### **Faculty of Economics and Business**



**MASTER** 2012/2013

Economics and Business
International Master's programmes

UVA.NL/ENGLISH

## Cutting-edge research at \* \* the crossroads of culture \* \* and commerce

A metropolitan
university with an
excellent reputation
for research, the
University of Amsterdam
(UvA) gives students
the chance to study
in an international
environment and enjoy
the academic, social and
cultural opportunities
the city of Amsterdam
has to offer.

## Word of welcome



Enrolling in a Master's programme is a big decision that can have a profound impact on your future. Since the quality of Master's programmes available in the international market varies widely, it is important you make the right choice.

It will probably come as no surprise that as dean of the Faculty of Economics and Business at the University of Amsterdam (UvA), I have no hesitation in recommending our programmes.

We have an interesting portfolio of programmes backed by a prestigious University and taught by a faculty that is internationally renowned. The high quality of our programmes reflects the reputation of our University.

Moreover, our courses are truly international in regards to staff, students and content. We also realise that the quality of our programmes is determined to a large extent by the quality of our student body. We therefore take great care in assessing all applications for admission. Quality is further monitored by means of internal and external assessments and accreditation procedures, ensuring a top-quality and demanding curriculum, as well as official recognition of your degree in both the Netherlands and abroad.

Finally, we are located in the fascinating, cosmopolitan, cultural and business centre that is Amsterdam. Our location gives students excellent opportunities for developing contacts and finding internships, as well as for finding employment after graduation. Students also enjoy living in Amsterdam because of its tolerant and multicultural environment and vibrant cultural life.

This brochure provides information about the UvA, the Faculty of Economics and Business and the faculty's international Master's programmes. Additional information can be obtained from our website and our staff. The information presented here is intended to assist you in making your choice of a Master's programme. If you find the programme that is right for you and we think you are right for us, we will be most pleased to welcome you to the UvA.

Professor H.G. van Dissel
Dean of the Faculty of Economics and Business



## University of Amsterdam

### A tradition of excellence

The UvA has a rich history, with roots tracing back to 1632 when the Athenaeum Illustre was founded to train students in Trade and Philosophy. Until the nineteenth century, it remained a small institution with no more than 250 students and eight professors. In 1877 it was renamed the University of Amsterdam and granted the right to confer the highest academic degrees.

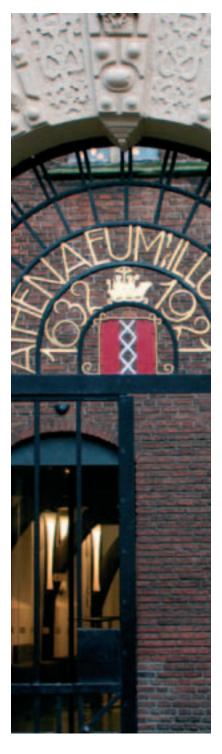
### Study programmes for the modern world

Today, the UvA seeks to offer an inspiring international academic environment in which students and staff can develop their talents optimally. The UvA has grown into one of the most comprehensive universities in Europe with some:

- 30,000 students
- 5,000 staff
- 300 study programmes, many of which are taught in English. The wide range of academic programmes and courses means that students can tailor their studies to suit their personal ambitions and talents. Not only that, but the UvA's international curriculum prepares students for a successful global career.

### Opportunities for innovative research

Over time, the UvA has risen to international prominence as a research university, gaining an excellent reputation in both fundamental and so-



cially relevant research and offering programmes in almost every field. It is a member of the League of European Research Universities and Universitas 21, and maintains intensive contact with leading research universities around the world.

### An eye for international talent

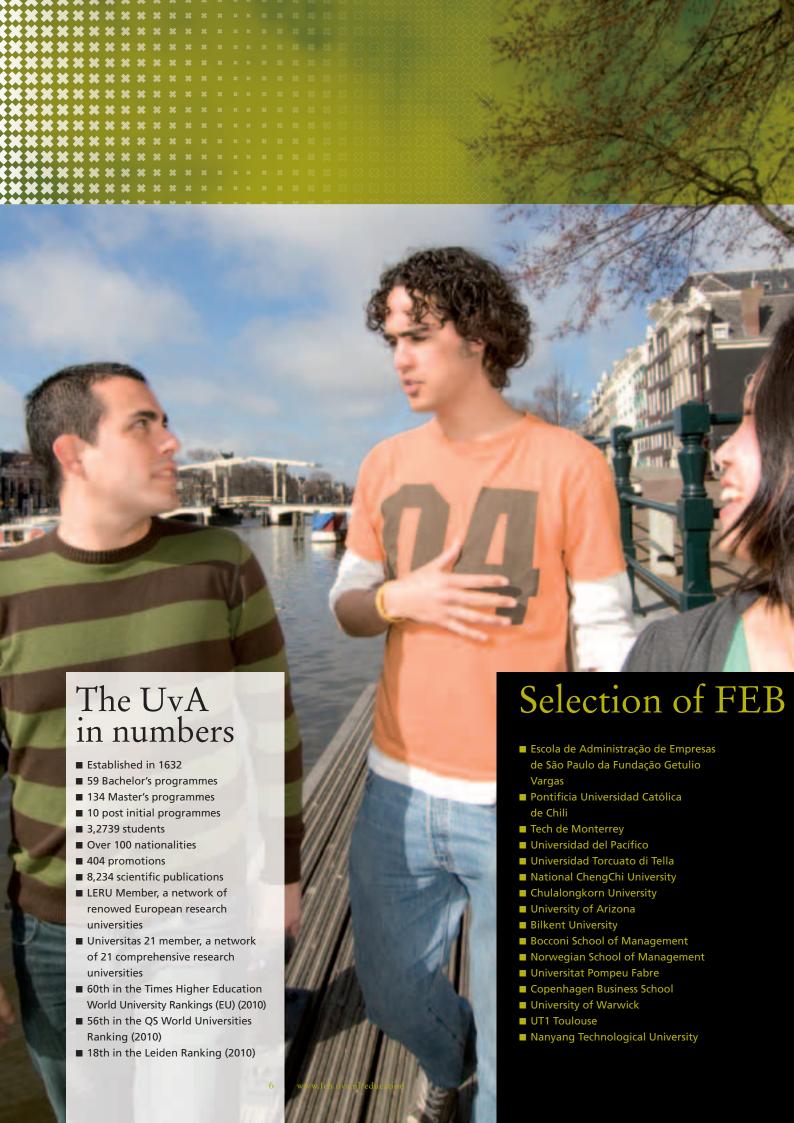
By recognising the value of bringing students and researchers together from around the world, the UvA continues to invest in and expand its international curriculum. It therefore benefits from an academic community in which countless nationalities are represented.

www.uva.nl/international

### A city of dynamic possibilities

Characterised by a critical, creative and international atmosphere, the UvA has a long tradition of openmindedness and engagement with social issues, in keeping with the spirit of the city with which it is inextricably linked. The tolerant atmosphere found in Amsterdam provides an inviting setting for scientists, entrepreneurs and artists alike. Students benefit from the numerous Dutch and international firms, academic institutions and cultural organisations that make Amsterdam the commercial, social and artistic heart of the Netherlands and a prestigious global centre.

lamsterdam.com



## Faculty of Economics and Business

### One faculty, two schools

The Faculty of Economics and Business (FEB) was established in 1922 and currently has around 5,000 students. The FEB provides a highlevel economics and business curriculum, offering a strong academic foundation for national and international undergraduate, graduate and postgraduate students. The Bachelor's programmes are taught at the College of Economics and Business. The Master's programmes and research activities take place at the Amsterdam School of Economics (ASE) and the Amsterdam Business School (ABS). The Faculty has an excellent reputation both in the Netherlands and internationally. The QS World University Rankings

(2011) place the FEB in the top 50 for the disciplines Economics & Econometrics and Accountancy & Finance, which rank 44th and 45th respectively.

Internationalisation is a keyword at the FEB. The Master's programmes reflect Amsterdam's international, entrepreneurial, intellectual and socially responsible traditions. The staff, student body, degree programmes and research all have a strong international focus. The Faculty has also developed a worldwide network of academic partnerships, facilitating both a wide range of opportunities for our students and a global platform for the exchange of knowledge.



NAME Peiyao Zhang AGE, COUNTRY 23, China **STUDENT IN Accountancy and Control** 

## partner universities

- University of Vienna
- Indian Institute of Management Ahmedabad
- Leuven University
- Institute de Politique Sociales: Science Po, Paris
- Athens School of Economics and
- Warsaw School of Economics
- Université de Lausanne
- Charles University in Prague
- Academia de Studii Economice Bucaresti
- Indian Institute of Management Calcutta
- Peking University
- Tsinghua University
- Fudan University
- Vietnam National University Ho Chi Minh City

## At a glance

### Amsterdam School of Economics

#### Characteristics

- Responsible for all Master's programmes in Economics
- Strong focus on research
- Internationally renowned teachers
- Combines theory with research
- English-taught programmes
- Large international student body
- Small scale and interactive classes
- Located in the heart of Amsterdam
- Excellent job opportunities
- All programmes are NVAO accredited

### **International Master's programmes**

- Actuarial Science and Mathematical Finance
- Econometrics
- Economics
- Operations Research
- Tinbergen Institute Master of Philosophy in Economics (research)

### www.ase.uva.nl

### Amsterdam Business School

### Characteristics

- Responsible for all Master's programmes in Business
- Strong international perspective
- International staff and researchers
- English-taught programmes
- Combines theory with practical experience
- Small scale and interactive classes
- Located in Amsterdam, one of Europe's leading commercial centres
- Close relationships with the business community
- EQUIS Accredited by the European Foundation for Management Development (EFMD)

### International Master's programmes

- Accountancy & Control
- Business Economics
- Business Studies
- The Amsterdam MBA
- international Executive Master of Finance and Control

### Accreditation

All of our Master's programmes have been positively assessed by the Accreditation Organisation of the Netherlands and Flanders (NVAO). Upon completion of their Master's programme, students receive an accredited and internationally recognised Master's degree. For more information, please visit

www.nvao.net.

The ABS has long held the unique EQUIS accreditation from the European Foundation for Management Development (EFMD), joining the ranks of around 100 elite schools, including the London Business School, INSEAD and IMD that have been awarded this accreditation worldwide.









Requirements for International Master's Programmes in Economics and Business											
Programme	Degree	Mode of study*	Duration	Preliminary education	GMAT	GRE	English language proficiency**	Work experience	CV	Pre-course training	Intake
Accountancy & Control	MSc	FT	1 year	BSc	•		-				
Actuarial Science and Mathematical Finance	MSc	FT	1 year	BSc		-	-				
Business Administration	МВА	FT/PT	1 year/ 2 years	BSc/MSc	•	•	-	3 years	•		-
Business Economics	MSc	FT	1 year	BSc		•	•				
Business Studies	MSc	FT	1 year	BSc	•		•				
Econometrics	MSc	FT	1 year	BSc		•	•				
Economics	MSc	FT	1 year	BSc		•	•				
Tinbergen Institute Master of Philosophy in Economics (research)	MSc	FT	2 years	BSc		•	•				•
international Executive Master of Finance and Control (modular)	EMFC (RC)	PT	2.5 years	MSc			•	2 years	•		•
International Finance	MSc	FT/PT	1 year/ 2 years	BSc/MSc	-	-	•	Man- datory	-	•	•
Operations Research	MSc	FT	1 year	BSc		•	•				

 <sup>\*</sup> FT = full-time / PT = part-time
 \*\* Non-native English speakers must pass a proficiency test such as TOEFL, IELTS or Cambridge International Examinations. Detailed information about the proficiency tests can be found under the Master's programme of your interest on www.feb.uva.nl/education. Listed under 'Application and admission', then 'Entry requirements'.

## Accountant Controller Auditor Financial Director General Management Professional Financial Consultant Information manager

Controller Auditor

## Accountancy and Control

Title: Master of Science (MSc)

Duration: 1 year Credits: 60 ECTS credits Language: English

**Programme director: Dr Sander van Triest** 

www.uva.nl/msc\_accountancy\_control

During the Master's programme in Accountancy and Control, you will learn to analyse, interpret and research the flows of financial information within and across organisations.

You will then be in a position to properly advise senior managers and other stakeholders. The insight you gain into the associated disciplines will help you to pursue a profession in accountancy, industry or business. The intensive, selective programme has an international focus in terms of its content, academic staff and

student body, giving you access to an enviable range and depth of expertise during your education.

### Curriculum

The programme consists of an Accountancy track and a Control track.

### **Career prospects**

Accountancy and Control Master's students learn to look at various types of organisations from a financial and an economic perspective, giving them valuable knowledge, understanding, professional experience and expertise.

Programme structure 2011-2012	ECTS
Accountancy and Control: six common core courses	30
■ IFRS 1	
■ Management Control	
Sustainability, Accountability and Ethics	
■ Internal Control & Accounting Information Systems	
Research Seminar Accountancy & Control	
Corporate Governance and Risk Management	
Accountancy: three core courses	15
Financial Accounting Research	
■ IFRS 2	
Assurance	
Control: three core courses	15
■ Management Control Research	
■ Management Accounting	
Corporate Financial Management	
Master's Thesis	15



NAME Cristina Neamu
AGE, COUNTRY 24, Bulgaria
STUDENT IN Accountancy and Control

'Following Accountancy and Control at the Amsterdam Business School has been a life changing experience for me, both professional and social. My decision to participate in the Erasmus exchange programme has laid the base for long lasting friendships and a ground for a bustling career in accounting and auditing. The study-programme is set up to provide a solid theoretical background, but also to develop and to critically evaluate the current economy. By doing this, our way of thinking and developing own ideas is stimulated and enhanced. During the year you get to know your classmates very well. The programme

I followed encompassed around 15 different nationalities. Shortly my fellow students became like a second family by working together, by going to parties and by celebrating high grades. My only advice is to start learning Dutch as soon as possible, even if you plan to stay for a short period of time. Although everybody speaks English at a high level, it'll help you to better understand the Dutch culture. Secondly companies do appreciate your motivation and willingness to learn another language, which improves your chances of finding a job.'



'The academic staff is excellent. Quite a few actuarial professionals are FEB alumni, which is important for future networking.' Qibai Chen



NAME Qibai Chen

AGE, COUNTRY 25, China

STUDENT IN Actuarial Science and

Mathematical Finance (ASMF)

foundation for student's future development. Due to the balance between theoretical and practical topics, it prepares you for either an academic (research) career or practical work experience. The assignments cover some of the hottest issues in the field, such as Solvency II, strengthening the students' ability to apply theory into practice. The academic staff is excellent. Quite a few actuarial professionals are FEB alumni, which is important for future networking. Most of my fellow students have gained part-time working experience in the actuarial field. Through cooperation in group assignments, you will obtain some real-world insights you can't find in most textbooks.'

### Actuarial Science and Mathematical Finance

Title: Master of Science (MSc)

Duration: 1 year Credits: 60 ECTS credits Language: English

Programme director: Prof. Rob Kaas

www.uva.nl/msc\_actuarial\_science

The Master's programme in Actuarial Science and Mathematical Finance (ASMF) is the only Master's programme in the Netherlands that is completely dedicated to the actuarial profession.

It is a multidisciplinary programme that provides balanced and rigorous training in the financial and mathematical analysis of complex challenges in modern assurance.

It focuses on mathematical model building in the various specialised fields of insurance: life insurance, non-life insurance and pension funds. You learn about the latest international developments in the field, such as modern valuation and capital management techniques, longevity risk and Solvency II.

You will be taught by leading academics in the field of Actuarial Science and Mathematical Finance but also by several experts and practitioners working in the financial industry. This ensures that you will have access to the field's most up-to-date techniques, practices and insights.

It will equip you with the essential modeling skills needed to either pursue a career in the industry or to conduct further research in a financial discipline that is becoming even more important than before.

### Curriculum

The programme is divided into two semesters, each consisting of two blocks of eight weeks plus one of four weeks. Students take five core courses in September - December and two more courses as well as two elective courses in January - July.

### **Career prospects**

Graduates with a Master's degree in Actuarial Science and Mathematical Finance have excellent career prospects as an actuary or a more general risk manager. The Master's programme also provides a good foundation for pursuing a PhD degree.

Programme structure 2011-2012	ECTS
Seven core courses	35
■ Market-Consistent Pricing and Embedded Value	
■ Non-Life Insurance: Statistical Techniques	
Asset Liability Management 1	
■ Market-Consistent Valuation Seminar	
Derivatives	
Fixed Income Risk Management	
Asset Liability Management 2	
Two electives: www.coursecatalogue.uva.nl	10
Master's Thesis	15



SPOTLIGHT Prof. Michel Vellekoop (The Netherlands) Professor of Actuarial Science and Mathematical Finance, www.feb.uva.nl/pp/mhvellekoop

- PhD from Imperial College London
- Research interests: Life Insurance, Derivatives, Stochastic Processes
- Awarded a €500K grant from Netspar until 2014
- Winner of the SIGEST award of SIAM in 2006
- Director of Research at the Derivatives Technology Foundation
- Director of the Actuarial Science research programme within RESAM
- Published in (amongst others): Journal of Economic Dynamics and Control, Stochastics, Journal of Computational Finance, Mathematical Finance



Financial Analyst
Investment Advisor
Financial Director
Chief Financial Officer
Organisational Advisor
Policy Officer
Remuneration Consultant
Strategic Planner
Stock Analyst
Securitisation Specialist
CreBusiness Economics

Title: Master of Science (MSc)

Duration: 1 year Credits: 60 ECTS credits Language: English

Programme coordinators: Dr Jeroen Ligterink (Finance), Prof. Jeroen Hinloopen (Organisation Economics), Dr Erasmo Giambona (Real Estate Finance)

www.uva.nl/msc-business\_economics

If you would like to learn how organisations work, make investment decisions and motivate management and staff to create value, then the Master's programme in Business Economics is for you.

This programme gives you the tools and knowledge you need to work for a wide range of organisations in both the commercial and governmental sectors. It is a specialised programme for students with a background in business economics who want to focus on organisational and financing issues.

### Curriculum

The Master's programme in Business Economics offers three specialisations, each with a clear professional profile. The Finance specialisation concentrates on the workings of financial and economics management of organisations and the use of financial tools by companies and investors. The Faculty of Economics and Business is one of the few economics faculties in Europe offering a specialisation in Organisation Economics. This specialisation examines the economic performance of organisations in broad terms, staff motivation, allocation of decision making powers, investment decisions, corporate governance and corporate functioning in various types of markets. The Real Estate Finance specialisation is designed to provide insight and training in the financial and economics aspects of commercial real estate.

### **Career prospects**

The Finance track opens up a wide range of career opportunities, for example, as an all-round financial analyst, an investment adviser at a merchant bank or perhaps eventually a financial director of a company.

The Real Estate Finance track is ideal for students seeking a career in the real estate industry and related finance. The Organisation Economics track prepares students for management or research positions requiring a knowledge and understanding of economic perspectives with respect to organisations and strategy.



SPOTLIGHT Prof. Enrico Perotti (Italy), Professor of International Finance, Chair, Finance Group, www.feb.uva.nl/pp/ecperotti

- PhD obtained at MIT
- Research interests: corporate finance and governance, international finance, political economy, innovation
- Visiting appointments at London Business School, London School of Economics, Central European University
- Founder of the Amsterdam Center for International Finance (CIFRA)
- Publications in: American Economic Review, Journal of Political Economy, Journal of Financial Economics, Journal of Financial and Quantitative Analysis, Journal of International Economics, Journal of Economics, Law and Organization, and the European Economic Review





**Organisational Consultant** Strategic Analyst HRM Manager **Project Leader Information Analyst Account Manager Financial Manager** Product Manager
Organisational Consultant

Strategic Analyst

## **Business Studies**

Title: Master of Science (MSc)

**Duration: 1 year Credits: 60 ECTS credits** Language: English

Programme director: Dr Mark van der Veen

www.uva.nl/msc\_business\_studies

As a graduate of the Master's programme in Business Studies, you will be able to analyse complex organisational issues and produce practical solutions.

You will gain not only a thorough knowledge of specialist business literature, but also the ability to apply it in practice. Business Studies encourages you to take a multidisciplinary approach to organisational issues in context.

The programme has a strong international focus and includes both theoretical and more practice-oriented courses. The tracks are designed to introduce you to the theory and to develop your skills successfully by conducting your own research project.

### Curriculum

The study programme offers five areas of specialisation from which you will choose two tracks before the start of the programme. Within these tracks there are many course options. This gives you the opportunity to choose a specialisation and tailor it exactly to your personal preferences and skills.

### **Career prospects**

A Master's degree in Business Studies opens up a wide range of interesting career opportunities. Graduates are ideally suited for positions that use business analysis and reflection to strategically and operationally enhance the functioning, improvement and renewal of commercial and noncommercial organisations.



**NAME Stoyan Popov** AGE, COUNTRY 24, Bulgaria **STUDENT IN Business Studies** 



**SPOTLIGHT** Prof. Nachoem Wijnberg (The Netherlands) Professor of Cultural Entrepreneurship and Management, www.feb.uva.nl/pp/nmwijnberg

- Obtained a PhD at the Rotterdam School of Management
- Research interests: cultural industries, strategic management, entrepreneurship and innovation
- Honorary visiting fellow at Cass Business School
- Visiting professor at Institute for Innovation, Hitotshibashi University and the European Graduate School Saas-Fee
- Editorial positions at (amongst others): British Journal of Management Journal of Cultural Economics Journal of Management Studies International Journal of Cultural Studies and Journal of Institutional and Theoretical Economics



Trader
Supply Chain Manager
Customer Intelligence Specialist
Development Engineer
Quantitative Modeler
Business Developer
Statistical Analyst

Supply Chain Manager
Customer Intelligence Specialist
De Econometrics

Title: Master of Science (MSc)

Duration: 1 year Credits: 60 ECTS credits Language: English

Programme director: Dr Kees Jan van Garderen

www.uva.nl/msc\_econometrics

The multidisciplinary Master's programme in Econometrics provides you with a balanced and rigorous training in the quantitative analysis of problems in economics and finance.

Its varied and flexible structure means you can focus on the specific topics that interest you most. The programme will provide you with the skills, expertise and techniques required to apply robust statistical methods to explore the topics, research and issues associated with this discipline.

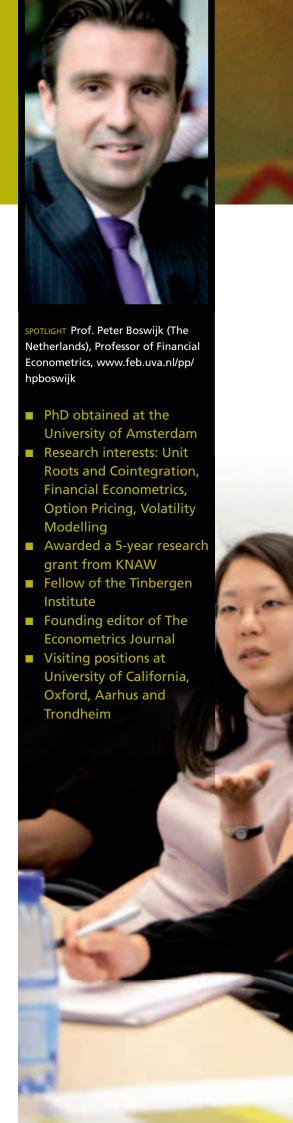
### Curriculum

Econometrics offers four tracks from which you can choose and one to specialise in. Econometrics tracks emphasise statistical techniques for microeconomic and macroeconometric analysis. Financial Econometrics focuses on mathematical and statistical techniques and their application to financial models and time series. Mathematical Economics emphasises the mathematical modelling of economic and financial markets. Each track offers electives and field courses from which you can choose. The free track provides a rigorous training without indicating a particular specialisation. A combination with a Mathematical MSc for a double

degree is also possible. By the end of the Master's programme, you will be able to apply advanced mathematical and statistical methods - using modern software packages such as Mathematica, E-Views, R, OX for the exploration and analysis of problems in economics and finance.

### **Career prospects**

Many graduates find employment in economic policy research departments or in the private and financial sector. The Master's degree in Econometrics also provides an ideal background for the academic pursuit of a PhD in an international programme.





Programme struc	cture 2011-2012	ECTS	
Econometrics			
	andatory courses*	20	
Two mandatory of		10	
■ Financial Econ			
■ Microeconome			
One elective in E		5	
	m Econometrics and/or other Master's programmes**	10	
Master's Thesis o		15	
Financial Econom			
	andatory courses*	20	
Three mandatory		15	
■ Financial Econ			
■ Stochastic Calc	culus		
Derivatives	- 1 / -	100	
One elective in E	conometrics**	5	
One elective from	m Econometrics or other Master's programmes**	5	
	n Financial Econometrics	15	
Mathematical Ec	onomics		
Four common ma	andatory courses*	20	
Two mandatory of		10	-
■ Non-linear Eco			
■ Bounded Ratio			
One elective in E		5	
	m Econometrics and/or other Master's programmes**	10	
	n Mathematical Economics	15	
Free track	in Wathernatical Economics	15	
	andatory courses*	20	•
Three electives in		15	
	m Econometrics and/or other Master's programmes**	10	e,
	n Econometrics and/or Mathematical Economics		ec.
_		15	80
			•
	Bridin Hicory		
Company of the Compan	atalogue uva pl		
	mandatory courses nometrics 1 nometrics 2 brium Theory	15	

'The professors have a lot of knowledge and are always open to in-depth questions, during lectures as well as after.' Ramin Kader

### **Economics**

Title: Master of Science (MSc)

Duration: 1 year Credits: 60 ECTS credits Language: English

Programme director: Prof. Jeroen Hinloopen

www.uva.nl/msc\_economics

The Master's programme in Economics puts you in a position to become one of the creative and versatile economists the market needs. You will study both the effective framework and the tools needed to analyse a variety and range of economic issues.

All students start with common core courses in microeconomics, macroeconomics and econometrics. After obtaining a broad understanding of the basics, tracks are offered in the following six fields:

- Behavioural Economics & Game Theory
- Industrial Organisation, Regulation and Competition Policy
- Development Economics
- International Economics & Globalisation
- Monetary Policy & Banking

the track you choose.

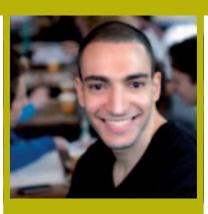
■ Public Economic Policy
These tracks all combine economic
theory with the application of economic tools used for practical implementation. The specific balance of
theory vs. application depends on

### Curriculum

You will get a solid grasp of basic economics by attending the mandatory core courses. At the start of the first semester, you will choose your specialisation or track and enroll in the first three track-specific courses. In the second semester, you specialise further by attending the last two track-specific courses. At the same time you will prepare for your thesis which you will complete in the last part of the second semester.

### **Career prospects**

Graduates of the Master's programme in Economics have skills that will enable them to work in a variety of occupations. They can work in the Ministries of Finance, Economic Affairs and Social Affairs, government agencies such as the Netherlands Competition Authority, the Dutch Central Bank, various private banks and international organisations such as the IMF, OECD and World Bank, as well as in organisations in Eastern Europe and Asia.



NAME Ramin Kader

AGE, COUNTRY 23, The Netherlands

STUDENT IN Economics

'The University of Amsterdam is a very open-minded university, which gave me the possibility to develop myself on many fields. I had the opportunity to choose the courses I preferred, do a minor and go on exchange. Choosing your own path is much more interesting and motivating than following a fixed route with subjects that don't appeal to you that much. I especially liked the course Growth Theory, because it explained at lot about how both the global economy and the current crisis work combined with mathematical theories. The professors have a lot of knowledge and are always open to in-depth questions, during lectures as well as after. Besides that, they use high-rated journals and theories which are well-known within the economic field. They deal with diverse interesting and actual dilemmas, which are discussed in class. This summer I am doing an internship at ING, which I really look forward to. Finally putting theory into practice.'



	Programme structure 2011-2012	ECT
	Three mandatory mastercourses	15
	■ Microeconomics & Game Theory	
	Macroeconomics	
	Applied Econometrics	
	Five Specific courses	25
	Behaviourial Economics and Game Theory	
	Advanced Game Theory	
	■ Behavioural Economics	
	■ Experimental Economics	
	■ Neuro Economics	
	■ Evolution and Behaviour	
	Industrial Organisation, Regulation and Competition Policy	
	Advanced Industrial Organization	
	Regulation or Economics of the Public Sector	
	■ Experimental Economics	
	■ Empirical Market Analysis	
	■ Competition policy	
ì	Development Economics	
	Impact Evaluation: Development and Public Policy	
	■ Microeconomics for Development	
	■ Experimental Economics	
	■ Globalisation, Growth and Development	
	Human Development	
	International Economics and Globalisation	
	■ International Economic Cooperation	
ě	■ International Finance	
	Financial Institutions and Banking	
	International Trade Theory and Policy	
į	Public Finance & Fiscal Policy or Empirical Market Analysis or Economic Growth	
	Monetary Policy and Banking	
	■ Monetary Theory	
	■ International Finance	
	Financial Institutions and Banking	
ı	■ Public Finance & Fiscal Policy	
9	■ Economic Growth	
b	Public Economic Policy	
	Impact Evaluation: Development and Public Policy or Economics of the Public sector	8)
	■ Regulation	
	Financial institutions and Banking or Experimental Economics	
	■ Public Finance & Fiscal Policy	
I	Competition Policy or Economics Growth	
	Research seminar	5



SPOTLIGHT Prof. Arthur Schram (The Netherlands), Professor of Experimental Economics, www.feb. uva.nl/creed/people/arthur

- Cum Laude PhD at the University of Amsterdam
- Fellow of the Tinbergen Institute
- Fellow of Netherlands' Network of Economics (NAKE)
- Several KNAW grants
- Pioneer appointed by the Netherlands organisation for scientific research
- Director at CREED
- Former editor of Experimental Economics
- Published in (amongst others): essays in Economic Psychology, European Economic Review, Journal of Economic Behaviour and Organization, American Journal of Political Science

Master's Thesis

'The classes are taught by the best researchers in economics and finance from the three participating universities and internationally renowned guest lecturers.' Theo Offerman

## Tinbergen Institute Master of Philosophy in Economics (research)

Title: Master of Science (MSc)

Duration: 2 years Credits: 120 ECTS credits Language: English

**Programme director: Dr Adriaan Soetevent** 

www.uva.nl/mphil\_economics

The Tinbergen Institute (TI) is the Research and Graduate School of the economics faculties of the UvA, Erasmus University in Rotterdam (EUR) and VU University in Amsterdam. It offers a Research Master's in economics, econometrics and finance. Students are carefully selected from a large pool of international applicants. Each year, a maximum of 45 students are admitted.

This Research Master's will give you thorough preparation for PhD level research at one of the departments participating in Tinbergen Institute. During your time at TI, you will have the opportunity to work alongside a group of outstanding international students. You will also learn from our renowned lecturers and researchers from the three faculties. You will benefit from the expertise of guest lecturers from institutes and universities from around the globe that are leading in the profession. This will provide you with a broader view of economics, econometrics and finance. You will also develop and reinforce an interesting and valuable network for the future.

### Curriculum

The Tinbergen Institute offers one Master of Philosophy (MPhil) programme with three tracks: economics, finance and econometrics. The Finance track is sponsored by the Duisenberg School of Finance. The three tracks have the same structure, institutions and regulations.

In the first year, you will receive rigorous training in the core subjects and tools of economics: microeconomics, macroeconomics (or finance), mathematics, statistics and econometrics. In the second year, you will specialise by doing fieldwork and MPhil thesis research. The following specialisations are available: Econometrics, Empirical Microeconomics, Macroeconomics, Monetary Economics and International Economics, Applied Microeconomics, Behavioural Economics and Finance.

### Career prospects

The Master's programme prepares students for PhD thesis research in one the three departments participating in the institute. Its courses are tailored to the needs and abilities of these students. The programme also gives students ample opportunity to become acquainted with the wide variety of potential PhD thesis supervisors and research fields before they commit to a PhD thesis research position. The PhD programme takes three years and leads to a PhD degree in Economics.

### Facts & Figures

- Inflow from BSc. B&E: 2009: 3 students; 2010: 1
- Percentage of international students: in 2010 75%. Students (2010) come from: the Netherlands (9), China (6); Germany (5); Poland (3); Bulgaria (2), Romania (2), and one student from: Turkey, Hungary, Slovenia, Czech Republic, Estonia, India, Lithuania, Mongolia, South Africa and Thailand.
- Male female ratio: 62% (M) 38% (F)

### **Programme features**

- Courses taught by lecturers from UvA, VU and EUR
- Guest lectures and seminars by top international scholars
- Excellent preparation for PhD research in economics and finance
- International student body
- Excellent atmosphere and collaboration among students
- Scholarships awarded by Tinbergen Institute based on merit



### Operations Research

Title: Master of Science (MSc)

Duration: 1 year Credits: 60 ECTS credits Language: English

Programme director: Prof. Nico van Dijk

www.uva.nl/msc\_operations\_research

The Master's programme in Operations Research teaches you to apply analytical methods for decision making in logistical business environments.

It deals with questions such as:

- How can you model a complex production line or a hospital department in order to evaluate its performance and the effect of possible changes?
- How could you determine if service capacities, such as check-in counters at airports, call centres or MRI scans in hospitals should be consolidated?
- How would you establish minimal cost routing and distribution schemes?
- How much of which product mix should your firm produce?

Operations Research will help you develop a strong mathematical and applied focus to bring to bear on these and other practical issues you can expect to face in business and industry.

### Curriculum

Students in Operations Research develop and apply mathematical and computational methods to provide objective, analytical and quantitative support. You have the opportunity to choose between study programme 1 (one elective and an internship) or study programme 2 (four electives without an internship).

### **Career prospects**

Graduates of the Master's programme in Operations Research typically work in a quantitative or logistical advisory role within a company or for a consultancy firm. They find employment in a variety of industries (e.g. production, services, healthcare, financial services, transportation and distribution). Employers value the quantitative and analytical skills of OR graduates very highly.



B	ECTC		
Programme structure 2011-2012	ECTS		
Study programme 1			
■ Three common mandatory courses*	25		
One elective**	5		
■ Internship	15		
■ Master's Thesis	15		
Study Programme 2			
■ Three common mandatory courses*	25		
Four electives**	20		
■ Master's Thesis	15		
* Three common mandatory courses			
Advanced Deterministic Operations Research			
Advanced Stochastic Operations Research			
Operations Research Cases 2			
** www.uva.nl/msc_operations_research and go to curriculum			



SPOTLIGHT Erik van der Sluis (The Netherlands), Senior University Lecturer in Operations Research, www.feb.uva.nl/ke/sluis

'What makes the Master's programme in Operations Research so appealing is that students take various theoretical subjects and then immediately put what they've learned to work as part of an internship during the second half of the programme. They can also opt for additional subjects in Deterministic or Stochastics Operations Research. Many graduates go on to consulting positions, whether at large corporations like Tata Steel or Heineken, or smaller, more specialised consultancies. The professional domain of an OR specialist ranges from shop floor to ICT, to other area experts, to company management.'



Financial Analyst
Trader
Finance Manager
Credit Risk Modeller
Hedge Fund Analyst
Financial Controller
Risk Manager
Treasury Analyst

Investment Manager
He Master's in
International Finance

Title: Master of Science (MSc)

Duration: 1 year full-time, 2 years part-time

Credits: 65 ECTS credits
Language: English

**Programme director: Dr Stefan Arping** 

www.abs.uva.nl/mif

As a student in the Master's programme in International Finance (MIF), you will be provided with a high quality, thorough training in the theoretical and practical aspects of international finance. Established in 1996, this programme draws on the UvA's reputation as a centre of excellence in finance and financial econometrics.

It offers you both full-time and parttime study options and has a truly international student body and approach to finance. It is ideal if you wish to pursue a career in finance or if you are an established finance professional wishing to enhance your prospects.

In addition, the Master in International Finance (MIF) is a recognised CFA Programme partner. You will find courses are practical rather than overly academic, though the programme maintains high academic standards and you will learn about the latest research and thinking.

### Curriculum

The curriculum consists of eight core courses, a minimum of three electives, the MIF Leadership Programme, and a Master's thesis research project. The MIF Leadership Programme is an integral part

of the MIF curriculum. It consists of a one-week international study trip and two workshops (Financial Ethics and Governance, Professional Communication & Presentation Skills). For full-time students we also offer a series of workshops devoted to career and job market skills. Please note that the list of core courses and electives is tentative and may be subject to change.

### **Career prospects**

Graduates go on to work in areas requiring a thorough understanding of the complexities of international finance, such as asset management, corporate finance, project finance and treasury. Our personal career service helps students to make sound career choices and assists them in areas such as writing a cover letter, preparing a professional CV and good interviewing techniques.

# MIF at a glance Advanced master's programme in finance Running successfully since 1996 Promoting leadership and excellence in finance Truly international in staff, stu-

- Truly international in staff, students, and contents
- 18-24 months part-time (evenings) or 12 months full-time
- Designed and taught by ABS's world class finance group
- Small-scale, interactive classes, linking theory to practice
- NVAO accredited programme, leading to a Master of Science (MSc) in International Finance from the University of Amsterdam
- Recognised CFA Programme partner
- Excellent springboard to boost your career





## NAME Ionna Lepida AGE, COUNTRY 26, Greece STUDENT IN International Finance

'After completing my Bachelor's degree in Greece, I moved to Amsterdam with the prospect to attain international experience. I started working at Volkswagen International Finance, the financial services part of the VW group and decided that a Master's degree would be helpful in order to apply the theoretical knowledge into real life situations. The MIF met my expectations: the courses are interesting, interactive and on advanced level. The professors have international backgrounds, in depth knowledge and expertise. It was really constructive that most of them linked theory to practice. I am confident that choosing for the MIF is a good investment for my future career. With a broader knowledge of finance, I will be able to take on more responsibilities and deal with new challenges.'

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6302	Programme structure 2011-2012	ECTS
941	Eight regular core courses	32
45	Advanced Corporate Finance & Valuation	0.7
	■ Investments	
幕 原	Financial Econometrics	
6361	■ International Financial Management	
449	<ul> <li>M&amp;A, Restructuring and Corporate Governance</li> <li>Financial Derivatives</li> </ul>	
_ 20 -	Risk Management & Financial Institutions	
MITT	Financial Modelling	- 1
6527	Minimum of three electives	12
3498	■ International Financial Reporting Standards (IFRS)	
- COO F	Advanced Valuation & Financial Analysis	
العلمة	Fixed Income	
D *	Advanced Financial Econometrics	
G-01	Real Estate Finance	
730	Advanced Asset Management	
	Computational Finance in MATLAB	
- 24	Competitive Strategy (elective MBA programme)	
東芝	Operations & Supply Chain Management (elective MBA programme)	
202	■ HRM (elective MBA programme)	
The state of	MIF Leadership programme	3
- 24	30 2	
	Finance Research Programme	3
二夢電	<b>州ご久豊 三名</b>	
6503	Master's Thesis research programme	15
OHO	1749	

Strategy Consultant **Business IT Manager Credit Risk Analyst Communications Coordinator** Project Manager **Business Analyst** larketing Manager

Key Account Manager
BuThe Amsterdam MBAger

### Business Administration

Title: Master in Business Administration (MBA)

Duration: 1 year full-time, 2 years part-time

**Credits: 70 ECTS credits** Language: English

Programme director: Dr Alan Muller

The Amsterdam MBA will introduce you to the three R's: rigour, relevance and reliability. As a multidisciplinary programme, an MBA must be taught with academic rigour. Practical issues differ across industries, geographies and time, and are crucial to your understanding of underlying theories.

We will make the theory relevant for you by linking it to practice, bringing the business world into the classroom and taking you out into the business world. Reliability is key to confidence in your knowledge, and understanding of its limitations. As a business manager, you need to be able to talk to various specialists in their own language, but also to know when to defer to their expertise.

### Curriculum

The Amsterdam MBA is offered as a full-time one-year programme and a part-time two-year programme. All the main business topics are taught in the core courses. By choosing two to four electives, The Amsterdam MBA can be tailored to your own business interests. The curriculum provides broad coverage of the main functional areas of management: accounting, finance,

marketing, information systems management, law, human resource management, economics and quantitative analysis. Our keen awareness of the importance of leadership competencies in professional development led to the establishment of our Amsterdam Leadership Programme®. Through this programme we aim to give you the high-quality business and management training that will enable you to develop into an effective leader, a leader who conveys what our BA stands for - an international orientation - and characterised by a strong understanding of the importance of a genuine personal approach.

### **Career prospects**

Typically, graduates go on to careers in areas in which a thorough understanding of the complexities of international business is essential. Our personal career service helps students to make sound career choices and assists them in areas such as writing a cover letter, preparing a professional CV and good interviewing techniques.



**NAME** Hossein Eraghi AGE, COUNTRY 30, Iran STUDENT IN the Amsterdam MBA



Student nationalities  international Dutch 40%

Programme structure 2011-2012	ECTS
Thirteen regular core courses	45.5
Competitive Strategy	
■ Valuation	
Quantitative Methods	
Financial Accounting	
■ Corporate Strategy	400
■ Corporate Finance	THE REAL PROPERTY.
■ International Business & Economics	
Operations & Process Management	
■ Marketing Strategy	
■ Information Systems	P
■ HRM	
■ The Executive Process	1000
■ Amsterdam Leadership Programme®	7600
At least two electives	7
Strategic Performance Management	
■ Branding	у —
CSR and Sustainabilty	
■ Negotiations	-
■ Entrepreneurship	4 3 3 4
■ Strategic Negotiations	
■ Various career workshops	
International Financial Reporting Standards (elective MIF programme)	
Advanced Valuation & Financial Analysis (elective MIF programme)	
Financial Modelling (elective MIF programme)	
International study trip to China: Research workshop	2.5
The second secon	
Internship (optional)	
and the same of th	
Master's Thesis	15

## international Executive Master of Finance and Control

Title: Executive Master of Finance and Control (EMFC (RC))

Duration: 2.25 years Credits: 60 ECTS credits Language: English

Programme director: Prof. Philip Vergauwen

www.iemfc.eu

## Taking the international Executive Master's programme of Finance and Control (iEMFC) will help you enhance your expertise and prospects.

The programme is suited to those who work for a corporation based in, or with offices in the Netherlands, or have important ties with firms based here. You should have experience of international financial practices and a Master's level background. Its international focus is particularly appropriate for 'high potential' expats. The iEMFC is a joint programme of Maastricht University and the UvA. Two degrees are conferred upon completion: the Dutch Registered Controller (RC) degree and the Executive Master of Finance and Control (EMFC).

### Curriculum

The iEMFC programme is for university graduates in international financial practice with at least two years experience and a Master's level background in finance, accounting or information management. The programme is aimed at employees from multinational corporations that have either their headquarters in the Netherlands or important ties with firms based here. In view of the international focus of the programme, it is particularly appropriate for ex-

pats from these corporations. Typically, these are candidates designated as having 'high potential' by their employers, and given the corresponding level of support. Because this minimal requirement forms the basis for selection, a few applicants may require additional instruction and training prior to enrolment. In addition to these formal academic and practical requirements, some candidates may also need an official endorsement from their employer. The programme includes six twoweek seminars in March, July and November. These are held in Maastricht (twice), USA (once), China (once) and Amsterdam (twice).

### **Career prospects**

Students will enhance their career options by enrolling in this programme given that the international EMFC title is increasingly considered to be the benchmark qualification for senior positions in finance functions.

### Facts & Figures

### **Participants**

- More than 225 participants over the last 10 years
- Average of 6 years of work experience
- Average age of 32
- 20% has a non-Dutch Master's degree
- 30% has a non-Dutch nationality
- 30% is female
- 65% graduate within 4 years after enrolment
- 25 graduates per year
- 20% of the participants now have a CFO, CEO or Finance Director or Chief Controller position
- 75% has changed employer since start of the programme
- 0% did not make a promotion either inside or outside the organization since the start of the programme

### Lecturers

- 50% has a non-Dutch nationality
- More than 50% has a non-UvA or Maastricht University affiliation
- More than 30% is affiliated with a non-Dutch university

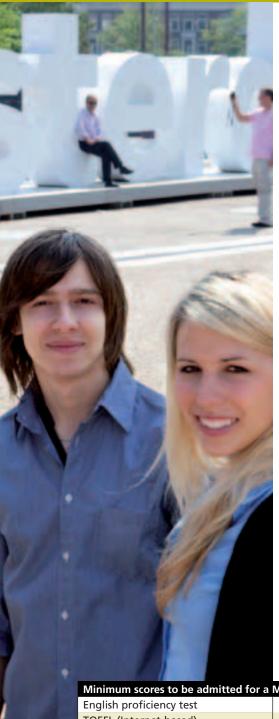
### **Courses and seminars**

Are rated by participants (on average) with a score of 4 (on a scale of 5)





## Application and admission



### **Application**

Application to one of the Master's programmes is possible beginning 1 October 2011 through an online system. An application fee applies.

### **Tuition Fee**

For students from the EU/EEA, the tuition fee for Master's programmes is the same as for Dutch students. For non EU/EAA students and those wishing to take an MIF or MBA, different tariffs apply.

www.feb.uva.nl/education

### **Scholarships**

The UvA aims to attract the world's brightest students to its international classrooms. Outstanding students from outside the European Economic Area can apply for an Amsterdam Merit Scholarship. Some programmes (e.g. MBA and MIF) have their own tuition waiver scheme. For more information on this and other scholarship programmes, see

www.uva.nl/scholarships www.grantfinder.nl.

### English language proficiency

In an international environment, a sufficient mastery of the English language is critical for academic success. Non-native English speakers must pass a proficiency test such as:

- Test of English as a Foreign Language (TOEFL)
- International English Language Testing System (IELTS)
- Cambridge International Examinations

Detailed information about the proficiency tests can be found under the Master's programme of your interest on the FEB website at

www.feb.uva.nl/education. Listed under 'Application and admission', then 'Entry requirements'.

English-speaking students who have earned their degree in the following countries are exempted from the English testing requirements:

- Australia
- Canada
- Ireland
- New Zealand
- United Kingdom
- United States

Minimum scores to be admitted for a Master's programme					
English proficiency test	programme	minimum score			
TOEFL (Internet-based)	■ MPhil, MBA & MIF	■ 100			
	■ Other Master's programmes in	■ 92 (at least 20 for each separate test result)			
	Economics and Business				
IELTS (academic module)	■ MPhil, MBA & MIF	■ 7.0			
	■ Other Master's programmes in	■ 6.5 (at least 6.0 for each separate test result)			
	Economics and Business				
Cambridge International	All Master's programmes in	A (FCE), B (CAE), C (CPE)			
Examinations	Economics and Business				

## General information

As part of its approach to education, the UvA entrusts students with a high degree of individual responsibility, encouraging them to develop an independent and critical way of thinking.

### **Teaching**

The UvA offers dynamic and exciting learning opportunities that combine the latest technology with solid educational practices. Students are exposed to diverse teaching methods such as:

- lectures
- work groups
- tutorials
- practical training
- fieldwork

Assessments are often in the form of an examination, a research paper, a presentation or a combination of

programmes incorporate computermediated learning tools in their courses. Most programmes are completed with a formal research thesis.

### The academic year

Similar to other educational institutions, the UvA academic year is divided into two semesters. Each semester lasts 21 weeks. The academic year is scheduled as follows:

- First semester September to January
- Second semester February to July

### **Credit system**

The European Credit Transfer and Accumulation System (ECTS) is a

an efficient transfer of a student's academic progress across different institutions within Europe, thus promoting greater mobility and flexibility for students. Most courses at the UvA are worth 5 to 10 ECTS credits. A full-time study for one academic year represents 60 credits, corresponding to 1,680 hours of study.

### **Grading system**

The criteria and grading system used by the UvA is common to Dutch academic institutions, but may be different from those used in Europe and other parts of the world. The grading system is on a scale of 1-10 where a 6 is regarded as sufficient.



### Practical matters

### **Coming to Amsterdam**

The UVA helps students coming to Amsterdam in various ways, such as arranging visas, permits and housing. Please consider the practical matters described below when preparing for your stay.

### Visas and permits

There are two types of visas. Depending on the country of which you are a citizen, you may need to apply for:

- an MVV a long-term entry visa, before coming to the Netherlands
- Residence permit permission to live and study in the Netherlands

Citizens of the EU/EEA or Switzerland are exempt from these requirements. For all other students, the international offices at the graduate schools will submit the visa application on your behalf. For details on the documents required and an explanation of the procedure, see www.uva.nl/visa.

### Housing

As in many major European cities, the demand for reasonably priced housing in Amsterdam is high. The UvA is an integral part of the city and does not have a separate campus. To assist first-year international students in finding appropriate accommodation, the UVA has a number of agreements with housing corpora-

tions throughout the city. However, space is limited. After you have been admitted to the UvA, you can also apply for student housing through the faculty's international offices. Refer to

www.studeren.uva.nl/housing.

### Insurance

Every resident of the Netherlands is required to have health insurance, including international students. If your current health insurance will not cover your stay abroad, there are a few options available to you:

- apply for private student insurance
- apply for 'basic' Dutch health insurance (basisverzekering)
- European Health Insurance Card (EHIC) for EU citizens

Learn more about health insurance in the Netherlands at

www.uva.nl/insurance.

### Living expenses

During your stay in Amsterdam, you can expect to spend about €950 to €1,300 per month on living expenses. This includes rent, but not tuition fees. As a rough guide, costs are as follows:

- accommodation: €375 €600 per month
- general living expenses: €400 €500 per month
- insurance: €50 €100 per month
- books: €80 €100 per month
- public transport: €70 €100 per month



NAME Olav Berendes

AGE, COUNTRY 23, The Netherlands

STUDENT IN Accountancy and Control

'Soon after starting with my BSc. at the FEB, I started looking for an apartment in Amsterdam. I consider myself lucky in finding one very quickly. Fortunately, International Office provides housing for international students, for normally it's quite hard to find suitable housing. I have a room of about 30 square meters, some 10 minutes away from the faculty by bike. I really like being at the faculty. The many good facilities, cafés and bars make it a very comfortable place in Amsterdam The UvA provides some good after-college services. The USC is a modern and versatile sports center where you can enjoy almost every discipline for a very reasonable price. CREA offers artistic workshops, such as stand-up comedy, photography and painting and is a very inspiring place, bursting with creativity. Almost all faculties and facilities are located near Amsterdam City Center, and are easily accessible by bike. So learn to drive one and you'll be everywhere in no time!'

### Working in the Netherlands

Students from outside the EU/EEA must have a work permit to work in the Netherlands during their period of study. There are two types of work permit:

- full-time (seasonal) work in the months of June, July and August
- part-time work throughout the year, but no more than 10 hours a week

Please be aware that you cannot do both. Also, keep in mind that suitable part-time or temporary jobs can be hard to find, especially if you do not speak Dutch. It is strongly advised that you do not rely on finding such employment to cover your expenses.

After graduating from a Dutch university, non-EU students may choose to extend their stay for one year in order to look for work.

For more information about working in the Netherlands, see www.uva.nl/work.



## Services and facilities

### Supporting your success

The UvA provides the facilities to help students excel in their studies. These include a student information centre, libraries, modern study centres, doctors, dentists and counsellors, sports and cultural facilities, restaurants and much more.

### **Service & Information Centre**

The Service & Information Centre (SIC) is the general information centre of the UVA. It assists students with matters such as housing, visas, bank accounts, studying and student ID cards. The SIC also has an information centre about studying abroad.

### **University libraries**

The UvA's library facilities consist of the University Library and seven faculty libraries. The UvA maintains an extensive collection that includes some four million titles, plus a large collection of rare manuscripts, letters and maps.

www.uba.uva.nl

### International Student Network Amsterdam

The International Student Network Amsterdam (ISN-A) aims to help meet the social and cultural needs of international students studying at the UvA. It organises a variety of activities including movie nights, weekly gatherings, cultural excursions, an introductory programme and mentoring services.

www.isn-amsterdam.nl

### **Study associations**

Most faculty departments have their own study associations. These associations advocate the protection and promotion of student interests, and organise such things as excursions, social activities and book discounts. They also play an important role in departmental and faculty committees. Study associations of the Faculty of Economics and Business are:

- Sefa faculty study association www.sefa.nl
- VSAE study association Actuarial Science, Econometrics and Operational Research www.vsae.nl
- MAA Marketing Association Amsterdam

### www.ma-amsterdam.nl

- FSA Financiële studievereniging Amsterdam
  - www.isa.iii
- AIESEC International student platform

www.aiesec.nl





### **CREA**

CREA, the cultural organisation of the UvA and the HvA, organises courses and workshops in theatre, music, dance, literature, visual arts, radio, video, photography and multimedia. The CREA has its own café and theatre where around 100 performances and events are held each year.

### **University Sports Centre**

The University Sports Centre (USC) offers fitness facilities and a wide range of fitness classes for students, covering everything from Aikido to swimming. The USC also has several gyms, a sauna, sun-beds and a sports café.

www.usc.uva.nl

### Other services

At the UvA, state-of-the-art computer, research and study facilities promote academic success, while university healthcare professionals support the health and well-being of our students. For a more detailed look at all the UvA has to offer, visit

www.studeren.uva.nl/facilities.







University of Amsterdam Faculty of Economics and Business

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Roeterseiland – Building M Muidergracht 12 1018 TV Amsterdam The Netherlands

www.feb.uva.nl/education www.uva.nl/international



