds on the strong international reputation of Radboud University in areas such as machine learning, probabilistic modelling and information retrieval.
- Exceptional students who choose this specialisation have the opportunity to study for a double degree in Computing Science together with the specialisation in Web and Language Interaction (Master's in Artificial Intelligence). This will take three instead of two years.

Best preparatory Bachelor's: Computing Science, Artificial Intelligence or a related programme.

› More information: www.ru.nl/masters/datascience

Computer Security (Kerckhoff's Master)

Specialisation of the Master's in Computing Science

As our society relies on ICT to an ever larger degree, computer security is a topic of growing importance. In this specialisation you'll learn to assess the security of existing ICT solutions, and develop more secure solutions for the future.

Key courses: Network Security: Cryptography 1, Verification of Security Protocols, Security in Organisations, Security and Privacy in Mobile Systems.

Career prospects: ICT security is a hot topic, with excellent job opportunities. Some students join companies that specialise in security, such as security evaluation labs or consultancy companies while others work for organisations that heavily rely on ICT security, both in the private and public sector. Finally, some graduates go on to pursue a career in scientific or industrial research.

Unique characteristics:
- The Digital Security (DS) group at Radboud University is the largest research group in computer security in the Netherlands, with a strong international reputation.
- Internationally, the DS group is leading in research on smartcards and privacy-friendly identity management.
- The group hosts the Privacy & Identity Lab, a collaboration with Foundation for Internet Domain Registration in the Netherlands (SIDN), Tilburg Institute for Law, Technology, and Society (TILT) and TNO.

Best preparatory Bachelor's: Mathematics, Computer Science or a related programme.

› More information: www.ru.nl/masters/computersecurity

Science in Society

Specialisation of the Master's in Biology / Medical Biology / Molecular Life Sciences / Chemistry / Science / Physics and Astronomy / Mathematics / Computing Science

Science and technology clearly have a profound influence on society, but the reverse is also true: society significantly shapes the ways in which science and technology evolve. However, experience has shown that scientists on the one hand and the general public, government and businesses on the other aren't always able to clearly understand one another. That is why experts with a background in science and an understanding of social processes are indispensable. This specialisation will equip you with the tools and skills to become a professional intermediary between science and society whilst getting a broader societal perspective that will be useful in a scientific career.

Key courses: Risk Communication, Science & Societal Interaction, Science and Media, Framing Knowledge, Knowledge Society and Science & Public Policy.

Career prospects: You could work for intermediary organisations between science and society such as policy and advisory bodies, interest groups and governments. You could also work in interdisciplinary research that connect science and society, or as a journalist, communication advisor or information officer.

Unique characteristics:
- A programme in which you further develop your knowledge in your scientific field in the first year and then learn to connect scientific knowledge with divergent perspectives and interests of various stakeholders in your second year.
- This specialisation is closely connected to the Institute for Science Innovation & Society (ISIS); this institute brings together a group of experts from various disciplines and backgrounds in order to jointly tackle societal issues.
- It's a great experience to work together with students from various disciplines and backgrounds.
- You'll get to work in positions that deal with complex real-world issues while still being able to closely enjoy the wonders of scientific research.

Best preparatory Bachelor's: Chemistry, Physics, Biology, Mathematics, Computing Science or a related degree that admits you to one of the Master's programmes of the Faculty of Science.

› More information: www.ru.nl/masters/scienceinsociety

Science, Management and Innovation

Specialisation of the Master's in Biology / Medical Biology / Molecular Life Sciences / Chemistry / Science / Physics and Astronomy / Mathematics / Computing Science

Both the public sector and businesses struggle with the question of how to cope with sustainability, health and energy and IT security issues. Many of the challenges that society faces are rooted in the natural or computer sciences but have strong links to other

disciplines. Solutions require scientists with an additional understanding of the societal aspects of these problems, and the ability to speak the language of and work with people from other disciplines.

This specialisation will teach you what is happening in the world of business and public administration, how innovation is managed in company strategies, how government designs policy and how that interacts with societal challenges.

Key courses: Innovation Management, Policy & Economics, Entrepreneurship, theme courses.

Career prospects: The specialisation prepares students for careers such as policymaker, R&D manager or sales manager in a company, project manager or consultant. Several of our graduates have gone on to become entrepreneurs and start their own company, but others work for civil society organisations or applied research for society.

Unique characteristics:

- A programme in which you further develop your knowledge in your scientific field in the first year and then learn to apply your science-based background to a business or policy question in your second year.
- You'll gain working experience outside of academia during your Master's and in that way increase your job chances.
- It's a great experience to work together with students from various disciplines and backgrounds.
- You create a unique profile by choosing from one of the following five themes: Climate & Energy, Health, Water & Biodiversity (only for Biology Master's), Managing ICT innovations (only for Computing Science Master's), Security (only for Computer Security Master's)
- Best preparatory Bachelor's: Chemistry, Physics, Biology, Mathematics, Computing Science or a related degree that admits you to one of the Master's programmes of the Faculty of Science

› More information: www.ru.nl/masters/smi

Information Sciences

Master's programme with no specialisations

There is hardly a company in the world that doesn't use ICT in some shape or form and many of them face problems in getting ICT to do what it's supposed to do. The Master's programme in Information Sciences will teach you to become the digital architect who can look beyond mere technical sides to ICT adoption and assist in designing competitive business solutions. You'll become an expert designer and coordinator of information systems projects, with knowledge in data analysis and cyber law.

Key courses: Architectural System Design, Research Methods, Philosophy and Ethics for Computing and Information Sciences, Information Retrieval, Business Rules Specification, Application and Business Service Innovation

Career prospects: There is a large demand for well-trained information experts who can help implement sound, secure, user-friendly technology. Many of our students are offered jobs even before they graduate, as consultants, project managers or ICT specialists.

Unique characteristics:

- This specialisation offers a combination of data analysis, privacy law and cyber law.
- You'll form a solid technical, organisational and legal foundation, get hands-on experience and develop the insights needed to take a leading role in successful change programmes with active engagement from both technical savvy people and those unfamiliar with the field.
- Radboud University is well known in the field of information architecture, systems theory, and the quality and security of information systems.
- The second half of your programme offers the possibility of an internship, which in this field is paid and can contribute to financing your Master's study.
- You'll be taught by top researchers and ICT experts of the Institute for Computing and Information Sciences (iCIS) and the Privacy & Identity Lab.

Best preparatory Bachelor's: Information Sciences or a related programme.

› More information: www.ru.nl/masters/informationsciences

Faculty of Social Sciences

Anthropology and Development Studies (MSc)

Solidarity is one of today's main challenges. Highly volatile flows of people, goods and ideas, as well as the restructuring of markets and governing institutions have led to a high degree of global interconnectedness. In addition, neoliberal reforms of state and society across the globe rewrite social contracts between people and states. The Master's programme in Anthropology and Development Studies – which holds the theme Shifting Solidarities – is at the cutting-edge of both social and cultural anthropology and development studies. It draws on knowledge from other disciplines including sociology, political sciences, economics and geography. The issue of solidarity in a neoliberal, postcolonial world encompasses a wide array of anthropological and development questions. By developing their own research questions, students are encouraged to delve deeper into the most relevant local and global challenges on solidarity. These include poverty, sustainability, multiculturalism international social movements and private initiatives. The programme is designed for those who want to break with traditional paradigms.

Key courses: Solidarity in a Neoliberal World; Theorising Solidarities; Quantitative and Qualitative Research Methods; Research Design; Field Research; Thesis writing seminar.

Career prospects: Jobs in an (inter)national ambiance, including international research, journalism and policy making, for government agencies, NGOs, civil society organisations, and multilateralinstitutions such as the UN or the EU.

Unique characteristics:
- Voted the best Anthropology and Development Studies Master's programme in the Netherlands (2015) with an excellent international reputation
- Cutting edge learning and supporting facilities
- A wide range of international contacts and internship opportunities
- Interpersonal and international teaching approach
- Interactive debates

Best preparatory Bachelor's: Anthropology and Development Studies.

Language requirements:
- TOEFL score of ≥575 (paper based) or ≥232 (computer based) or ≥90 (internet based)
- IELTS score of ≥6.5
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of at least C

Start date: September
Duration: 1 year

› More information: www.ru.nl/masters/ads

Artificial Intelligence (MSc)

As humans, we may be intrigued by the complexity of any daily activity. How does it actually work to perceive, to act, to decide, and to remember? On the one hand, if we understand how our own intelligence works, we can use this knowledge to make computers smarter. On the other hand, by making computers behave more like humans, we may be able to learn about how our own cognition works.

The Radboud two-year Master's programme has a distinctly cognitive focus where computational modelling is the central methodology used to:
- Understand naturally intelligent systems
- Build artificially intelligent systems
- Improve the interaction between natural and artificial systems

Depending on the area of study, the computational models can range from behavioural models of millions of individuals interacting on the web, through functional models of human or robot decision making, to models of individual or networks of artificial neurons. The cognitive focus leads to a highly interdisciplinary programme where students gain skills and knowledge from a number of different areas such as mathematics and computer science, psychology and neuroscience, and a core foundation of artificial intelligence.

Specialisations:
- *Web* and Language Interaction, with key courses: Trends in Artificial Intelligence, AI at the Web-scale, App-lab: Intelligent Mobile Apps and Text Mining.
- *Robot* Cognition, with key courses: Trends in Artificial Intelligence, Human-robot interaction, Advances in Human Computer Interaction and Motor Control.
- *Computation* in Neural and Artificial Systems, with key courses: Trends in Artificial Intelligence, Bayesian Neurocognitive Modelling, Cognition & Complexity and Brain-Computer Interfacing in Practice.

Career prospects: A career in research (PhD); work for companies interested in both computers and humans; starting your own company to implement your visionary ideas.

Unique characteristics:
- Access to Robot Lab, Music Studio and EEG lab
- Closely related to research at the internationally renowned Donders Institute for Brain, Cognition and Behaviour, which has facilities for research such as EEG, fMRI and MEG, which students will use during their research
- Close cooperation with the Radboud Behavioural Science Institute and the possibility to work in its Virtual Reality Laboratory
- Two unique double degree options

Best preparatory Bachelor's: Artificial Intelligence, or an affiliated degree with a sufficiently strong AI-component.

Language requirements:
- TOEFL score of ≥575 (paper based) or ≥232 (computer based) or ≥90 (internet based)
- IELTS score of ≥6.5
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of at least C

Start date: September and February
Duration: 2 years

› More information: www.ru.nl/masters/ai

Behavioural Science (MSc - Research Master's programme)

This Master's programme uses a profoundly multidisciplinary approach to study the processes underlying human behaviour. The research is organised in three themes: Development & Learning, Psychopathology, Health and Well-Being, Social Processes and Communication. The programme trains students to become researchers in psychology, education, and related disciplines. It provides a strong theoretical underpinning in behavioural science, solid practical training in research skills, and a thorough training in advanced quantitative data analysis. Methodological approaches include behavioural measures taken through experiments, observations, virtual reality, and self-report, and neuroscientific, genetic and endocrinological techniques.

Theme courses: Behaviour Regulation; Neuroscience of Behaviour; Psychobiology of Behaviour; Socialisation and Education; Interpersonal Relations and Interactions; Behavioural Decision Making; Learning, Instruction, and Learning Problems; Developmental Psychopathology; Emotion; Dynamics of Complex Systems; Diagnosis and Treatment; Stress and Health Behaviour; Motivation and Influence; Psychopathology, Prevention and Intervention.

Career prospects: A career in academia (PhD); a researcher or policy advisor in government agencies or research institutes; a scientist-practitioner.

Unique characteristics:
- Voted top-rated Master's programme in the Netherlands 2014 and 2015
- Multidisciplinary and multi-method approach to the study of human behaviour
- Freedom in choice of courses
- Two individual research projects
- Research conducted within the internationally renowned Behavioural Science Institute (BSI)
- State-of-the-art research facilities at the BSI which Master's students are free to use
- Part of the BSI Graduate School
- Access to the facilities of the Donders Centre for Cognitive Neuroimaging

Nestor Zaragoza Jimenez (28)
From: Mexico
Master's programme: Cognitive Neuroscience
Specialisation: Plasticity and Memory

"I wanted to study the entire brain and I found Radboud University's multidisciplinary approach makes that possible. For every problem I faced in my research, I always found someone right on campus with the knowledge to help. Even researchers outside my team took the time to talk to me. I found it almost shocking how the principal investigator interacted with me; he was really interested in what I had to say. Every idea was valid. In Mexico there is more hierarchy. I learned about the power of collaboration: you need to share knowledge to gain more knowledge. Even when I leave Nijmegen, I will not lose the network I made."

Best preparatory Bachelor's: Psychology, Pedagogy, Educational Science, Communication Science, Biology, Artificial Intelligence, or a related programme.

Language requirements:
- TOEFL score of ≥600 (paper based) or ≥250 (computer based) or ≥100 (internet based)
- IELTS score of ≥7.0

Additional requirements:
- Good to excellent grades
- A strong motivation
- Evidence of interest in research is strongly recommended

Start date: September
Duration: 2 years

› More information: www.ru.nl/masters/bs

Cognitive Neuroscience (MSc - Research Master's programme)

This multi-faculty Master's programme studies the cognitive and neural basis of mental processes such as perception, action, language, attention and memory. It focuses on studying the human brain in a multidisciplinary approach, provided by the Donders Graduate School for Cognitive Neuroscience (DGCN). This Master's programme is a multi-faculty programme that includes researchers and lecturers from the Faculty of Social Sciences, Faculty of Medical Sciences, Faculty of Arts, Faculty of Science, and Faculty of Philosophy, Theology & Religious Studies.

Specialisations:
- Language and Communication
- Perception, Action and Control
- Plasticity and Memory
- Brain Networks and Neuronal Communication

Key courses: Trends in Cognitive Science; Neuroimaging I; Neuroimiging II, Neurophilosophy; Lab rotations.

Career prospects: Career in academia (PhD) or research organisations.

Unique characteristics:
- Voted the best Cognitive Neuroscience programme in the Netherlands (2010-2013 and 2015) with an excellent international reputation
- Personal supervision
- Multidisciplinary approach
- Close connection with research institutes: Donders Institute for Brain, Cognition and Behaviour; the Centre for Language Studies; the Max Planck Institute for Psycholinguistics; the Nijmegen Centre for Molecular Life Science and the Radboud University Medical Centre (Radboudumc)

Best preparatory Bachelor's: Psychology, Biology, Linguistics, Physics, Medicine Physics, Artificial Intelligence, Medicine, Behavioural Sciences or a related programme.

Language requirements:
- TOEFL score of ≥600 (paper based) or ≥250 (computer based) or ≥100 (internet based)
- IELTS score of ≥7.0
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of C or higher

Additional requirements:
- A strong motivation
- Good mathematical skills and knowledge of physics

Additional comments:
- This is a multi-faculty programme as lecturers and researchers from five faculties of Radboud University, including the Radboud UMC, are involved.
- For students with a strong background in physics and/or artifiicial intelligence a double degree with the affiliated Master's programmes in Neuroscience and in Artificial Intelligence is possible.

Start date: September and February
Duration: 2 years

› More information: www.ru.nl/masters/cns

Pedagogical Sciences (MSc)

For the Master's programme in Pedagogical Sciences you can choose from two English-taught specialisations, both with a specific focus: *Diversities in Youth Care* and *Gifted Education*. However you choose to tailor your studies, you will be trained by experts in your field. They will assist you in making the transition from theoretical study to independent practice, in which you can provide professional guidance and treatment to others.

The programme pays a great deal of attention to the experience gained during practice and placement. After graduation you will be well prepared for the current job market.

Diversities in Youth Care

In this Master's programme, you will learn how diversities such as ethnicity, religion, sex, sexual preference or socio-economic class may influence the kinds of problems children and young people experience. You will learn how problems are manifested differently, and in which ways you need to take these diversities into account as a professional pedagogue.

In the programme, you can focus on policy, research and/or education. Moreover, you can choose a specific target group or theme (e.g. ethnic minorities, sex, sexuality) and follow optional courses like Gender and Diversities in Organisations, or Poverty, Wellbeing and Social Justice.

You are encouraged to match both the practical training and the writing of your Master's thesis with the subject of your interest. We offer help facilitating your practical training in or outside the Netherlands in the spring semester.

Key courses for Diversities in Youth Care: International Perspectives on Treatment and Care; Dealing with Diversities in Care; Policy and Ethics and various specialisation courses

Career prospects: A job as a policy or research expert in organisations like Unicef, adoption organisations, the EU, local governance, or research organisations.

Gifted Education

Are you interested in the challenges and problems that gifted and talented children and adolescents meet in and outside the school? Do you want to play a part in meeting those challenges and solving those problems? Then this programme is the way to become a specialist in gifted education and care.

In lectures and study groups about learning processes and learning environment, you will gain insight into the specific characteristics and problems of students in general, and gifted children, adolescents and young adults in particular. You're encouraged to match both the practical training and the writing of your Master's thesis with the subject of your interest. We offer help facilitating your practical training in or outside the Netherlands in the spring semester.

Key courses for Gifted Education: Educating the Gifted; Learning Processes; Learning Environment; Juvenile Law, Policy and Ethics.

Career prospects: A job as an educational adviser in schools or consulting.

Unique characteristics:
- Strong link between theory and practice
- Experts on many developmental domains

Best preparatory Bachelor's: Pedagogical Sciences, Educational Studies, or a related programme.

Language requirements:
- TOEFL score of ›575 (paper based) or ≥232 (computer based) or ≥90 (internet based)
- IELTS score of ≥6.5
- Cambridge Certificate of Advanced English (CAE) or Certificate of Proficiency in English (CPE), with a mark of C or higher.

Start date: September and February
Duration: 1 year (60 ECTS)

› More information: www.ru.nl/masters/pedagogicalsciences

Social and Cultural Science (MSc - Research Master's programme)

This Master's programme is an intensive training for a group of approximately 15 students with a background in social sciences. The interdisciplinary programme covers a wide range of subjects from research into traditional societies in transition, to aspects of modernity in Western societies. Students are trained in social science theories and advanced research methods for cross-cultural comparative study. During the first year, students are trained in comparative social science theories, comparative methodology and advanced research methods, and they additionally complete a minor research project. During the second year, students complete a major research project under supervision of experienced researchers resulting in their Master's thesis.

Key courses: Comparative Societal Questions; Comparative Social Theories; Comparative Methodology; Comparative Sociological Research; Comparative Anthropological Research; Comparative Development Research; Mixed Methods; Qualitative Research Methods; Structural Equation Modelling; Categorical Data Analysis; Comparative Research Project.

Career prospects: A career in academia (PhD) or research institutes; policy and research work with national or international government agencies.

Unique characteristics:
- Voted top-rated Master's programme in the Netherlands (2015)
- Multidisciplinary and multi-method approach
- Cutting-edge learning and research facilities
- Quality ensured by small number of participants
- Personal supervision
- Close collaboration with the Nijmegen Institute for Social and Cultural Research (NISCO)

Best preparatory Bachelor's: Sociology, Cultural Anthropology, Development Studies, Communication Science, Economics, Political Science, Public Administration, Human Geography or a related programme.

Language requirements:
- TOEFL score of ≥600 (paper based) or ≥250 (computer based) or ≥100 (internet based)
- IELTS score of ≥7.0
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of C or higher

Addition al requirements:
- Interest in quantitative and/or qualitative research
- A strong motivation

Start date: September
Duration: 2 year

› More information: www.ru.nl/masters/scs

Nijmegen School of Management

Business Administration (MSc)

Business Administration – unlike similar programmes at other universities – emphasises the social processes that constitute organisations. How do social processes determine the ways in which organisations and management operate and perform? We have chosen an integrated approach, in which classical Business Administration topics are combined with social processes and relationships. This creates a better understanding of the importance of good management and can increase the performance of organisations of all kinds.

Specialisations:
- Business Analysis and Modelling
- International Management
- Marketing
- Organisational Design and Development
- Strategic Human Resource Management
- Strategic Management
- Flexible Master's programme: Innovation and Entrepreneurship

Key courses: Social, Sustainable and Technological Innovation; Marketing performance; Strategic Change; Organisation Design; Gender and Diversity in Organisations

Career prospects: Management and policymaking positions in the business community, government and the non-profit sector; advising administrators and managers; designing plans and organisational models and implementing them; researcher at a university or research institute.

Unique characteristics:
- Focus on social processes
- Both theoretical and practical aspects, combined with a thorough training in methodology
- Case studies; action-based and problem-based learning
- Visa Skills Lab facilities to design scenario analyses and stimulate decision-making processes within organisations

Required Bachelor's programme: Business Administration (BSc) from a research university. A pre-Master's programme might be offered to those without a BSc degree in Business Administration.

Language requirements:
- TOEFL iBT: score of ≥90, sub-scores ≥22
- IELTS Academic: overall band ≥6.5, all bands ≥6.5
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of C or higher

Additional requirements: At least 30 EC in your Bachelor's programme on methodology, statistics, mathematics or equivalent, otherwise a GMAT might be required or a pre-Master's programme might be offered.

Start date: September
Duration: 1 year

› More information: www.ru.nl/masters/business

Comparative Politics, Administration and Society (COMPASS) (MSc)

Comparative Politics, Administration and Society is a specialisation within the Master's programmes in Public Administration and Political Science. This specialisation has been designed to address the issues and impart the skills necessary for young professionals in contemporary politics and public administration. The specialisation focuses on the latest changes in policymaking and public administration due to emergence of transnational institutions, decision-making in complex multi-governance systems, social and demographic changes, and new technologies.

Key courses: Challenges to 21st Century Representative Democracy; Policy Reform; Multi-Level Governance; Europeanisation; Advanced Research Methods.

Career prospects: Jobs in international organisations such as the UN, the OECD and EU; public employers, such as local, regional and central government departments; think tanks and advisory bodies; consultancy firms; a career in research (PhD).

Unique characteristics:
- Small-scale, interactive teaching
- A wide range of elective courses is available and students choose their own thesis topic

Best preparatory Bachelor's: BA or BSc in Public Administration or in Political Science

Language requirements:
- TOEFL iBT: score of ≥90, sub-scores ≥22
- IELTS Academic: overall band ≥6.5, all bands ≥6.5
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of C or higher

Start date: September
Duration: 1 year

› More information: www.ru.nl/masters/cpas

Economics (MSc)

Economics at Radboud University is a study programme that could be called 'Economics Plus'; it offers more than just a Master's degree in Economics. In addition to the standard economics package, we will shift your knowledge frontier by offering you a broad perspective on economics, taking into account various disciplines. The programme covers contemporary issues in economics and business. You will acquire in-depth knowledge that can be applied in today's globalising business world. As a result of our excellent research reputation, we can guarantee that you will participate in a state-of-the-art programme. The main advantages of this Master's programme are its strong methodological orientation and broad perspective.

Specialisations:
- Accounting & Control
- Corporate Finance & Control
- Economics & Policy
- Financial Economics
- International Economics & Business
- International Economics & Development

Key courses: Pluralisms in Economics; Methods of Empirical Analysis; International Financial Markets; Culture and Economic Behaviour; Financial Risk Management; Accounting and Governance; Global Marketing; Inequality and Development.

Career prospects: Jobs as a economics professional for large and medium sized companies, consultancy firms, government and other not-for-profit organisations in the area of financial and management accounting and control; working for multinational enterprises and consultancy firms that advise on international mergers and acquisitions, and for international organisations like the UN or the World Bank; researcher (PhD).

Unique characteristics:
- Theoretical and practical aspects
- Interpersonal and social approach
- Latest insights on relevant economic, accounting, and financial trends
- Development of deep understanding, evaluation, and improvement of economic decision-making

Best preparatory Bachelor's: Economics (BSc). A pre-Master's programme might be offered to those without a BSc degree in Economics.

Language requirements:
- TOEFL iBT: score of ≥90, sub-scores ≥22
- IELTS Academic: overall band ≥6.5, all bands ≥6.5
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of C or higher

Start date: September
Duration: 1 year

› More information: www.ru.nl/masters/economics

Ivailo Sulichky (27)
From: Bulgaria
Master's programme: Economics
Specialisation: International Economics and Business
"I wanted to study in the Netherlands and Radboud University was judged the best university to study Economics. The programme is intense; very different to back home. There's a lot of reading and preparation is essential to be able to understand the lectures. It gives you a strong theoretical basis that will be useful later on the job. It does mean you really need to plan because if you slack, you lose. But with a bit of time management there's still plenty of opportunity to enjoy student life. There's much more to do in Nijmegen than I expected: festivals, bars, events. You'll run out of money before you run out of things to do."

EMSD: European Master in System Dynamics (MSc)

Joint programme with:
- University of Bergen, Norway
- University of Palermo, Italy
- New University of Lisbon, Portugal

This joint Master's programme is specifically designed for students who are interested in learning how to initiate strategic change in organisations by using computer simulation models. The programme builds on the strengths of four participating universities:
- Organisational Consultation and Group Model Building in Nijmegen
- Foundations of System Dynamics Model Building in Bergen
- Application of System Dynamics in Sustainability Issues in Lisbon
- Management, Planning and Control in Palermo

Key courses: Principles of Dynamic Modelling and Policy Design; Fundamentals of Dynamic Social Systems; Computer Simulation Models and Organisational Decision-making; Group Model Building; Strategic Decision-making.

Career prospects: Jobs with consultancy firms; with strategic planning departments of larger corporations, public administrations or NGOs, own business, academic career (PhD).

Unique characteristics:
- Two-year programme, study at three universities
- First international Master's programme in System Dynamics in Europe
- Gain cross-cultural experience
- Unique combination of model building and group facilitation skills taught to students

Best preparatory Bachelor's: Social Sciences, Management Sciences, Natural Sciences or Engineering Sciences.

Language requirements:
- TOEFL score of ≥90 (internet based) Paper based and Computer based TOEFL tests cannot be accepted due to regulations.
- IELTS Academic score of ≥6.5
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of C or higher

Start date: 15 August, at University of Bergen, Norway
Duration: 2 years
Deadline application for Erasmus Mundus scholarship: 1 December
Deadline for self-financing students: 10 February (non-EEA students), 10 April (EEA students)

› More information and online application: www.emsd.eu

PLANET Europe: European Spatial Planning, Environmental Policies and Regional Development (MSc)

Joint programme with:
- Cardiff University, Wales, United Kingdom
- Blekinge Institute of Technology, Karlskrona, Sweden

This joint Master's programme is the first integrated European Master's programme that offers a comprehensive education in the rich and dynamic area of European spatial planning, environmental policies and regional development. The programme prepares graduates for a career in strategic spatial planning in Europe and leads to an internationally-recognised double degree (MSc) from leading European planning schools.

Specialisations:
- European Spatial Planning and Sustainable Development (Nijmegen-Cardiff)
- European Spatial Planning and Regional Economic Development (Nijmegen-Karlskrona)

Key courses (semester 1 Nijmegen): Institutional perspectives on Societal Change and Spatial Dynamics; Comparative Planning; European Spatial Planning; International Environmental Politics; EU and Domestic; Researching Sustainability

Career prospects: A career in European institutions, regional and national public authorities; private authorities and NGOs, dealing with environmental planning, regional policy and spatial planning; an academic career (PhD).

Unique characteristics:
- Unparalleled view on international cooperation through studying in participating universities
- First-hand experience of different European planning systems and practices delivered by an international interdisciplinary group of professors and lecturers combined with professional practice

Best preparatory Bachelor's: Spatially oriented social science disciplines such as Spatial Planning, Human or Economic Geography, Environmental Planning, or other relevant social sciences.

Language requirements:
- TOEFL score ≥90 (Internet based), with sub-scores as follows: for listening ≥17, for speaking ≥20, for reading ≥18, for writing ≥ 20. Paper based and Computer based TOEFL tests cannot be accepted due to regulations.
- IELTS Academic score ≥6.5 (all sub-scores ≥5.5)
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of C or higher

Start date: September, at Radboud University
Duration: 2 years
Deadline application for Erasmus Mundus scholarship: 1 December
Deadline for self-financing students: 10 February (non-EEA students), 10 April (EEA students)

› More information and online application: www.planet-europe.eu

Environment and Society Studies (MSc)

How can we work towards a sustainable future? There are plenty of new sustainable technologies, smart governmental instruments and new ideas on organising the market, but we do not always embrace them. Why is that? What can we learn from successful examples of societal change in different countries?

This programme focuses on the way contemporary society deals with its physical environment. We'll look at experiences of countries all over the globe, at good and bad practises and at the role of markets and governments as well as society itself. You'll become part of the quest for sustainability such as greening our economies and changing daily behaviour. With the help from other disciplines like sociology, psychology, political science and administration, you'll gain the complete picture.

Specialisations:
- Global Environment and Global Sustainability
- Corporate Sustainability
- Local Environmental Change and Sustainable Cities
- European Spatial and Environmental Planning

Key courses: Sustainability and Societal Transformations; Institutional Perspectives of Societal Change and Spatial Dynamics; International Environmental Politics; Social, Sustainable and Technological Innovation; Globalising Cities and Hinterlands

Career prospects: You'll develop the necessary toolkit that any young professional needs who wishes to have a positive impact on a sustainable society by pursuing a career in the government, private sector (consultancy), non-profit sector (NGOs) or academic world (PhD).

Unique characteristics:
- Focuses on societal and political transformations towards sustainability
- Puts theory into practice
- Offers personal interactive classes given by dedicated staff
- Gives maximum freedom of choice for specialisations
- Gives access to an international career

Best preparatory Bachelor's: Academic Bachelor's degree (BSc) in Environmental Sciences, Spatial Planning, Human Geography or relevant social science disciplines.

Language requirements:
- TOEFL iBT: score of ≥90, sub-scores ≥22
- IELTS Academic: overall band ≥6.5, all bands ≥6.5
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of C or higher

Start date: September
Duration: 1 year

› More information: www.ru.nl/masters/environment

European Spatial and Environmental Planning (MSc)

The Master's specialisation in European Spatial and Environmental Planning (ESEP) focuses on the international and European dimensions of spatial and environmental planning. You'll study the EU institutional context and how EU policy influences spatial and environmental planning in the member states and regions. A core strength of this programme is the combination of a thorough theoretical and methodological foundation, with a focus on comparative research, to prepare graduates for a professional or academic career in spatial and environmental planning.

Key courses: Institutional Perspectives on Societal Change and Spatial Dynamics; Comparative Planning; International Environmental Politics; The EU and Domestic Impact; Economy, Space and Environment; European Spatial Planning and Territorial Cooperation; and Research Methodology (each 6 EC). The individual Master's thesis (24 EC) is an important aspect of the Master's.

Career prospects: A career in European, national and regional public authorities; consultancies and NGOs dealing with environmental policy, spatial planning or regional development; a career in academia (PhD).

Unique characteristics:
- Small student groups and interactive seminars
- Personal supervision for every student's Master's thesis
- Close links between the curriculum and research within the Nijmegen School of Management
- Research seminars and lectures by visiting professors
- International networks and the possibility for research or study abroad

Best preparatory Bachelor's: Spatially oriented disciplines such as Spatial Planning, Human Geography, Environmental Policy, or other social sciences.

Language requirements:
- TOEFL iBT: score of ≥90, sub-scores ≥22
- IELTS Academic: overall band ≥6.5, all bands ≥6.5
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of C or higher

Start date: September
Duration: 1 year

› More information: www.ru.nl/masters/esep

Human Geography (MSc)

Human Geography is a research field that focuses on studying the spatial behaviour of people, firms, and organisations. Or, to put it simply, it is a study programme that observes the relationship between human activities and their spatial environment. Because it is an integrative discipline, Human Geography serves as an excellent platform for integrating knowledge from various related disciplines, such as sociology, anthropology, psychology, history, political science, international relations, philosophy, economics, business administration and development studies.

Specialisations:
- Conflicts, Territories and Identities
- Economic Geography
- Europe: Governance, Borders and Identities
- Globalisation, Migration and Development
- Urban and Cultural Geography
- Free specialisation: combination of courses of your own choice

Key courses: Economic Geographies; City and Region Marketing; Geopolitics of Borders; Conflicting Theories; Political and Geographical Conflict Resolution; Cross-Border Governance; Urban and Cultural Geography; Globalising Cities; International Migration and Development; Multiculturalism, Diversity and Space; Economy, Space and Culture.

Career prospects: Jobs at (international) research institutes, international companies, or at consultancy firms. Top-ranking positions, in private industry as well as in national and international governmental and non-governmental organisations can also be found.

Unique characteristics:
- International and interpersonal approach
- Small groups
- Cutting-edge contents
- Research facilities and a wide range of internships
- Field excursions abroad within selected specialisations
- Possibility to do Master's programme in Dual Mode
- According to external evaluations, one of the best Human Geography Master's programmes in the Netherlands

Best preparatory Bachelor's: A Bachelor's in a geography-related discipline, such as Spatial Planning, Geography, Environment, International Relations, Social Sciences etc.
For the specialisation Conflict, Territories and Identities there are additional requirements.

Language requirements:
- TOEFL iBT: score of ≥90, sub-scores ≥22
- IELTS Academic: overall band ≥6.5, all bands ≥6.5
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of C or higher

Start date: September
Duration: 1 year

› More information: www.ru.nl/masters/humangeography

Political Science (MSc)

Power shapes politics, but what shapes power in the 21st Century? Political Science offers a unique opportunity for highly motivated students to prepare for a rewarding career in leading positions in the public and private sector.

Specialisations:

International Relations
In this specialisation you learn to investigate global cooperation and conflict from different perspectives and to analyse the essential players that shape global politics: governments, international organisations, media, businesses and NGOs.

Political Theory
This specialisation gives you the opportunity to study various aspects of the relationship between political power and morality. The central question here is whether political principles, institutions, and practices can ever be legitimate.

Comparative Politics
This specialisation focuses on political challenges faced by contemporary (non-)democracies in a globalising world, such as growing inequalities, new demands on representative institutions, and pressures created by both migration and demographic change.

Comparative Politics, Administration and Society (COMPASS)
For more information about this specialisation, see page 40.

Key courses: Current Debates in International Relations Theory; Global Political Economy; Contested (non)Democracies: Fragmentation, Conflict and Consensus in Contemporary Politics; Challenges to 21st Century Democracy.

Career prospects: Jobs in consulting, (inter)national diplomacy, with the EU, in local, regional and national government, with business, (international) NGOs, media and think-tanks.

Unique characteristics:
- Ranked best Master's programme in Political Science by students in Elsevier's Higher Education Supplement and in Keuzegids Masters 2013, 2014 and 2015
- Small groups
- Research facilities and wide range of internship selection

Best preparatory Bachelor's: Political Science or International Relations. A BA or BSc in Public Administration gives access to the COMPASS and Comparative Politics specialisations.

Language requirements:
- TOEFL iBT: score of ≥90, sub-scores ≥22
- IELTS Academic: overall band ≥6.5, all bands ≥6.5
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of C or higher

Start date: September
Duration: 1 year

› More information: www.ru.nl/masters/politicalscience

Faculty of Philosophy, Theology & Religious Studies

Philosophy (MA - Research Master's programme)

Philosophy has a unique role in contemporary society. Unlike other academic disciplines, its subject matter is not limited to one set of questions, or one domain of investigation. Philosophers poke their noses into all aspects of science and society. In order to do this, they must possess two essential skills: the ability to analyse complex issues logically and conceptually, and the ability to document their conclusions in clear and persuasive language. Such skills are not innate, they require intensive training. This programme is the first professional step towards the acquisition of these skills.

Specialisations:
- Metaphysics and Epistemology
- Philosophical Anthropology
- Social and Political Philosophy
- Philosophical Ethics
- Philosophy of Mind
- History of Philosophy
- Philosophy of Language and Logic

Key courses: Philosophical ethics; Methodology; Mind and Action; History of Philosophy; Philosophy of Language; Social and Political Philosophy.

Career prospects: More than 60 percent of our graduates have obtained a PhD position in the Netherlands or abroad. Other graduates have found employment in politics, administration, journalism and education.

Unique characteristics:
- A combination of internationally acclaimed research and excellent teaching
- An extensive offer of research seminars in the history of philosophy, continental philosophy and analytical philosophy
- A personal supervisor who guides you throughout the programme
- A high chance of obtaining a PhD position in the Netherlands or abroad
- An excellent preparation for post-graduate life by means of the specialised character of the Research Master's thesis, which is composed of a publishable article and of a PhD research proposal
- An international climate of obtaining a PhD position in the Netherlands or abroad

Best preparatory Bachelor's: Philosophy or a related programme.

Alex Williams (34)
From: England
Master's programme: Philosophy
Specialisation: Philosophy of Language and Logic
"It can be very difficult to find a Philosophy master's in English on the continent. Radboud University not only offers a Research Master's in Philosophy, but thanks to the wide range of specialisations I found a programme that really suited my interests. The programme really is challenging. Teachers expect quite a lot from you. They give you free range to find a research topic, which is great but also daunting. They do give plenty of guidance, though. 'You're interested in this? Well, have a look at this, and this, and this research.' I loved going away with lots to read that inspired me to form my own ideas."

Language requirements:
- TOEFL score of ≥577 (paper based) or ≥233 (computer based) or ≥90 (internet based)
- IELTS score of ≥6.5
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of at least C

Additional requirements:
- A grade average of at least 7.5 in the 2nd and 3rd years of your Bachelor's studies. A weighted grade-point average in philosophy in the 2nd and 3rd year of your Bachelor's studies must be the equivalent of 7.5 or more (on the Dutch scale of 10).
- A strong motivation.

Start date: September and February
Duration: 2 years

› More information: www.ru.nl/masters/philosophy

Philosophy and Science (MA)

Philosophy and science don't mix. Or do they? What we nowadays call 'science' used to be part of 'philosophy'. Both Isaac Newton and Charles Darwin saw their most famous works as treatises in natural philosophy. And today, the two are still closely connected. We look to science for both answers to our theoretical questions and solutions to our practical problems. The Master's specialisation in Philosophy and Science analyses the relation of philosophy and science in terms of their historical development, as well as the current situation. Students will get a better understanding of the evolution, the current status and the implications of the scientific worldview.

Key courses: Evolution of Body and Mind; Philosophical Issues; Science, Technology and the Human Condition; Evolution and the Mind; Bioethics for Life Scientists; Environmental Ethics

Career prospects: Professionally, it prepares you for several possible avenues, including science administration, research, journalism, and policy-making.

Unique characteristics:
- Philosophy as subject is an integral part of all the faculties, making it easy to combine Philosophy with any discipline and to contact researchers in all fields.
- The programme is run by the Centre for the History of Philosophy and Science: the only centre in the world that studies philosophy and science as historically intertwined phenomena.
- Teaching takes place in a stimulating, collegial setting with small groups.

Best preparatory Bachelor's: Philosophy or other with a philosophical component of at least 60 EC.

Language requirements:
- A TOEFL score of ≥577 (paper based) or ≥233 (computer based) or ≥90 (internet based)
- A IELTS score of ≥6.5
- Cambridge Certificate of Advanced English (CAE) or Certificate of Proficiency in English (CPE) with a mark of C or higher

Start date: September and February
Duration: 1 year

Philosophy and Science is a specialisation within the Master's in Philosophy.

› More information: www.ru.nl/masters/philosophyandscience

Theology (MA)

The Master's programme in Theology at Radboud University is a comprehensive academic programme in which students can choose a general programme or to specialise in one of the following disciplines: Literary, Historical, Systematic or Practical Theology. In the programme, students become adept at analysing the central concepts and practices of faith in order to contribute to the implementation of the tasks of theology in our current world, especially science, church and society.

Specialisations:
Students can choose a broad programme focussing on all disciplines, or specialise in one of the following specialisations:
- Biblical Exegesis: the study of the source texts of Judaism and Christianity
- History of Church and Theology: Church History, Historical Theology, Canon Law
- Systematic Theology: Fundamental Theology, Dogmatic Theology, Theological Ethics, Spirituality, Philosophy of Religion, Intercultural Theology
- Practical Theology: Pastoral Theology, Missiology, Liturgical Studies, Feminist Theology

Key courses: In the first two years students will follow seminars on at least three of the four disciplines, giving them a broad theological basis. At the same time students can choose to focus on one of the specialisations. In the third year, all students conduct research in one of the four disciplines. This research may be done outside the Netherlands.

Career prospects: Scientific researcher, spiritual counsellor, teacher of religious studies, or administrative manager.
Unique characteristics:
- The programme is closely linked to research carried out by the Faculty of Theology
- All students have a personal tutor and work in an inspiring, international environment
- Partial scholarships available

Best preparatory Bachelor's: Theology, or a related programme, e.g. Religious Studies

Language requirements:

- TOEFL score of ≥550 (paper based) or ≥213 (computer based) or ≥80 (internet based)
- IELTS score of ≥6.5
- Cambridge Certificate of Advanced English (CAE) or Proficiency in English (CPE), with a mark of at least C

Start date: September and February
Duration: 3 years

› More information: www.ru.nl/masters/theology

Reasons why *Nijmegen* is a good place to be!

1. It's a medium sized town that is well organised and safe.
2. Everything is easily accessible, all services are readily available (financial, educational, medical).
3. It's a lively student town with lots of green spaces, surrounded by beautiful varied countryside. Ten minutes cycling from the city centre will take you into the forest or to the river.
4. Nijmegen has a very rich cultural life: you will find the best Arthouse in the Netherlands offering films from around the world; debate; festivals; concerts; art courses; theatre and classical music.
5. There are lots of good places to eat, from fine dinging to budget street food from around the world.

6 It's an excellent hub for exploring the Netherlands and the rest of Europe. Amsterdam is less than 90 minutes away by train and from the low cost airports nearby you can fly easily and cheaply to London, Paris or any other European city.

7 Most people use their bicycle to get around, using the large and safe network of cycle paths.

8 Shopping is great! There are open markets on Saturdays and Monday and you will find most well known chain shops here as well as small boutique shops.

9 There are lots of good cafes throughout the town and exiciting night life opportunities in the city centre.

Overview of Master's programmes 2016-2017

Page	Title	Programme	Duration	Tuition EEA students	Tuition non-EEA students	Deadline EEA students	Deadline non-EEA students	Language requirements	Start
Faculty of Arts									
18	MA	Creative Industries	1 year	€ 1,984	€ 9,232	1 May & 1 December	1 April & 1 November	• TOEFL 575/232/90 • IELTS 6.5 • CAE/CPE C or higher	September & February
18	MA	Historical, Literary and Cultural Studies	2 years	€ 1,984	€ 9,232	15 April	15 February	• TOEFL 600/250/100 • IELTS 7.0 • CAE/CPE C or higher	September
19	MA	Eternal Rome: Transformations from Antiquity to the Middle Ages	1 year	€ 1,984	€ 9,232	1 May	1 April	• TOEFL 575/232/90 • IELTS 6.5 • CAE/CPE C or higher	September
19	MA	International Business Communication	1 year	€ 1,984	€ 9,232	1 May	1 April	• TOEFL 580/237/92 • IELTS 7.0 overall, 6.5 writing • CAE B or higher, CPE C or higher	September
20	MA	Language and Communication	2 years	€ 1,984	€ 9,232	15 April	15 February	• TOEFL 600/250/100 • IELTS 7.0 • CAE/CPE C or higher	September
21	MA	Linguistics	1 year	€ 1,984	€ 9,232	1 May & 1 December	1 April & 1 November	• TOEFL 575/232/90 • IELTS 6.5 • CAE/CPE C or higher	September & February*
21	MA	North American studies	1 year	€ 1,984	€ 9,232	1 May	1 April	• TOEFL 600/250/100 • IELTS 7.0 • CAE/CPE B or higher	September
Faculty of Law									
22	LLM	European L aw	1 year	€ 1,984	€ 9,232	1 May & 1 December	1 April & 1 November	• TOEFL iBT >87 • IELTS 6.5 • CAE/CPE C or higher	September & February**
Faculty of Medical Sciences									
23	MSc	Biomedical Sciences	2 years	€ 1,984	€ 10,137	1 May	1 April	• TOEFL 575/232/90 • IELTS 6.5 • CAE/CPE C or higher	September
24	MSc	Molecular Mechanisms of Disease (research Master's)	2 years	€ 1,984	€ 10,137	1 May	1 April	• TOEFL 600/250/100 • IELTS 7.0 • CAE/CPE C or higher	September
Faculty of Science									
25	MSc	Biology	2 years	€ 1,984	€ 10,137	1 May	1 April	• TOEFL 575/232/90 • IELTS 6.5 • CAE/CPE C or higher	September
25	MSc	Chemistry	2 years	€ 1,984	€ 10,137	1 May	1 April	• TOEFL 575/232/90 • IELTS 6.5 • CAE/CPE C or higher	September
25	Msc	Computing Science	2 years	€ 1,984	€ 10,137	1 May	1 April	• TOEFL 575/232/90 • IELTS 6.5 • CAE/CPE C or higher	September
25	MSc	Information Sciences	1 year	€ 1,984	€ 10,137	1 May & 1 December	1 April & 1 November	• TOEFL 575/232/90 • IELTS 6.5 • CAE/CPE C or higher	September & February
25	MSc	Mathematics	2 years	€ 1,984	€ 10,137	1 May	1 April	• TOEFL 575/232/90 • IELTS 6.5 • CAE/CPE C or higher	September
25	MSc	Medical Biology	2 years	€ 1,984	€ 10,137	1 May	1 April	• TOEFL 575/232/90 • IELTS 6.5 • CAE/CPE C or higher	September
25	MSc	Molecular Life Sciences	2 years	€ 1,984	€ 10,137	1 May	1 April	• TOEFL 575/232/90 • IELTS 6.5 • CAE/CPE C or higher	September
25	MSc	Science	2 years	€ 1,984	€ 10,137	1 May	1 April	• TOEFL 575/232/90 • IELTS 6.5 • CAE/CPE C or higher	September

* Language and Communication Coaching starts in September only.
** Insolvency Law starts in September only.

Page	Title	Programme	Duration	Tuition EEA students	Tuition non-EEA students	Deadline EEA students	Deadline non-EEA students	Language requirements	Start
25	MSc	Physics and Astronomy	2 years	€ 1,984	€ 10,137	1 May	1 April	• TOEFL 575/232/90 • IELTS 6.5 • CAE/CPE C or higher	September
Faculty of Social Sciences									
36	MSc	Anthropology and Development studies	1 year	€ 1,984	€ 9,232	1 May	1 April	• TOEFL 575/232/90 • IELTS 6.5 • CAE/CPE C or higher	September
36	MSc	Artificial Intelligence	2 years	€ 1,984	€ 10,137	1 May & 1 December	1 April & 1 November	• TOEFL 575/232/90 • IELTS 6.5 • CAE/CPE C or higher	September & February
37	MSc	Behavioural Science (research Master's)	2 years	€ 1,984	€ 9,232	1 May	1 April	• TOEFL 600/250/100 • IELTS 7.0 • CAE/CPE C or higher	September
38	MSc	Cognitive Neuroscience (research Master's)	2 years	€ 1,984	€ 10,137	1 May & 1 December	1 April & 1 November	• TOEFL 600/250/100 • IELTS 7.0 • CAE/CPE C or higher	September & February
38	MSc	Pedagogical Sciences	1 year	€ 1,984	€ 9,232	1 May & 1 December	1 April 1 November	• TOEFL 575/232/90 • IELTS 6.5 • CAE/CPE C or higher	September & February
39	MSc	Social Cultural Science (research Master's)	2 years	€ 1,984	€ 9,232	1 May	1 April	• TOEFL 600/250/100 • IELTS 7.0 • CAE/CPE C or higher	September
Nijmegen School of Management									
40	MSc	Business Administration	1 year	€ 1,984	€ 9,232	1 May	1 April	• TOEFL iBT ≥90, sub ≥22 • IELTS Academic ≥6.5, sub ≥6.5 • CAE/CPE minimum mark C	September
40	MSc	Comparative Politics, Administration, and Society (COMPASS)	1 year	€ 1,984	€ 9,232	1 May	1 April	• TOEFL iBT ≥90, sub ≥22 • IELTS Academic ≥6.5, sub ≥6.5 • CAE/CPE minimum mark C	September
41	MSc	Economics	1 year	€ 1,984	€ 9,232	1 May	1 April	• TOEFL iBT ≥90, sub ≥22 • IELTS Academic ≥6.5, sub ≥6.5 • CAE/CPE minimum mark C	September
42	MSc	EMSD: European Master in System Dynamics	2 years	€ 4,000	€ 8,000	1 December 2015 10 April 2016	1 December 2015 10 February 2016	• TOEFL iBT ≥90, sub ≥22 • IELTS 6.5 • CAE/CPE minimum mark C	15 August
42	MSc	PLANET Europe: European spatial planning, environmental policies and regional development	2 years	€ 4,000	€ 8,000	1 December 2015 10 April 2016	1 December 2015 10 February 2016	• TOEFL iBT ≥90 • IELTS Academic ≥6.5 • CAE: minimum mark B • CPE: minimum mark C	September
43	MSc	Environment and Society Studies	1 year	€ 1,984	€ 9,232	1 May	1 April	• TOEFL iBT ≥90, sub ≥22 • IELTS Academic ≥6.5, sub ≥6.5 • CAE/CPE minimum mark C	September
44	MSc	European Spatial Environmental Planning	1 year	€ 1,984	€9,232	1 May	1 April	• TOEFL iBT ≥90, sub ≥22 • IELTS Academic ≥6.5, sub ≥6.5 • CAE/CPE minimum mark C	September
44	MSc	Human Geography	1 year	€ 1,984	€9,232	1 May	1 April	• TOEFL iBT ≥90, sub ≥22 • IELTS Academic ≥6.5, sub ≥6.5 • CAE/CPE minimum mark C	September
44	MSc	Political Science	1 year	€ 1,984	€ 9,232	1 May	1 April	• TOEFL iBT ≥90, sub ≥22 • IELTS Academic ≥6.5, sub ≥6.5 • CAE/CPE minimum mark C	September
Faculty of Philosophy, Theology and Religious Studies									
45	MA	Philosophy (research Master's)	2 years	€ 1,984	€ 9,232	1 May & 1 December	1 April & 1 November	• TOEFL 577/233/90 • IELTS 6.5 • CAE/CPE C or higher	September & February
46	MA	Philosophy and Science	1 year	€ 1,984	€ 9,232	1 May & 1 December	1 April & 1 November	• TOEFL 577/233/90 • IELTS 6.5 • CAE/CPE C or higher	September & February
46	MA	Theology	3 years	€ 1,984	€ 1,984	1 May & 1 December	1 April & 1 November	• TOEFL 575/232/90 • IELTS 6.5 • CAE/CPE C or higher	September & February

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