

EUR CSC PhD Proposal Overview 2017

Faculty	Co-Supervisor(s)	E-mail addresses	Department	Project Title	No. of positions	Required Background	English Requirements
Erasmus Medical Center							
EMC	Prof. Oscar Franco	o.franco@erasmusmc.nl	Epidemiology	The interplay between dietary patterns, nonalcoholic fatty liver disease and colorectal cancer risk.	1	Background: Medicine or (Public) Health Sciences Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Jessica Kiefte-de Jong	j.c.kiefte-dejong@erasmusmc.nl					
EMC	Prof. dr. Bart W. Koes	b.koes@erasmusmc.nl	Department of General Practice – Primary Care Research, NIHES (Netherlands Institute for Health Sciences)	Diagnosis and prognosis of musculoskeletal disorders in primary care	1	Background: Medical training, or comparable level or type of education. Preferably: Trained in (clinical) epidemiology, public health Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
EMC	Prof. Oscar Franco	o.franco@erasmusmc.nl	Epidemiology	Nutrition and cardiometabolic health (Key words: epidemiology, public health, nutrition, physical activity, diabetes, obesity, inflammation, cardiovascular disease, elderly)	1	Background: Interest in and experience with nutrition research, epidemiology, data analyses and/or public health Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Trudy Voortman	trudy.voortman@erasmusmc.nl		Nutrition and health in children (Key words: epidemiology, public health, nutrition, infants, children, growth, obesity)	1		
EMC	Professor dr. Sita Bierma-Zeinstra	s.bierma-zeinstra@erasmusmc.nl	General Practice; research group * Osteoarthritis and related disorders*	Outcome measures for development and prevention of early knee osteoarthritis	1	Background: Medical Doctor, Health Scientist, or comparable level/type of education. Preferably trained in (clinical) epidemiology or willing to enter the NIHES-MSc-program on Clinical Epidemiology at Erasmus MC Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Jos Runhaar	j.runhaar@erasmusmc.nl		The role of the patellofemoral joint in knee osteoarthritis and pain development	1		
EMC	Prof. Dr. Wiro Niessen	w.niessen@erasmusmc.nl	Departments of Medical Informatics and Radiology Biomedical Imaging Group Rotterdam	Novel Image Analysis Methods for Studying Embryonic Development in Health and Disease	1	MSc degree in mathematics, physics, electrical engineering, biomedical engineering, computer science, or a related field. Experience with computer programming (Java or C++), strong theoretical skills, communication skills (English), and the ability to work in a multidisciplinary team (involving both computer scientists and life scientists) are required. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Erik Meijering	h.meijering@erasmusmc.nl					

EMC	Prof. Dr. Wiro Niessen	w.niessen@erasmusmc.nl	Departments of Medical Informatics and Radiology Biomedical Imaging Group Rotterdam	Advanced Methods for Brain Image Analysis at the Cellular and Network Level	1	MSc degree in mathematics, physics, electrical engineering, biomedical engineering, computer science, or a related field. Experience with computer programming (Java or C++), strong theoretical skills, communication skills (English), and the ability to work in a multidisciplinary team (involving both computer scientists and life scientists) are required. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Erik Meijering	h.meijering@erasmusmc.nl					
EMC	Prof. Dr. Wiro Niessen	w.niessen@erasmusmc.nl	Departments of Medical Informatics and Radiology Biomedical Imaging Group Rotterdam	Big Image Data Analytics for Cancer Biology Research	1	MSc degree in mathematics, physics, electrical engineering, biomedical engineering, computer science, or a related field. Experience with computer programming (Java or C++), strong theoretical skills, communication skills (English), and the ability to work in a multidisciplinary team (involving both computer scientists and life scientists) are required. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Erik Meijering	h.meijering@erasmusmc.nl					
EMC	Prof. Dr. Jan H.J. Hoeijmakers	j.hoeijmakers@erasmusmc.nl	Molecular Genetics	Extending healthy lifespan by anti-aging nutrition	1	Background: The candidate should have thorough knowledge of molecular and cellular biology. Experience in omics, histochemical techniques and animal handling is an advantage, but not mandatory. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Ing. Wilbert P. Vermeij	w.vermeij@erasmusmc.nl					
EMC	Prof.dr. W. Vermeulen	W.Vermeulen@erasmusmc.nl	Molecular Genetics	The molecular mechanism of DNA damage induced aging	1	Background: The candidate should have thorough knowledge of molecular and cellular biology. Experience in live cell imaging and image analysis and/or proteomics is an advantage, but not mandatory. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. J.A.F. Martijn	J.Martijn@erasmusmc.nl					
EMC	Prof.dr. W. Vermeulen	w.vermeulen@erasmusmc.nl	Molecular Genetics	Linking chromatin remodeling and DNA repair in cancer	1	Background: The candidate should have thorough knowledge of molecular and cellular biology. Experience in live cell imaging and image analysis is an advantage, but not mandatory. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. H. Lans	w.lans@erasmusmc.nl		DNA damage response to anti-cancer platinum drugs	1	Background: The candidate should have thorough knowledge of genetics, molecular and cellular biology. Master degree: Yes	

EMC	Prof.dr. J.P.T.M. (Hans) van Leeuwen	j.vanleeuwen@erasmusmc.nl	Internal Medicine, Calcium and Bone Metabolism	Extracellular matrix proteins in communication and regeneration	1	Background: The candidate preferably has gathered experience in the field of bone biology and/or regenerative medicine. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. B.C.J. van der Eerden	b.vandereerden@erasmusmc.nl					
EMC	Prof. dr. Marion de Jong	m.hendriks-dejong@erasmusmc.nl	Department of Radiology & Nuclear Medicine	Radiolabelled peptides: outstanding ligands for tumor imaging and radionuclide therapy	1	Background: The candidate is expected to: - Have a background in (bio)chemistry, biology, medical physics (e.g. bio-engineering), or equivalent; - Have good people interaction skills for working in a team with people from different academic backgrounds. The candidate preferably has - Affinity with preclinical imaging studies - Affinity with animal studies - Affinity with state of the art imaging techniques Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
				Multifunctional polymers for targeted tumor imaging	1		
EMC	Prof. dr. W.J. Niessen	w.niessen@erasmusmc.nl	Biomedical Imaging Group Rotterdam	CT-US image fusion for improved image guidance in minimally invasive liver interventions	1	Background: Computer Science / Biomedical Imaging / Biomedical Engineering Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Th. van Walsum	t.vanwalsum@erasmusmc.nl					
	Dr. A. Moelker	a.moelker@erasmusmc.nl					
EMC	Prof. dr. W.J. Niessen	w.niessen@erasmusmc.nl	Biomedical Imaging Group Rotterdam	Automated image processing for stroke interventions	1	Background: Computer Science / Biomedical Imaging / Biomedical Engineering Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Th. van Walsum	t.vanwalsum@erasmusmc.nl					
	Dr. B.J. Emmer	b.emmer@erasmusmc.nl					
EMC	Prof. dr. B.J.M. Heijmen	b.heijmen@erasmusmc.nl	Molecular Medicine, Department of Radiotherapy, Division of Medical Physics, Erasmus MC Cancer Institute	Large-scale, high quality radiation treatment of cancer patients by fully-automated mathematical treatment optimization	1	Background: Master in (medical) physics, biophysics, biomedical engineering, or equivalent. Preferentially: Python/Matlab or other programming skills (or eager to learn), working experience in radiation oncology, experience with treatment planning. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. S. Breedveld	s.breedveld@erasmusmc.nl					
EMC	Prof. Dr. Wiro Niessen	w.niessen@erasmusmc.nl	Biomedical Imaging Group Rotterdam (BIGR), Departments of Radiology and Medical Informatics	Machine learning in medical image analysis	1	Background: You should have a Master's degree in physics, electrical engineering, mathematics, biomedical engineering, computer science, or a related field. Experience with biomedical image analysis and/or machine learning is an advantage. You should be familiar with programming. Strong theoretical skills and affinity with experimental work are required. Master degree: Yes	IELTS Grade: 6.5 or TOEFL: 90
	Dr. Marleen de Bruijne	marleen.debruijne@erasmusmc.nl					

EMC	Prof. Gerard C. van Rhoon	g.c.vanrhoon@erasmusmc.nl	Experimental Oncology / Radiation Oncology	Targeted therapy of liver associated cancer with thermal sensitive smart drug delivery systems.	1	Background: For this project we need an enthusiastic and highly motivated young scientist who has recently completed his/her MSc degree in (Molecular/Medical) Biology, Pharmaceutical Sciences or Medicine with an interest in cell biology, tumor biology and cancer therapy or comparable disciplines. The candidate should preferably have experience in cell biological and animal research and have a legal qualification as an animal experimentalist or is willing to obtain this qualification. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Timo L.M. ten Hagen	t.l.m.tenhagen@erasmusmc.nl					
EMC	Prof. Dr. Adriaan B. Houtsmuller	a.houtsmuller@erasmusmc.nl	Experimental Oncology	Delineation of processing of nano-sized smart drug delivery systems by target cells and manipulation of their fate in order to improve functionality.	1	Background: For this project we need an enthusiastic and highly motivated young scientist who has recently completed his/her MSc degree in (Molecular/Medical) Biology, Pharmaceutical Sciences or Medicine with an interest in cell biology, tumor biology and cancer therapy or comparable disciplines. The candidate should preferably have experience in cell biological and animal research and have a legal qualification as an animal experimentalist or is willing to obtain this qualification. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Timo L.M. ten Hagen	t.l.m.tenhagen@erasmusmc.nl					
	Prof. dr. Gerard C. van Rhoon	g.c.vanrhoon@erasmusmc.nl					
EMC	Prof. dr. Marinus van Ijzendoorn	vanijzen@fsw.leidenuniv.nl	The Generation R Study Group	The role of mitochondrial genetic variations in neurodevelopmental and behavior problems in children A genetic epidemiology study	1	Background: Social Scientist, Psychologist, Neuroscientist, Medical Doctor Abstract thinking, analytical skills and enthusiasm are needed. Knowledge of statistical programs (R, SPSS) and experience of working with big data would also be appreciated. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Prof. dr. M. Bakermans-Kranenburg	bakermans@fsw.leidenuniv.nl					
	Prof. dr. H. Tiemeier	h.tiemeier@erasmusmc.nl					
EMC	Prof. Dr. G.C. Van Rhoon	g.c.vanrhoon@erasmusmc.nl	Cancer Institute, Department of Radiation Oncology	Development of small-animal setups for investigation of temperature-modulated precision cancer therapy using microscopic and magnetic resonance imaging	1	Background: For this project we seek an enthusiastic and highly motivated young scientist who has recently completed his/her MSc degree in Physics (applied/medical), Electrical / Biomedical Engineering. The scientist must have affinity with multiphysics simulations, basic research, MRI/intravital microscopy and experimental work. The project should result in writing of a PhD thesis. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Ir. M.M. Paulides	m.paulides@erasmusmc.nl					

EMC	Prof. Gerard C. van Rhoon	g.c.vanrhoon@erasmusmc.nl	Department Radiation Oncology, Theme Daniel den Hoed (part of Erasmus MC research school Molmed)	Development of novel minimal invasive thermal therapy techniques under guidance of MR imaging and thermal treatment planning for treatment of early cancer.	1	<p>Background:</p> <p>For this project we need an enthusiastic and highly motivated young scientist who has recently completed his/her MSc degree in Physics (applied/medical), Electrical / Biomedical Engineering.</p> <p>The scientist must have affinity with multiphysics simulations, basic research, (MR)-imaging and experimental work. The project should result in writing of a PhD thesis.</p> <p>Master degree: Yes, in Electrical / Biomedical Engineering, Physics or equivalent</p>	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
EMC	Prof. Dr. Hans van Leeuwen	j.vanleeuwen@erasmusmc.nl	Department of Internal medicine, laboratory for calcium and bone metabolism	Cancer stem cells in bone metastases	1	<p>Background: Cell biology, molecular biology, interest in cancer research, creative, punctual, enthusiastic, and communicative.</p> <p>Master degree: Yes</p>	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Marjolein van Driel	m.vandriel@erasmusmc.nl					
EMC	Prof. H.J. van de Peppel	h.vandeppeel@erasmusmc.nl	Internal Medicine, Calcium and Bone Metabolism	Dissection of human mesenchymal stem cell population heterogeneity using single cell gene expression analysis to improve bone regenerative therapies	1	<p>Background: The candidate preferably has gathered experienced in the field of Regenerative Medicine/Stem Cell Biology, Genomics and Bioinformatics</p> <p>Master degree: Yes</p>	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
EMC	Prof. dr. Henning Tiemeier	h.tiemeier@erasmusmc.nl	Department of Child and Adolescent Psychiatry Collaborating Departments: Department of Epidemiology, Generation R Study Group	Rhythm & Blues: Circadian rhythm, sleep, and teenage psychiatric problems	1	<p>Medical Doctor, Psychologist or Public Health</p> <p>Analytical thinking but no further specific skills needed. Brain imaging processing skills will be taught and are not required to start</p> <p>Master degree: Yes</p>	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
EMC	Prof. Hein Raat	h.raat@erasmusmc.nl	Department of Public Health	Determinants of frailty among older citizens in two European cohorts, and effectiveness of frailty prevention by integrated health care and social care in Europe	1	<p>Background: A background in medical/health sciences (for example geriatrics, public health, medicine, health economy, epidemiology or psychology) is required. The candidate should have a strong methodological background. Excellent analytical and writing skills are required, as well as a keen interest in the interaction between biological, psychological and social factors and health and well-being of older citizens.</p> <p>Master degree: Yes</p>	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
EM C	Prof.dr. H.J. Metselaar	h.janssen@erasmusmc.nl	Dept. Of Gastroenterology and Hepatology	Unveiling virus-drug interactions in hepatitis E infection	1	<p>Background: Molecular Biology/Cell biology/Virology/Medicine</p> <p>Master degree: Yes</p>	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Q. Pan	q.pan@erasmusmc.nl					
EMC	Prof.dr. M.P. Peppelenbosch	m.peppelenbosch@erasmusmc.nl	Dept. Of Gastroenterology and Hepatology	Understanding the regulation of the kinome in hepatitis virus infection and associated liver cancer	1	<p>Background: Molecular Biology/Cell biology/Virology/Medicine</p> <p>Master degree: Yes</p>	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Q. Pan	q.pan@erasmusmc.nl					

Faculty of Social Sciences							
FSW	Prof. Dr. Arnold B. Bakker	bakker@fsw.eur.nl	Department of Psychology, Education and Child Studies (DPECS), Center of Excellence for Positive Psychology	Positive Organizational Psychology: The Case of Strengths Use at Work	1	Background: Work and Organizational Psychology, Social Psychology or related field Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
FSW	Prof. dr. Fred Paas	Paas@fsw.eur.nl	Department of Psychology, Education and Child Studies	Manipulating Digital Objects by Hand Movements as a Means to Enhance Learning in Computer-Based Learning Environments	1	Background: The candidate needs to have a Master in Educational Psychology, Cognitive Psychology or any other related discipline. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
				Better Together: The Effect of Collaborative Learning on Self- and Co-Regulation in Higher Education	1		
				Do it Yourself: Manually and Mentally Manipulating Learning Materials For Self-Managing Cognitive Load And Enhancing Learning	1		
				Using Instructional Linking Gestures as a Means to Improve Analogical Reasoning Skill	1		
				Gesturing can be a promising tool to assist learning and memory	1		
FSW	Prof. dr. IHA Franken	franken@fsw.eur.nl	Department of Epidemiology (Generation R) and department of Child and Adolescent Psychiatry	Out of control? Studying the effect of child self-regulation on paediatric obesity	1	Background: Psychology, Pedagogical sciences or Medicine Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. PW Jansen	p.w.jansen@fsw.eur.nl					

FSW	Prof. Dr. MJ Wieser	wieser@fsw.eur.nl	Psychology	Intercultural differences in the experience of pain and its modulation by psychological factors	1	Background: Experimental Psychology, Biological Psychology, Cognitive Neuroscience. Good knowledge of programming (experimental software) is a plus (e.g., Presentation, E-Prime) Experience with EEG is helpful, but not necessary. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
FSW	Prof. dr. Arnold B. Bakker	bakker@fsw.eur.nl	Department of Psychology, Education, and Child Studies (DPECS)	Go with the flow (at work): How the brain establishes a state of engagement	1	Background: Master in Psychology, for example Cognitive or Biological Psychology, Work & Organizational Psychology, or Experimental Psychology. Interest in, and experience with psychophysiological measures (e.g., EEG, heart rate, pupil measures). Interest in topics related to the project such as performance, engagement/flow, brain reward systems, motivation. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Dimitri van der Linden	vanderlinden@fsw.eur.nl					
FSW	Prof. dr. A. Geske Dijkstra	Dijkstra@fsw.eur.nl	Faculty of Social Sciences, Department of Public Administration and Sociology (DPAS)	China's influence on economic policy in Africa	1	Background: Preferably a Master degree in development studies or development economics, but a degree in another social science or in international relations may also be acceptable. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
FSW	Prof.dr. J. de Mul	demul@fwb.eur.nl	Faculty of Philosophy Philosophy of Man and Culture	The Electronic Silk Route. Intercultural dimensions of New Media Art	1	Background: Philosophy/Aesthetics/Contemporary Art History Master degree: Aesthetics and/or Theory of Contemporary Art	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
FSW	Prof. dr. J.F.M. Koppenjan	Koppenjan@fsw.eur.nl	Department of Public Administration	Governance in Multi-Actor Settings in China	1	Background: Research Experience: Student has to be able to think conceptually; he or she should be acquainted with policy science literature (more specifically: network governance theory) and with qualitative social science methods (case-studies; ethnographic methods). Experience with surveys is recommended Master degree: in Public Administration or comparable study (e.g. public sciences, Policy studies; public management; social geography)	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)

Erasmus School of History, Culture and Communication							
ESHCC	Prof.dr. S.L. Reijnders	reijnders@eshcc.eur.nl	Erasmus School of History, Culture and Communication	Transcultural Fandom in China	1	Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100
ESHCC	Prof.dr. Filip Vermeylen	vermeylen@eshcc.eur.nl	Department of Art and Culture Studies	The contemporary art market in China	1	Background: Social Sciences or Humanities Master degree: Yes	IELTS: 7.5; TOEFL: 100 (internet) or 600 (paper)

Institute of Health Policy and Management							
IBMG	Prof. dr. Anna Petra Nieboer	nieboer@bmg.eur.nl	Institute of Health Policy and Management	The importance of social cohesion and healthy behaviours for healthy ageing in low- and middle-income countries	1	Candidates should have the following credentials: - Strong general knowledge in the field of Sociology and/or Public Health (Master degree level) - Experience with empirical research - Experience with advanced quantitative research methods, especially longitudinal mixed methods analyses and cross country analyses using panel data.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Jane Murray Cramm	cramm@bmg.eur.nl					

Institute of Social Studies							
ISS	Prof. dr. Arjun Bedi	bedi@iss.nl	International Institute of Social Studies	Understanding the evolution of urban employment systems and social stratification in the Tibetan areas of western China	2	Background: Social Sciences (ideally with background in economics, political economy, politics science, development studies, social policy or related field) Master degree: Yes (in Social Sciences, as specified above) Other requirements: experience in western China and knowledge of Tibetan.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)

ISS	Prof. dr. Wil Hout	hout@iss.nl	International Institute of Social Studies	Comparative regionalism and the impact of BRICS countries in Africa	1	Background: political science, international relations, international political economy Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
				Comparative regionalism and the impact of BRICS countries in Latin America	1		
				Comparative regionalism and the impact of BRICS countries in Asia	1		
ISS	Prof. dr. Peter A.G. van Bergeijk	Bergeijk@iss.nl	International Institute of Social Studies	Economic Statecraft and New Realities: Economic Diplomacy, Economic Security and Economic Sanctions	1	Background: solid background in international economics and international political economy/international relations. Excellent econometric and mathematical skills. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
ISS	Prof. dr. Irene van Staveren	staveren@iss.nl	International Institute of Social Studies	Do low social cohesion, social exclusion and social inequality have direct or indirect effects on economic growth?	1	Background: strength in quantitative analysis (ability work with STATA or similar software) and demonstrated interest in development studies and/or social or institutional economics. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Elissaios Papyrakis	papyrakis@iss.nl		Horizontal Inequality and Wellbeing: Do More Equal Societies Fare Better?	1		
ISS	Prof. dr. Irene van Staveren	staveren@iss.nl	International Institute of Social Studies	Is Civic Activism a Substitute for Weak Democratic Institutions or a Complement to Strong Democratic Institutions?	1	Background: strength in quantitative analysis (ability work with STATA or similar software) and demonstrated interest in development studies and/or social or institutional economics. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr Kees Biekart	biekart@iss.nl		Monitoring the promotion of peaceful and inclusive societies	1	Background: strength in mixed methods research, with both quantitative analysis (ability work with STATA or similar software) qualitative analysis (interviews). Demonstrated interest in development studies. Master degree: Yes	

Erasmus School of Economics							
ESE	Prof. dr. ir. Rommert Dekker	rdekker@ese.eur.nl	Erasmus School of Economics	Ontology-Based Sentiment Analysis in Product Reviews	1	<p>Background: The candidate needs to be proficient with Java programming, and have a good knowledge of machine learning techniques. In addition, the candidate should possess knowledge of natural language processing techniques, Semantic Web technologies, and managerial economics, or be willing to learn the necessary topics in these fields in a relatively short amount of time. Excellent communication skills for both writing and speaking in English are expected, as well as willingness to collaborate with the various parties related to this project. Candidates are expected to be in the top segment of their class with respect to their grades and must show interest in an academic career, including both research and teaching/supervision activities.</p> <p>Master degree: Yes</p>	<p>IELTS: 7.5 (min. 6.0 per component) or TOEFL: 100 (min. 20 for all subs.) GMAT grade: 680 (or GRE top 15%)</p> <p>As part of the selection procedure, the supervisors will interview the candidate.</p>
	Dr. Flavius Frasinca	frasincar@ese.eur.nl					
ESE	Prof. dr. ir. Rommert Dekker	rdekker@ese.eur.nl	Erasmus School of Economics	Robust Passenger Centric Timetabling	1	<p>Background: Strong background in mathematical modeling and optimization (LP, MIP), strong background in programming with C++ and CPLEX.</p> <p>Master degree: Yes</p>	<p>IELTS: 7.5 (min. 6.0 per component) or TOEFL: 100 (min. 20 for all subs.) GMAT grade: 680 (or GRE top 15%)</p> <p>As part of the selection procedure, the supervisors will</p>
	Prof. dr. ir. Shadi Sharif Azadeh	shadi.sharifazadeh@epfl.ch					
ESE	Prof. dr. ir. Rommert Dekker	rdekker@ese.eur.nl	Erasmus School of Economics; Rotterdam School of Management / Department of Technology and Operations Management	Design of sustainable liner shipping services in the presence of environmentally conscious customers	1	<p>Background: strong skills in mathematics optimization</p> <p>Master degree: Yes</p>	<p>IELTS: 7.5 (min. 6.0 per component) or TOEFL: 100 (min. 20 for all subs.) GMAT grade: 680 (or GRE top 15%)</p> <p>As part of the selection procedure, the supervisors will</p>
	Dr. Tao Lu	lu@rsm.nl					

Rotterdam School of Management							
RSM	Prof. Eric van Heck	eheck@rsm.nl	Technology and Operations Management	Social Media and Information Aggregation in China and the Western world	1	<ul style="list-style-type: none"> • At least an MSc, MA or MPhil degree in business or economics, or from related fields such as psychology, sociology, computer science, engineering, mathematics, statistics, etc. • Excellent results in their first degree/graduate study. • Explicit interest in and motivation for scientific research. • Commitment and drive to execute excellent PhD research; • International orientation and the capacity to speak and write in English fluently 	<ul style="list-style-type: none"> • IELTS Grade: 7.5; or TOEFL: 100 on the internet based test and 600 on the paper based test • GMAT-test (Graduate Management Admission Test) or GRE-test (Graduate Record Examinations) is required for all entering students. The test results should not be older than five years and an indication of the required score is 85%.
	Dr. Ting Li	tli@rsm.nl		Mobile Analytics	1		
RSM	Prof. Dr. Pursey Heugens	pheugens@rsm.nl	Rotterdam School of Management	Institutions for Sustainable Business in China	1	<p>Background: A solid background in management, sociology, or economics (preferably in combination). Candidates with a background in environmental studies may also be considered.</p> <p>Master degree: Completed, preferably cum laude, preferably from a top school like Peking University, Tsinghua University, or Fudan University</p>	<p>IELTS Grade: 7.5 or higher GMAT (if applicable): 700 or higher</p> <p>Other: Strong and demonstrable interest in pursuing a scientific career after completing the PhD degree.</p>
	Dr. Frank Wijen	fwijen@rsm.nl					
RSM	Prof. dr. ir. Vareska van de Vrande	vvrande@rsm.nl	Department of Strategic Management and Entrepreneurship	Dynamics of Growth in Entrepreneurial Ventures: The role of financial and strategic resources	1	<p>Background: A background in management, sociology and/or economics with particular interest in open innovation and external knowledge sourcing</p> <p>Master degree: Completed, preferably Cum Laude</p>	<p>IELTS Grade: 7.5 or higher GMAT (if applicable): 700 or higher</p> <p>Other: Strong and demonstrable interest in pursuing a scientific career after completing the PhD degree.</p>
	Dr. Luca Berchicci	lberchicci@rsm.nl					
RSM	Prof. dr. Rob Zuidwijk	Rzuidwijk@rsm.nl	Technology and Operations Management	Towards a counterfeit-proof global supply chain	1	<p>Background: Master degree in industrial engineering, operations, logistics or supply chain management or applied mathematics. Affinity with game theory and dynamic programming is an advantage.</p>	<p>IELTS Grade: 7.5 or higher GMAT (if applicable): 700 or higher</p> <p>Other: Strong and demonstrable interest in pursuing a scientific career after completing the PhD degree.</p>
	Dr. Morteza Pourakbar	Mpourakbar@rsm.nl					
RSM	Prof. dr. Rob Zuidwijk	Rzuidwijk@rsm.nl	Department of Technology and Operations Management	Autonomous vehicles and last-mile delivery: routing approaches for delivery drones	1	<p>Background: Industrial Engineering, Operations Research, Applied Mathematics, Computer Science</p> <p>Master degree: Yes</p>	<p>IELTS Grade: 7.5 or higher GMAT (if applicable): 700 or higher</p> <p>Other: Strong and demonstrable interest in pursuing a scientific career after completing the PhD degree.</p>
	Dr. Niels Agatz	Nagatz@rsm.nl					
	Dr. Marie Schmidt	schmidt2@rsm.nl					

RSM	Prof. dr. Henk Volberda	hvolberda@rsm.nl	Dept. of Strategic Management and Entrepreneurship	Corporate Leadership, CSR, and Strategic Renewal in Chinese Firms	1	Background: Ideally the candidate should have a background in Management Sciences or Economics. Further, strong statistical and mathematical skills are desirable. Master degree: Yes	IELTS Grade: 7.5 or higher GMAT (if applicable): 700 or higher Other: Strong and demonstrable interest in pursuing a scientific career after completing the PhD degree.
				Reinventing Business Models: How Chinese firms cope with disruption	1		

RSM	Prof. dr. G.W.J. Hendrikse	ghendrikse@rsm.nl	Rotterdam School of Management	Cooperatives: Two Worlds in One Organization	1	Background: The candidate has to satisfy the ERIM-criteria for Ph-D students regarding the GMAT and language tests. For more information on the admission requirements and application procedure please consult ERIM website. There is a preference for students with a background in management, economics, or engineering, but other students are also invited to apply. Affinity with quantitative / statistical work is desirable. Master degree: Yes	IELTS Grade: 7.5 or higher GMAT (if applicable): 700 or higher Other: Strong and demonstrable interest in pursuing a scientific career after completing the PhD degree.
				Governance of Bounded Cognition	1		

Institute for Housing and Urban Development							
IHS	Prof. Julian Edelenbos	edelenbos@fsw.eur.nl	Institute for Housing and Urban Development Studies (IHS)	Integrative approaches in sustainable urban resources management: stimulating sustainable innovations in the water-energy-food nexus in China.	1	- A relevant master's degree (governance, environment and policy, urban studies, etc.) - Excellent command of English both in speaking and writing - Academic writing skills - Ability to finish the PhD within 4 years - Willingness to stay in the Netherlands for more or less 3 months per year - Good planning skills, ability to work individually and take initiative and responsibility	IELTS min.7, no sub-test lower than 6 (Writing sub-test at least 6.5) or TOFEL 600 (paper-based) - 250 (computer-based) - 100 (internet-based)
	Dr. Peter Scholten	scholten@ihs.nl					