Radboud Summer School
www.ru.nl/radboudsummerschool
6 - 18 August 2017
change perspective
Radboud University
Welcome to Radboud Summer School

Join our international academic community next summer! Radboud Summer School offers challenging scientific courses with an exciting blend of lectures, excursions and social activities.

Imagine spending your summer in Nijmegen, the oldest city in the Netherlands, for an intense learning experience that will make an unforgettable impact. Not only will you enhance your knowledge but also expand your international network.

Renowned dedicated staff from Radboud University, Radboud University Medical Centre and guest lecturers from international partner universities will share their knowledge, skills and experiences with you in interactive lectures and workshops.

In this brochure you will find an overview of our courses. More detailed information can be found on our website: www.ru.nl/radboudsummerschool

We invite you to spend your summer the smart way, come and join us in 2017!

Prof. Dr. Margot van Mulken
Radboud Summer School Dean
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Radboud Summer School

Radboud Summer School is organized by Radboud University, one of the leading academic centres of excellence in the Netherlands, in cooperation with Radboud university medical centre.

Radboud University is a broad, international oriented university that aspires to be one of the best in Europe. Radboud University challenges its students to actively participate in the academic community and trains them to be critical and committed academics. The university’s academic staff come from all over the world, and a large proportion of our student population has spent at least some months studying at a university abroad. For its core activities of research and teaching, Radboud University draws its inspiration from academic curiosity and the demands placed upon the university by society.

Our summer school is intended for both international and Dutch students and offers 46 different courses at the Bachelor’s, Master’s and PhD level. All courses are taught in English.

Renowned academic staff from Radboud University and its international partners will offer courses that will inspire students and researchers and provide them with the opportunity to extend their network.

We offer courses in the fields of

- Brain & Behaviour
- Business & Economics
- Education
- Health Care
- Language & Culture
- Law & Politics
- History, Philosophy and Religion
- Social Sciences
- Science

Certificate of Attendance

Radboud summer courses are intensive courses with an exciting blend of lectures, workshops and excursions. You will be awarded a certificate of attendance for actively participating and successfully completing all assignments in a Radboud Summer School course. Many of the courses also award ECTS credits. In the description of each course you will find more information about the number of credits you can earn. The number of credits you earn will be listed on the certificate of attendance.

ECTS credits

Student workload at Dutch universities is expressed in ECTS credits. ECTS stands for European Credit Transfer and Accumulation System, a system widely used throughout the European Union. In the Netherlands, each ECTS credit represents 28 hours of work. We would like to point out that recognition of credits is at the discretion of your home institution.
Seven Reasons to Choose Radboud Summer School

1. **46 different courses to choose from**
   Radboud Summer School is one of Europe’s leading Summer Schools. It offers 46 different courses in varying academic fields and levels. Many courses are research-oriented and focus on topics that are at the forefront of current scientific knowledge.

2. **Dedicated top level course leaders**
   All courses are carefully selected on the basis of quality, impact and course leaders. More than 100 top level researchers and lecturers made room in their summer holiday agenda to share their knowledge, skills and experiences with you.

3. **International community / expand your network**
   We expect a large number of dedicated, international students and researchers from several academic disciplines. All of our courses are located on the Radboud Campus, so our campus will be the ideal environment to meet interesting new people within and outside your academic discipline.

4. **Great value for money**
   Our course fees include: registration fee, course materials, access to library and IT facilities, coffee/tea, lunch, and a number of social activities.

5. **Interesting social programme**
   The social programme includes some exciting activities. Free of charge are the welcome reception, sports activity, guest lecture, pub quiz and farewell drink.

6. **Private accommodation for every participant**
   Each participant will be allocated a private furnished room with bed linen and free use of internet. Bathroom and kitchen have to be shared with fellow participants. All rooms are within biking and public transport distance of the university campus.

7. **Green campus, safe city**
   The summer school takes place on the campus of Radboud University, the greenest and most beautiful campus of the Netherlands. Both the city of Nijmegen and the university have an open and friendly atmosphere where students and staff feel safe and at home.
Overview Courses 2017

7 - 11 August 2017:

- Addictive Behaviours, from the Bar to the Brain
- Being in an Online World - Towards a New Digital Psychology
- Citizenship and Migration: Europe's 21st Century Challenges
- Discover the Netherlands: Field Trips to Amsterdam, Utrecht and Nijmegen!
- Equity, Leadership & Transformation in the Global Classroom
- Excellence Beyond Borders: Gifted Education in Europe
- Excitons in Nanostructures
- Governing the Climate? Science, History and Politics of the UNFCCC
- How to Become an Excellent Lecturer?
- Improving Quality of Preclinical Animal Studies Using the Systematic Review Methodology
- The Ins and Outs of Kidneys: From Physiomics to Transplantation
- Peer Relations and Interactions in Childhood and Adolescence
- Planning for Sustainable Accessibility and Smart Mobility
- Positive Psychology: The Science behind Flourishing Individuals and Organizations
- Psychology of Fashion and Beauty
- Quantum in the Summer
- The Roma and Sinti and the Holocaust: Remembering the Past, Shaping the Future
- Social Movements and Politics in 21st Century Latin America
- Things to Remember: Materiality, Memory and Identity

7 - 18 August 2017:

- Chinese Studies: Chinese Language, Culture and Intercultural Communication
- Decision Analysis: Theory and Practice
- The Physics and Engineering of Life Forms

14 - 18 August 2017:

- Biofilms: From Molecular Anatomy to Supramolecular Systems
- Brexit: The Legal Process and its Implications for the UK and the EU
- Buying Happiness: Introduction to Consumer Behaviour and Media Psychology
- Climate Change Mitigation: Options and Policies
- Comparative and International Dispute Resolution
- Conducting Fieldwork in (Post-)Conflict Environments
- Designing and Developing Responsible Organisations
- Dutch Culture and Language
- Dynamic Business Models
- Gender & Diversity: Core Concepts in Society and Science
- Inter-Organizational Networks: Managing Success in an Interconnected World
- Introduction to Cognitive Neuroscience: From Molecule to Behaviour
- Leadership and Identity: The Integration of Spirituality in Healthcare, Welfare and Education
- Literacy and the Socio-Economic Development of Sub-Saharan Africa: Theory and Practice
- Math and Mathlab for Neuroscientists
- Migrants, Refugees and Religion: Global and Comparative Perspectives
- Molecules, Mice and Math: A Statistical Toolbox for the Lab
- Mysticism & Modern Critique
• Positive Psychology: The Science behind Flourishing Individuals and Organizations
• Private International Law within the European Union
• Qualitative Methods
• Stress and Cognition: From Basic Mechanisms to Psychopathology
• 22 Years of South African Democracy: A Review of HIV, Gender & Sexuality
• Zebrafish as Models in Biomedical Research: Focus on Gene, Brain and Behaviour
Short Description of Courses

22 Years of South African Democracy: A Review of HIV, Gender & Sexuality

Level: Bachelor, Advanced Bachelor, Master  
Date: Monday 14 August – Friday 18 August 2017  
Course leader: Michelle Munro  
Manager of HIV and sexuality portfolio, Stellenbosch University  
Jaco G Brink  
Coordinator Communication and Research, Stellenbosch University  

Short description: 22 years into democracy: how far have we come regarding HIV & AIDS, gender and sexuality in post-apartheid South Africa? This interactive course aims to develop a global understanding of HIV and AIDS, gender and sexuality through a health and social justice perspective, with a specific focus on the South African experience.

Addictive Behaviours: From the Bar to the Brain

Level: Master, PhD, Postdoc, Professional  
Date: Monday 7 August - Friday 11 August 2017  
Course leader: Dr. Arnt Schellekens, Psychiatrist & Scientific Director NISPA Radboudumc  

Short description: Addiction is among the leading causes of disability, mortality with an enormous societal impact. The Radboud University offers a unique, interdisciplinary and highly innovative environment to learn about the mechanisms involved in addiction and acquire skills to ally with addicted individuals.

Being in an Online World - Towards a New Digital Psychology

Level: Advanced Bachelor, Master, PhD  
Date: Monday 7 August - Friday 11 August 2017  
Course leader: Dr. Jens Binder  
Senior Lecturer in Psychology  
Department of Psychology, Nottingham Trent University  

Short description: Do new technologies change the way we think, feel and act? This course takes a look at recent research on the social and cognitive psychology behind our interactions with the online world. Participants will explore a range of topics related to the novel challenge that digital technology poses.

Biofilms: From Molecular Anatomy to Supramolecular Systems

Level: Master, PhD  
Date: Monday 14 August – Friday 18 August 2017  
Course leader: Prof. David Stopar, Professor of Microbiology  
Department of Food Science and Technology, University of Ljubljana  

Short description: The plaque that forms on our teeth, clogged drains, slimy rocks in a river are just a few examples of microbial biofilms that we come into contact every day. After a very successful 2016 edition is here an improved version of the course that will provide detail molecular information about structure and function of microbial biofilms.
Brexit: The Legal Process and its Implications for the UK and the EU

Level: Bachelor, Advanced bachelor, Master
Date: Monday 14 August – Friday 18 August 2017
Course leader: John Hodgson MA LLM, Reader in Legal Education
Nottingham Law School, Nottingham Trent University
Short description: The decision of the UK electorate, by a narrow majority, to vote to leave the EU has had great, and as yet unresolved political consequences. It may well also have major economic consequences for the UK and the EU. However, it also has significant legal consequences, as the process and consequences of Brexit must be encompassed within the legal orders of the UK, the EU and the other Member States.

Buying Happiness: Introduction to Consumer Behaviour and Media Psychology

Level: Bachelor, Advanced bachelor, Professional
Date: Monday 14 August – Friday 18 August 2017
Course leader: Dr. Felix de Beaumont, Senior lecturer Psychology, Regents University London
Short description: ‘Buying happiness’ combines basic consumer with an introduction to media psychology. With the debate regarding the nature of happiness and how “having” impacts on our sense of being. In doing so it examines these areas from both sides, from the point of view of the marketers/advertisers who want to sell goods and services, from the point of view of the consumer, and how having has become a way of ‘being’. The module addresses these issues by examining how consumers think, how advertising potentially works and what other factors affect the targeted consumer and his/her decision making processes, such as media/TV/YouTube exposure, self-esteem and the concept of being able to acquire, literally buy, happiness.

Chinese Studies: Chinese Language, Culture and Intercultural Communication

Level: Bachelor, Advanced bachelor, Master, PhD, Postdoc, Professional
Date: Monday 7 August - Friday 11 August 2017 or Monday 7 August – Friday 18 August 2017
Course leader: Mr. Yanmin Tao, Lecturer Communication and Information Studies Faculty of Arts, Radboud University
Short description: This course is designed for the students and professionals to gain essential insights into the language and culture of China as a preparation for a China-related career. The course is focused on systematically acquiring basic knowledge about the Chinese language and Chinese culture. The content covers two aspects, namely learning the Chinese language (Learning basic and daily conversations in Mandarin, mastering the Chinese transcription system pinyin for correct pronunciation); and the intercultural factors such as geography and people, Chinese history, philosophy, politics, and society. The course consists of two parts and each part will take one week. The intended end level of part II is the HSK exam (Chinese proficiency test) 1, equivalent to CEFR A1 level. You can enrol only for the course part I, or for both part I and part II.
Citizenship and Migration: Europe's 21st Century Challenges

**Level:** Advanced bachelor, Master  
**Date:** Monday 7 August - Friday 11 August 2017  
**Course leader:** Dr. Sandra Mantu, Researcher at Centre for Migration Law  
Faculty of Law, Radboud University  
**Short description:** This course is designed to offer you new perspectives and insights into the interconnected fields of citizenship and migration in the European Union. It will allow you to explore the main differences between citizenship and migration, how they influence an individual's right to enter, move to and remain in the EU as well as the possibility to enjoy family life and work.

Climate Change Mitigation: Options and Policies

**Level:** Master, PhD, Postdoc, Professional  
**Date:** Monday 14 August – Friday 18 August 2017  
**Course leader:** Dr. Heleen de Coninck, Associate Professor Environmental Science  
Faculty of Science, Radboud University  
**Short description:** Climate change mitigation is firmly on the international policy agenda since the global community concluded a new agreement in December 2015 in Paris. This summer school involves multidisciplinary experts to discuss the big question of implementation of climate technologies, policies and governance.

Comparative and International Dispute Resolution

**Level:** Master, PhD, Postdoc Professional  
**Date:** Monday 14 August – Friday 18 August 2017  
**Course leader:** Prof. Laurence Boulle  
Department of Law, Australian Catholic University  
**Short description:** This course explores aspects of dispute resolution (DR) in a global age. It begins by defining and considering the value propositions underlying negotiation, mediation, arbitration and litigation, before examining the operations of these systems in selected domestic and international settings, and reflecting on the challenging implications of DR trends for lawyers and the legal profession.

Conducting Fieldwork in (Post-)Conflict Environments

**Level:** Advanced bachelor, Master  
**Date:** Monday 14 August – Friday 18 August 2017  
**Course leader:** Drs. Margriet Goos & Dr. Romain Malejacq, Centre for International Conflict Analysis and Management (CICAM), Radboud University  
**Short description:** Conducting fieldwork in (post-)conflict settings is challenging. This course aims to prepare you for the fieldwork process by addressing practical, methodological, and ethical issues of conducting research in (post)conflict settings, drawing on experiences of faculty with extensive expertise conducting fieldwork in challenging settings, and by taking into account your personal research challenges and goals.
**Decision Analysis: Theory and Practice**

*Level:* Advanced bachelor, Master, PhD, Postdoc, Professional  
*Date:* Monday 7 August – Friday 18 August 2017  
*Course leader:* Prof. Ad van Deemen, Professor Decision Theory  
Nijmegen School of Management, Radboud University  
*Short description:* How do we make decisions individually and collectively? Are we good in decision making? Are there methods to improve decision making? By following this course, you will learn the answers on these and related questions. You will acquire a working knowledge of decision theories and decision-analytic methods as well as skills to apply these methods to concrete decision making problems.

**Designing and Developing Responsible Organisations**

*Level:* Advanced bachelor, Master, Professional  
*Date:* Monday 14 August – Friday 18 August 2017  
*Course leader:* Prof. Kristina Lauche, Professor Organisational Development and Design  
Nijmegen School of Management, Radboud University  
*Short description:* The financial crisis showed that only focusing on economic profit is problematic: We need sustainable solutions that also address 'people' and 'planet'. How can organisations contribute to such long-term value? Drawing on cases and recent research we explore approaches to designing meaningful work and collaborating with various stakeholders.

**Discover the Netherlands: Field Trips to Amsterdam, Utrecht and Nijmegen!**

*Level:* Bachelor, Advanced Bachelor  
*Date:* Monday 7 August - Friday 11 August 2017  
*Course leader:* Dennis Bosman, AEGEE-Nijmegen  
*Short description:* Would you like to discover the Netherlands from an insider’s perspective? In this course you will explore and experience the Dutch culture, history and people. Local students from Radboud University, all active internationally, will guide you along the most interesting spots in the Netherlands and make sure that you will feel like a Dutchie in one week! Excursions to Amsterdam, Utrecht and Nijmegen are at the heart of this exciting course, organised by students, for students.

**Dutch Culture and Language**

*Level:* Bachelor, Advanced bachelor, Master, PhD, Postdoc  
*Date:* Monday 14 August – Friday 18 August 2017  
*Course leader:* Bram Haverkamp, Teacher, Radboud in’to Languages  
*Short description:* Are you going to study or work in the Netherlands and would you like to know more about Dutch culture? Then our Dutch Culture and Language course is just the thing for you. You do not need any prior knowledge of Dutch.
**Dynamic Business Models**

*Level:* Bachelor, Advanced Bachelor, Professional  
*Date:* Monday 14 August – Friday 18 August 2017  
*Course leader:* Prof. Etiënne Rouwette, Professor Business Administration  
*Nijmegen School of Management, Radboud University*  
*Short description:* External shocks, competitors' actions and inefficient processes pose major threats to companies. In this course, you'll learn to have a comprehensive look at these issues, overcoming departmental boundaries within organisations. We will use modelling and simulation to arrive at more resilient structures and formulate more effective strategies.

**Equity, Leadership & Transformation in the Global Classroom**

*Level:* Advanced Bachelor, Master, Professional  
*Date:* Monday 7 August – Friday 11 August 2017  
*Course leader:* Michelle Munro, Manager of HIV and sexuality portfolio  
Jaco G Brink  
Coordinator Communication and Research, Stellenbosch University  
*Short description:* This course aims to develop leadership and thought skills on the importance and challenges of transformation issues through a social justice approach to equity, discrimination and transformation in the global classroom. We explore modern racism, privilege, discrimination, institutional values and structural exclusion.

**Excellence Beyond Borders: Gifted Education in Europe**

*Level:* Advanced Bachelor, Master, PhD, Postdoc, Professional  
*Date:* Monday 7 August - Friday 11 August 2017  
*Course leader:* Dr. Lianne Hoogeveen  
Program director and teacher ECHA-training and School of Psychology  
Coordinator Gifted Education Radboud University  
*Short description:* International experts will challenge you to look beyond the accepted views on giftedness. Models and theories of giftedness will be discussed, with special attention for the identification, prevention and intervention, like self-regulated learning, different forms of enrichment and special classes for gifted students.

**Excitons in Nanostructures**

*Level:* PhD, Postdoc, (Master)  
*Date:* Monday 14 August - Friday 18 August 2017  
*Course leader:* Prof. Vladimir Kochereshko  
Saint Petersburg State University & Ioffe Physical-Technical Institute  
*Short description:* In this intensive summer course you will learn more about the exciton theory in quantum wells, quantum wires, quantum dots and super lattices, exciton-photon interaction in various structures, the behaviour of excitons in microcavities, excitons in electric and magnetic fields, exciton spin tones, excitons in the presence of 2DEG.
Gender & Diversity: Core Concepts in Society and Science

Level: Bachelor, Advanced Bachelor, Master, PhD, Postdoc, Professional
Date: Monday 14 August – Friday 18 August 2017
Course leader: Prof. Marieke van den Brink, Professor Gender & Diversity, Radboud University
Short description: Social categories such as gender, ethnicity, sexuality and age are at the core of our identity and underlie one of the most important cleavages in society along which inequalities are organized. This course provides an advanced introduction to the concepts of gender, diversity and intersectionality, and we apply these to contemporary issues in society, building on state of the art research at Radboud University.

Governing the Climate? Science, History and Politics of the UNFCCC

Level: Bachelor, Advanced bachelor, Master, PhD, Postdoc, Professional
Date: Monday 7 August - Friday 11 August 2017
Course leader: Prof. Raoni Rajão, Department of Production Engineering, Federal University of Minas Gerais
Short description: The short course examines how the issue of climate change emerged as a scientific problem and led to the creation of the United Nations Framework Convention on Climate Change (UNFCCC), the Kyoto Protocol, and more recently, the Paris Agreement. The course pays particular attention to the policy-science interface, environmental markets and REDD+ from the perspective of Science and Technology Studies and Political Science.

How to Become an Excellent Lecturer?

Level: PhD, Postdoc, Professional
Date: Monday 7 August - Friday 11 August 2017
Course leader: Dr. Willibrord Huisman, Educational advisor Department of Educational Support, Radboud University
Short description: What is teaching and learning in higher education like? Which valuable perspectives on effective teaching are there and what techniques are being used? In this course you’ll learn to master these techniques by practicing them right away with your fellow participants.

Improving Quality of Preclinical Animal Studies Using the Systematic Review Methodology

Level: Advanced bachelor, Master, PhD, Postdoc, Professional
Date: Monday 7 August - Friday 11 August 2017
Course leader: Judith van Luijk, Project Leader Training & Coaching SYRCLE, Health Evidence, Radboudumc
Short description: Animal experiments are only ethically justified if they are designed, conducted and analysed in such a way that they produce the most relevant and reliable information. In this course, you will get hands-on training in a new method that helps meet these conditions; namely systematic reviews.
Inter-O rganizational Networks: Managing Success in an Interconnected World

**Level:** Bachelor, Advanced Bachelor, Master, PhD, Professional  
**Date:** Monday 14 August – Friday 18 August 2017  
**Course leaders:** Prof. Joris Knoben, Dr. Katarzyna Burzynska, Dr. Gaby Contreras  
Nijmegen School of Management, Radboud University  
**Short description:** In today’s economy no organization is an island. Many resources that are critical for the performance of organizations are controlled by others. As a result, organizations are connected with each other forming constellations of collaborations known as inter-organizational networks. In this course, you will understand the formation, functioning and consequences of such networks and why this is of critical importance to understanding why some organizations make it and others fail.

Introduction to Cognitive Neuroscience: From Molecule to Behaviour

**Level:** Advanced Bachelor  
**Date:** Monday 14 August – Friday 18 August 2017  
**Course leader:** Dr. A. Koning, Programme coordinator MSc Cognitive Neuroscience  
Donders Centre for Cognition  
**Short description:** Cognitive Neuroscience is at the heart of life sciences as illustrated by the 2015 Medicine Nobel prize for the discovery of the brain’s ‘GPS system’. In this Summer School course, leading scientists at the Donders Institute provide a theoretical and hands-on introduction into this exciting field with a specific focus on language, perception, action, plasticity, memory and brain networks.

Law in the Everyday Lives of Transnational Families: Socio-Legal Perspectives

**Level:** Master, PhD, Postdoc, Professional  
**Date:** Monday 7 August - Friday 11 August 2017  
**Course leader:** Prof. Betty de Hart, Associate professor  
Faculty of Law, Radboud University  
Dr. Asuncion Fresnoza-Flot, Radboud Excellence Initiative Research Fellow  
Radboud University  
**Short description:** This course offers a comprehensive examination of the relationship between “transnational families” (separated by migration or (re)united geographically while maintaining personal ties with other countries) and the law. How do laws and policies in Europe and beyond affect the everyday lives of migrants and their family members?
### Leadership and Identity: The Integration of Spirituality in Healthcare, Welfare and Education

**Level:** Master  
**Date:** Monday 14 August – Friday 18 August 2017  
**Course leader:** Dr. Wim Smeets & Dr. M. Scherer-Rath  
Head of Spiritual Care Department, Radboudumc  
**Short description:** New awareness is growing about the importance of meaning, spirituality and ethics in organizations. After a period of strengthening rationalization, through business rules and quality protocols, leadership is challenged to bring in a humane perspective. Spiritual caregivers often see themselves as advocate of this humane perspective in care and education; but also physicians, psychologists, social workers, nurses and teachers deal with this issue. It stimulates reflection on identity: the identity of the individual professional worker, of the multidisciplinary cooperation and of the organization in general. Is it possible to combine both movements, that of rationalization and that of humanization? What kind of leadership do we need in our time, especially for this identity reflection?

### Literacy and the Socio-Economic Development of Sub-Saharan Africa: Theory and Practice

**Level:** Master  
**Date:** Monday 14 August – Friday 18 August 2017  
**Course leader:** Dr. Lieke Stoffelsma, Researcher  
Faculty of Arts, Radboud University  
**Short description:** This course gives an overview of theories and practices regarding the role of literacy for the socio-economic development of Sub-Saharan Africa. It explains the dynamics of challenging multilingual contexts and equips students with relevant research tools to conduct interdisciplinary research in the most vulnerable literacy settings of the world.

### Math and Mathlab for Neuroscientists

**Level:** Master, PhD, Postdoc, Professional  
**Date:** Monday 14 August – Friday 18 August 2017  
**Course leader:** Dr. Michael Cohen, Assistant professor  
Donders Center for Neuroscience, Radboud University  
**Short description:** Do you want to learn more about neuroscience data analysis but are missing a formal background in mathematics or programming? Then this course is for you! In one intensive week you will learn some of the most important mathematical concepts in neuroscience analyses and how to implement them in Matlab.
Migrants, Refugees and Religion: Global and Comparative Perspectives

Level: Bachelor, Advanced Bachelor, Master, Professional
Date: Monday 14 August – Friday 18 August 2017
Course leader: Dr. Gemma Tulud Cruz, Senior Lecturer
Faculty of Theology and Philosophy, Australian Catholic University
Dr. Edmund Chia, Senior Lecturer
Faculty of Theology and Philosophy, Australian Catholic University

Short description: This course explores the multifaceted experience of migrants and refugees, particularly in relation to culture and religion. It will take an interdisciplinary and global approach exploring, among others, Australia’s “turn back the boat” policy; Rohingya Muslim refugees in Asia; migrant workers in Europe, Asia, and the Middle East; undocumented Hispanic migrants in the U.S.; and African migrants’ religious activities to “re-Christianize” Europe.

Molecules, Mice and Math: A Statistical Toolbox for the Lab

Level: Master, PhD, Postdoc
Date: Monday 14 August – Friday 18 August 2017
Course leader: Dr. Ton de Haan, Assistant Professor Biostatistics
Health Evidence, Radboudumc

Short description: Why do I always repeat my experiments three times? Can I reuse the data of my animal pilot experiment? Why is my experiment not significant, although I clearly see an effect? These are a few of the questions that basic laboratory scientists encounter every day. We will address these questions!

Mysticism & Modern Critique

Level: Master, PhD, Postdoc, Professional
Date: Monday 14 August – Friday 18 August 2017
Course leader: Prof. Peter Nissen, Professor of Spirituality Studies
Faculty of Theology, Religious Studies, Radboud University

Short description: The course focuses on the inherently critical dimension of Western mystical tradition. By closely reading some key mystical texts (Pseudo-Dionysius, Teresa of Avila, Fenelon), the course shows how the mystical corpus has become an important reference for contemporary cultural criticism (Agamben, Foucault, Pasolini, de Certeau).

Peer Relations and Interactions in Childhood and Adolescence

Level: Master, PhD, Postdoc
Date: Monday 7 August - Friday 11 August 2017
Course leader: Prof. Toon Cillessen
Behavioural Science Institute, Radboud University

Short description: Peers are powerful socialisation agents, contributing well beyond the collective influences of family and school. This highly interactive course focuses on the role of peer relationships in child and adolescent development. Participants will gain extensive knowledge of past and current peer relations research as well as future directions.
Planning for Sustainable Accessibility and Smart Mobility

**Level:** Master, PhD, Postdoc, Professional  
**Date:** Monday 7 August - Friday 11 August 2017  
**Course leader:** Dr. Fariya Sharmeen, Assistant Professor, Nijmegen School of Management, Radboud University  
**Short description:** The course will provide conceptual understanding of the fundamental themes of accessibility and mobility and will highlight the challenges and strategies of smart and sustainable mobility management. Taken together, the course provides a novel approach to transportation planning enabling reflective insights towards sustainable innovation.

Positive Psychology: The Science behind Flourishing Individuals and Organizations

**Level:** Bachelor, Advanced Bachelor, Master, PhD, Postdoc, Professional  
**Date:** 7 - 11 August 2017 & 14 – 18 August 2017  
**Course leader:** Dr. Rinka van Zundert, Lecturer Pedagogical and Educational Science Faculty of Social Science, Radboud University  
**Short description:** Positive Psychology is the scientific study of human flourishing. This highly interactive and experiential course introduces you to the leading theories on wellbeing, resilience and positive emotions while applying it to yourself. As such, this course will foster your scientific and professional growth as well as your own personal growth.

Private International Law within the European Union

**Level:** Advanced Bachelor, Master  
**Date:** Monday 14 August – Friday 18 August 2017  
**Course leader:** Dr. Ewa Kamarad, Dr. Anna Wysocka-Bar Faculty of International and Political Studies, Institute of European Studies Jagiellonian University  
**Short description:** The course consists of an introduction to general principles of private international law with particular emphasis on the unification of the conflict of law rules as part of the integration process within the European Union and its effects on the freedoms of movement within the common market. The second part of the course is an overview of main European (EU regulations) and international legal instruments (the so called Hague conventions).
**Psychology of Fashion and Beauty**

*Level:* Bachelor, Advanced Bachelor, Master  
*Date:* Monday 7 August - Friday 11 August 2017  
*Course leader:* Dr. Felix de Beaumont, Senior Lecturer  
Department of Psychology, Regents University London  
*Short description:* How do we explain ‘beauty’ and how people react to it? How can we explain fashion and the changes that taste, trends and fashions undergo? Psychologists have engaged with all these questions! This module aims to encourage students to engage with appearance in a wide sense including facial disfiguration and body issues, including cosmetic surgery addiction or the use of the body as “art”. This is then linked to the fashion cycle and how fashion changes and how self-presentation and clothing are integral to self-identity and social group memberships and symbolic communication.

**Qualitative Methods**

*Level:* Advanced Bachelor, Master, PhD  
*Date:* Monday 14 August – Friday 18 August 2017  
*Course leader:* Prof. Huib Ernste, Professor Human Geography  
Nijmegen School of Management, Radboud University  
*Short description:* Qualitative methods are increasingly used in social sciences and humanities. This course is a perfect preparation for conducting qualitative research in your bachelor or master thesis research, or as an update of what you might have learned before. You will get to know and practically exercise the basic principles of different methods of data analysis such as 'content analysis', 'grounded theory analysis', 'phenomenological analysis', 'ethnography', 'critical discourse analysis' and 'visual data analysis'.

**Quantum in the Summer**

*Level:* Advanced Bachelor, Master, PhD  
*Date:* Monday 7 August - Friday 11 August 2017  
*Course leader:* Dr. Colin Wilmott, Senior Lecturer Mathematics  
Nottingham Trent University  
*Short description:* One of today’s most fascinating fields of research and innovation involves applying quantum phenomena to new technology. The belief is that these technologies promise to revolutionise society in this century through secure communication, precision measurement, and powerful computation. The purpose of this Summer school is to partake in this revolution by encouraging the next generation of researchers into quantum-based research. This school is to bring the audience up to the cutting edge of research in some aspects of quantum information and computation, and to make it easier to get to that cutting edge in other aspects of the field.
Social Movements and Politics in 21st Century Latin America

Level: Master, PhD, Postdoc
Date: Monday 7 August - Friday 11 August 2017
Course leader: Prof. Robert Sean Purdy
Department of History, University of Sao Paulo

Short description: This course will introduce students to modern Latin American politics, focusing on the rise of left-wing governments and their relationships with social movements. Through lively lectures and group discussion, particular attention will be devoted to debates on the redistribution of wealth, the extension of social services and political reforms.

Stress and Cognition: From Basic Mechanisms to Psychopathology

Level: Master, PhD, Postdoc, Professional
Date: Monday 14 August – Friday 18 August 2017
Course leader: Prof. Benno Roozendaa & Dr. Erno Hermans, Assistant Professor
Cognitive Neuroscience, Radboud University

Short description: Stress has a major impact on cognitive functions, such as perception, learning and memory, and decision-making. The aim of this summer school course is to gather together junior scientists as well as high-profile speakers to promote integration of knowledge, theory, and methodology across multiple fields. After this course you are able to understand different levels of analysis in research into effects of stress on brain function, ranging from molecules to behavior and from basic neuroscience to clinical practice.

The Ins and Outs of Kidneys: From Physiomics to Transplantation

Level: Advanced Bachelor, Master, PhD
Date: Monday 7 August - Friday 11 August 2017
Course leader: Dr. Jojanneke Kooij & Prof. Joost Hoenderop
Physiology Department, Radboudumc

Short description: This intensive one-week course is directed at inter/national (graduate) students (master & PhD level) who wish to develop their knowledge and skills on state-of-the-art developments in the field of renal research. You will learn how insights from renal research transformed the treatment of various kidney diseases; from little hope of survival to the latest transplantation techniques.

The Physics and Engineering of Life Forms

Level: Advanced Bachelor, Master, PhD
Date: Monday 7 August - Friday 18 August 2017
Course leader: Prof. Jeffrey Gordon
Solar Energy & Environmental Physics
Ben-Gurion University of the Negev, Israel

Short description: How does physics affect the ways in which nature can - and has - engineered life forms? The course focuses on understanding physiological structure, biological propulsion, vision, hearing and navigation - ranging from individual cells to large mammals - and highlighting how the properties of air vs water impact terrestrial vs aquatic life.
The Roma and Sinti and the Holocaust: Remembering the Past, Shaping the Future

**Level:** Bachelor, Advanced Bachelor, Master, PhD  
**Date:** Monday 7 August - Friday 11 August 2017  
**Course leader:** Dr. Matgorzata Kotaczek, Associate Professor  
Jagiellonian University  
Dr. Joanna Talewicz-Kwiatkowska, Associate Professor  
Jagiellonian University  

**Short description:** During the course the participants will learn about the mechanisms of exclusion and persecution of minorities with the fate of Roma people during the WW2 as a case study. The emphasis will be put on the issues of responsibility for commemoration, remembrance and contemporary situation in Europe.

Things to Remember: Materiality, Memory and Identity

**Level:** Advanced Bachelor  
**Date:** Monday 7 August - Friday 11 August 2017  
**Course leader:** Dr. Lászlo Munteán, Assistant Professor at Cultural Studies (ACW)  
Faculty of Arts, Radboud University  

**Short description:** Objects are vital to remembering the past. We write to do lists, take photographs and buy souvenirs, cherish things we inherited from our grandparents and build memorials to remind ourselves of historic events. As such, these objects are also essential components of our identity. In this summer course we will explore the role of materiality in remembering the past. We will read and discuss theoretical texts and visit sites in and around Nijmegen to study the interrelation of memory, materiality and identity in real-life setting.

Zebrfish as Models in Biomedical Research: Focus on Gene, Brain and Behaviour

**Level:** Advanced Bachelor, Master, PhD, Postdoc, Professional  
**Date:** Monday 14 August – Friday 18 August 2017  
**Course leader:** Prof. Gert Flik & Dr. Ruud van den Bos  
Organismal Animal Physiology, Faculty of Science, Radboud University  

**Short description:** Zebrfish are increasingly used as animal models in neuro-behavioural and neuro-endocrine research for reasons of low costs, ease of maintenance and their well-defined genome. Zebrfish now replace mice and rats in many paradigms. While this may be valid from one perspective, zebrfish are clearly different from mammals: they are ectotherms rather than endotherms, their nervous system is organised differently, they have a duplicated genome and their behaviour is tailored to an aquatic niche rather than a terrestrial environment. Therefore, it is relevant and timely to address questions on the ins and outs of gene, brain and behaviour research in zebrafish.
Social Programme

Radboud Summer School is more than an academic event, it is where fun meets knowledge. It is a unique opportunity to meet other international students and to broaden your horizon. Our participants come from all over the world and all have a different cultural and academic background. Therefore, we have carefully selected various social activities to bring you in contact with each other and to introduce you to the beautiful city of Nijmegen. We are excited to let you know the below mentioned activities are being offered.

Welcome reception
We would love to welcome you to our university campus on the first day. After you have had the chance to drop off your belongings at your new home-for-a-week, we invite you for some drinks and snacks at our Welcome Reception. It is the perfect opportunity to introduce yourself to your fellow students, the Radboud Summer School team and meet the Radboud Summer School Dean in real life.

Sports at our state-of-the-art Sports Centre
Radboud Sports Centre is our state-of-the-art sports centre which offers over seventy different courses. For our Monday night’s workout we have selected three exciting sports for you! Kickfit will provide you with an intensive cardio training that uses kicking and punching techniques from various fighting sports. Furthermore, we will offer a spectacular game in the sand: Beach Volley! Bring your cap and sunglasses and show us your best volleyball moves. If you’d rather love to play the world’s number one sport, you’re welcome to join the Monday night’s Football Team.

Guided Tour – the City of Nijmegen
Did you know that Nijmegen is the oldest city in the Netherlands? The city celebrated his 2000th birthday in 2005. It has a Roman origin and was once called Noviomagus. During the guided tour we will tell you more about the best sightseeing hotspots, shopping streets and history of both Nijmegen and the Netherlands. The city tour will be followed by a pancake dinner!
Cruise down the river: Pancake Boat
The Pancake Boat combines delicious pancakes with a lovely cruise on the river the Waal. It will sail under several bridges and you will get the chance to see the beautiful surroundings of Nijmegen. We are delighted to tell you that you can see the nature reserve the Ooijpolder from the boat. We hope that we will see some extraordinary birds and horses! Did we also happen to tell you that it will be an all-you-can-eat pancake menu?

RSS Pub Quiz
For the pub quiz we will visit a cosy bar in the city centre. It will provide you with the opportunity to taste the atmosphere of the city centre. In teams you will battle for the everlasting honour of being the winner of the RSS Pub Quiz!

Special guest lecture
Two special guests are invited for Wednesday night. More information about the lecturers and the topics will be provided in March 2017.

Barbecue

The guest lecture will be followed by an all-you-can-eat BBQ! This is the perfect moment to have a little chat and drink with your fellow participants.

Farewell reception
At the end of the week, we invite you for drinks and snacks at our university campus. In our Farewell ceremony we will shortly look back at a week filled with academic challenges and exciting social activities. At the reception you will have the chance to say goodbye to your fellow participants.
Practical Matters

Application
You can apply online for all of our courses, below you will find the steps in our application process:

- Create an account by clicking on the apply now button on our website
- Activate your account and upload the required information
- Within 10 working days Radboud Summer School will inform you whether you are admitted.

Admission Criteria
All of our courses are taught in English, therefore we expect you to have a good command of the language (IELTS 6.0, B2, TOEFL 550 or equivalent) so you can follow the lectures, write papers and participate actively in the discussions.

Each individual course page on our website provides a detailed explanation of the course and information regarding course specific admission requirements. Please read the information on the course page carefully to see if you have the required entry level and comply with the admission requirements.

Costs & Discounts
Fees can vary per course. The course fees include the registration fee, course materials, access to library and IT facilities, coffee/tea, lunch and a number of social activities. The fee does not include accommodation, travel costs, dinner, insurance and other costs.

The early bird application deadline is 1 April 2017. If you apply before this date you will receive a 10% discount on your course fee.

Students from Radboud University as well as from partner universities will receive an additional 15% discount. An overview of partner universities can be found on our website.
**Housing**

Radboud Summer School can arrange accommodation for you, we will allocate you one of the student rooms in Nijmegen. We offer two student housings: Talia and Hoogeveldt. Please see our website for more information about the different type of rooms.

The rooms differ from each other but all meet the following minimum criteria:

- Single room (no roommate).
- The room will be furnished with a bed (including mattress, blanket/duvet, pillow and bed linen), cupboard, desk and chair.
- Shared facilities include a kitchen, shower/bathroom and toilet.
- Internet access (Ethernet, bring a cable).
- Distance to the Radboud Campus is a maximum of a 30 minutes bike ride, often much less.

The rooms are basic and accommodation does not include breakfast. Please note that you must leave your room clean and on time. Other students will enter the room shortly after you, and they expect a clean room upon arrival.

**Rental periods:**
- Week 1: Sunday 6 August 2 P.M - Saturday 12 August 12 noon
- Week 2: Sunday 13 August 2 P.M. - Saturday 19 August 12 noon
- Week 1 and 2: Sunday 6 August 2 P.M. - Saturday 19 August 12 noon

**Talia**

Rental price week 1: €225
Rental price week 1 & 2: €340

**Hoogeveldt**

Rental price week 1: €175
Rental price week 1 & 2: €265

**Other accommodation**

If you prefer to stay in a hotel or B&B you can find some useful information in the document ‘B&B and Hotels in Nijmegen’ on our website.
City of Nijmegen

Nijmegen, the oldest town in the Netherlands, is a true university town. Radboud University and Radboud university medical centre (Radboudumc), with some 10,000 employees and almost 20,000 students, have a strong impact on the town. The town has numerous pubs, cafés and cultural venues. Located beside the river Waal, and next to the stunning nature reserve De Ooij, Nijmegen finds itself surrounded by nature. Within 10 minutes you can exchange the vibrant city for the serene calm of nature. The city of Nijmegen is easily accessible by car, train or bus from all parts of the country. The biggest airport in the Netherlands – Schiphol, is about 80 minutes away, and offers an easy direct train connection right from the airport to Nijmegen (Schiphol - Nijmegen).

Contact

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Lisette te Hennepe
Student-assistant
Radboud Summer School is... going home with a big smile on my face
Name: Janne van Kraaij

Radboud Summer School is... a surreal experience of quality education, active lifestyle, social interaction, & global immersion/awareness over some free food & drinks (yay for unlimited pancakes & BBQ!) will definitely come back!
Name: Kristina Gupta

Radboud Summer School is... a great experience to gain specific knowledge in an intensive time, meet many different cultures & personalities, having a great time together and focus on your strengths.
Name: Steina

Radboud Summer School is... where fun meets knowledge!!
Name: Giovanna Adam