INTERNATIONAL STUDENT HOUSING

A dormitory built in 2002, is located at Raatuse 22 (10 min walk from the university main building, 5 min to the city main square). Each residence unit consists of 3 double study-bedrooms, with a shared kitchen and bathroom. Bedrooms will have basic furniture and bedding (no pillow). Kitchen is not supplied with cookware or utensils.

Services available:
• Washing and drying facilities
• Café
• Video rental
• Internet connection
• Car parking

SPORTS AT THE UNIVERSITY OF TARTU

The activities are held for both amateur and professional teams with instruction by the Academic Sports Club of the University of Tartu. Sports available during the semester usually include aerobics, badminton, basketball, body building, fitness, boxing, football, gymnastics, karate, alpinism, powerlifting, tennis, volleyball etc.

Sports Facilities:
• stadium and gym, located next to the sports hall (Staadioni St. 21).
• tennis-court, located in Toomemägi (Baeri St. 6).
• gyms for wrestling, gymnastics and general purpose (Lai St. 37).
• rowing, located at Emajõe rowing base (Ranna tee 1)
• AURA swimming pool (city health center)

UNIVERSITY LIBRARY

• Oldest and biggest library in Estonia
• Most universal and comprehensive research library
• Over 3 million books in inventory
• Interlibrary and international book rentals available
• Wireless Internet

• Computer labs
• Laptops for rent (for use in the library)
• Copy, print, scan services
• Book restoration and binding
• Consultants, training and help desk
MEALS

Most Faculties and study buildings have a small cafeteria where basic meals can be purchased at about $3-4. Student dorms are equipped with kitchens, with one kitchen for each 3-room unit. Besides that the city of Tartu offers numerous options for eating inexpensively and quickly, count on $3-4 for a generous portion hot meal. Students should plan on spending $250-300 a month on food.

CULTURE AND TOURISM

During the semester international students will get e-mails with invitations for various events and trip offers that will help them to get to know Estonia, Estonians, some other cultures and make the most of their time in Tartu.

Spring 2007 sample program:

Trips:
- **Cottage Weekend** as a get together for new international students offering excursion over South-Estonia. Program includes Visit to Sangaste Castle, enjoying two Finnish saunas, a smoke sauna and a unique tree-climbing track (not included in price). 400 EER ($35) price includes meals and a cozy sleeping place in Sokka.
- **Pears of North-West Russia** (trip to Pechory, Izborsk, Pskov, Novgorod, St Petersburg). Price 2500 – 3000 EER ($220-260) includes transportation, accommodation in twin rooms in three star hotels, board, excursions and sightseeing according to the program, guide and group leader service in English. Museums in St Petersburg cost extra.
- **Estonian Tourist Board** more tourism options from www.tartu.ee, www.visittartu.com

Events:
- **FilmShow** at EuroCollege every Wednesday.
- **Student Days** – program with over 200 events provides fun things to see and do: Night Song Festival, Beach Aerobics, Student Fair, Rubber Boat Race, Self-made Aircraft Contest etc.
- **International Food Fest** is a chance to present national food and drinks from a home country and to try ones from other countries.
- **International guest lecturers in different fields** (50+ each semester)
- **Tandem**, a language learning project that brings people together to teach one-another language they know.
- **Carousel of Cultures Market** allows people to represent their own country in the huge tent at the Town Hall Square. Last year Poles organised a potato peeling contest, Germans made a football shooting contest, Italians gave out pasta, etc.

INTERNATIONAL STUDENTS SPEAK ABOUT THEIR EXPERIENCE IN TARTU

I really enjoyed my five months' stay in Tartu and at the University of Tartu. I met many people from all over the world and made new good friends. It was an experience I will always remember, even when I am old! Tartu is a small but very nice and peaceful city where every student has a great time. There are always many events taking place. If you want to study in a good university and have fun in the same time, Tartu is the best choice for you!

Karine Clause,
ESC TROYES, FRANCE

Life here went beyond my expectations. Estonia turned out to be a very advanced technological society, with free wireless Internet in places where you would not expect to find it, e-banking and other services, even in public sector. While Tartu is an academic capital of Estonia, I also found it to be very friendly and lively, compact and easy to get around.

Minna Mero,
UT MEDICINE DEGREE STUDENT, FINLAND

It is a unique experience that I have gained here and I would recommend studying at the University of Tartu to anyone. I did not know much about Estonia and Tartu before coming here. The university provided me with information about accommodation and courses before I arrived here. Also, there was an Orientation Course just after my arrival to Tartu, which helped a lot.

Naoki Takamura,
WASEDA UNIVERSITY, JAPAN
study in Estonia

- Degree
- Semester
- Summer

ESTONIA

Population: 1.3 million
Language: Estonian
Climate: mild continental, with warm summer and snowy winter
Parliamentary Republic
EU and NATO member

- Most dynamic of new EU-member states
- High standards of living, with lower costs than other EU countries
- Enchanting nature, low risk of natural disasters and terrorism
- Easy access to major cities in Europe and Russia

TARTU

Tartu: academic capital of Estonia
Population: 100 000, second largest in Estonia
Environment: diverse, attractive, child friendly

- Neoclassical old town, picturesque area
- Abundant parks, bike and walking paths, river
- Art galleries, museums, theatres
- English, German, Finnish, Russian spoken widely

City of good thoughts that feels like one big campus
# Programs taught in English 2008 / 2009

## Master's Degree Programs

### Baltic Studies - Master of Arts in Social Sciences
interdisciplinary program with integrated curriculum on issues related to the Baltic Sea Region, options to specialize in: Baltic Studies, Media and Communication, Business Administration

### Financial and Actuarial Mathematics - Master of Science in Natural Sciences
prepares specialists in quantitative methods of risk assessment and hedging for the financial sector, banking and insurance companies

### Applied Measurement Science - Master of Science in Engineering
interdisciplinary program preparing specialists for quality assurance laboratories and accreditation agencies in various industries, with focus on physical and chemical measurements, metrology and related legal and economic issues

### Languages and Literature - Master of Arts in Humanities
Estonian and Finno-Ugric Linguistics (in Estonian), Russian and Slavonic Philology (in Russian), German Language and Literature (in German), English Language and Literature (in English), Romance Languages and Literature (French and Spanish), Scandinavian Languages and Literature

## Erasmus Mundus Joint Master Programs

- NordSecMob: Security and Mobile Computing - Master of Science
- International Masters in Economy, State and Society (IMESS)

## Distance Learning Joint Master Program

- Lifelong Learning for Regional Development

## International Summer University

www.isu.ut.ee  info@isu.ut.ee

Social Sciences:
- European Integration and Russian Foreign Policy, 6 ECTS
  - International position of the Baltic states
  - Russian foreign policy
  - European integration and the challenge of enlargement

Global Business from the Local (CEEC/Baltic) Perspective, 6 ECTS
- What makes CEE countries so different?
- How to Make Business in Estonia and in the Baltics?
- European Dimension

Procedures in European International Courts, 6 ECTS
- Procedure in the European Court of Justice
- New Developments in the Law of the European Union Internal Market
- Procedure in the European Court of Human Rights

Foreign Languages:
- Estonian for English and Finnish speakers (levels: elementary to advanced)
- Russian for English speakers (Business Russian, Practical Russian elementary to intermediate level)

## PhD Studies

www.ut.ee/studentoffice/studies/phd

## Semester Study Abroad Programs

www.ut.ee/studentoffice/shortterm

### Baltic Studies, autumn and/or spring
introduces international students to distinctive features of Baltic history, culture, politics, society and economy

### Prometheus: Transition Studies, autumn and/or spring
focuses on transition experiences and current developments in Central and Eastern Europe and Russia, combining the perspectives of political science, economics and legal studies

### Law: Transitional Societies – Creation of the Rule of Law Society, autumn only
dynamic aspects of transitions carried out in Estonia, transforming it from a communist republic of the former Soviet Union to a democratic society rooted in the EU and founded on the rule of law

### Russian Studies, autumn and/or spring
courses in Russian language, literature, culture and history, instructed in English and Russian (depending on semester), sufficient command of the Russian language is required (B1 or TORFL-1)

### Ancient Near Eastern Philology and Cultures, autumn and/or spring
broadening understanding of the Old Testament for students interested in the field of Ancient Near Eastern studies and old Semitic languages and dialects

## Exchange Programs

www.ut.ee/studentoffice/shortterm/exchange

International exchange students who come to study via Erasmus, ISEP exchange programs, via bi-lateral institutional or ministerial agreements pay no tuition fees. Exchange students can take any study abroad semester program or course available at the University of Tartu. Exchange students should contact the study abroad advisor at their home university for coverage before sending application and documents to the University of Tartu.

## Practical Information

www.ut.ee/studentoffice

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<thead>
<tr>
<th>Academic Credits</th>
<th>Accreditation by Estonian Ministry of Education and Research</th>
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<td>European Credit Transfer System (ECTS)</td>
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<tr>
<th>Tuition</th>
<th>Scholarships</th>
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<tr>
<td>Varies by program (€ 1600 - 4000 / year), please consult the website</td>
<td>Several scholarships and scholarship resources listed on the web</td>
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<tr>
<th>Accommodation</th>
<th>Student Support System</th>
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<tr>
<td>8 modern student dorms, double rooms from € 100 / month</td>
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<td><a href="http://www.kyla.ee">www.kyla.ee</a></td>
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| Living expenses | |
|-----------------| |
Unique program in Europe

Master of Science in Engineering –
Applied Measurement Science
http://www.ut.ee/ams

Learn from the leading Estonian and European experts:
- Physical and chemical measurements
- Quality systems
- Economic and legal aspects
- Internship
- Instruction in English
- International teaching staff
- Program duration – 2 years
- Possibility of credit transfer

Excellent international career prospects:
- R&D departments of major companies
- Chemical industry labs
- Pharmaceutical industry labs
- Health and environmental protection agencies
- Food processing and manufacturing quality assurance labs
- Certification, standardization and accreditation authorities
- National Centers and Institutes of Metrology
- Academic career and PhD studies

Coordinating member of the international consortium “Measurement Science in Chemistry” recently awarded the “Chemistry Euromaster” quality label

Merit Huopolainen
MSc student at UT
Institute of Chemistry

The high quality of education at the University of Tartu and practical experience I gained through internship have enabled me to get a job already in the second year of my master studies here. I now work for the Food Monitoring Laboratory of Estonian Health Protection Inspectorate.

Erko Jakobson
PhD student at UT
Institute of Physics

UT Testing Centre provides calibration and measurement services to industry enterprises and has regular contacts with laboratories around Europe. I believe I get first-class hands-on education here and have great career prospects.
Who should apply to the program:
- Graduates with Bachelor's degrees in physics, chemistry, materials science, natural sciences, engineering, technology or medicine.
- Practitioners in analysis and measurement laboratories who are facing the fast development of analytical methods and new regulations (Quality systems, ISO 17025 accreditation, etc.).
- Personnel of laboratories, accreditation, certification and inspection agencies.
- Quality managers in various industries.

General admission requirements:
- Bachelor's degree (or equivalent) in the field of exact or natural sciences, technology, engineering or medicine.
- Applicants must have completed 18 ECTS in physics or chemistry in prior learning periods (minimum eligibility requirement for application is 60% of the maximum grade available).
- English language requirement: International applicants for whom English is not a native language need to provide proof of English language proficiency. One of the following is accepted: TOEFL 550 or higher (computer-based 213, internet based-79/80); IELTS 6.5; Cambridge Certificate of Proficiency in English – C; Cambridge Certificate in Advanced English – B.

NBI Before applying please check for current information at www.ut.ee/studentoffice/studies/ma/english

Application process:
1. Download the appropriate application forms from www.ut.ee/64491 or request them from studyinfo@ut.ee
2. Mail the application with all the necessary documents by indicated deadline to: International Student Service, University of Tartu, Ülikooli 18, Tartu 50090, ESTONIA

Documents to be submitted:
- application form for Master's studies;
- application form for assessing prior learning;
- copy of the Bachelor’s diploma (or highest preceding study level) and diploma supplement (transcript/mark sheet) in the original language (a copy certified by the educational institution issuing the document or a notarised copy);
- official translation of the diploma and diploma supplement (transcript/mark sheet) into English, translation certified;
- certified copy of the upper secondary school certificate and a list with grades (non-EU applicants only);
- official translation of the upper secondary school certificate and a list with grades into English, translation certified (non-EU applicants only);
- official test results of English language proficiency;
- copy of the valid identification document;
- CV (for applicants requesting recognition of prior work experience).

All applicants will receive a confirmation upon receipt of their application and its status. Complete applications will be considered by the Admission Commission and students accepted to the program will be notified of their admission immediately (no later than June 15).

NBI Before applying please check for current information at www.ut.ee/studentoffice/studies/ma/english

Application deadline:
- May 1 - non EU applicants
- June 1 - EU applicants

Curriculum structure:
- Compulsory module: 45 ECTS
- Elective courses: 30 ECTS
- Optional subjects: 6 ECTS
- Practical placement: 9 ECTS
- Master's thesis: 30 ECTS
- TOTAL: 120 ECTS

Compulsory courses:
- General Metrology
- Metrology in Chemistry
- Practical Physical Measurements
- Mathematical Statistics for Measurements
- Practical Chemical Analysis Methods
- Quality Systems
- Lab Classes in Practical Physical Measurements and Calibrations
- Lab Classes in Chemical Analysis and Metrology in Chemistry

Elective courses:
- Materials Testing
- Structural Analysis
- Biochemical Measurements
- Measurements and the Law
- Economic Aspects of Measurements
- Environment and the Measurements
- Electrochemical Measurement and Analysis Methods

Language of instruction: English

Program duration: 2 years
- possibility of credit transfer is available to graduates with a 4-year Bachelor's diploma or equivalent;
- recognition of prior work experience is available to applicants with substantial work experience in the field.

Internship:
During the program students will be placed in companies and laboratories like Metrosert AS, Estiko AS, Mayeri Industries AS, Laboratories of the Estonian Health Protection Inspectorate, Estonian Veterinary and Food Laboratories, State Agency of Medicines, Estonian Accreditation Centre. Internships last 4-6 weeks and are intended for participants to gain practical experience.

Tuition fees and scholarships:
Students admitted in the Autumn 2008 will pay NO TUITION FEE for the whole two year program. Their studies will be financed through a special project of the Estonian Ministry of Education and Research. In addition, a STIPEND of 2550 EUR/year will be granted to several students with the best academic standing. Regular program fee is 4430 EUR/year and covers tuition, teaching materials, supervision and advising of thesis preparation.

Teaching staff:
Lectures and courses in the program are delivered by some of the leading Estonian and European experts: prof. Ivo Leito, Estonian representative at EUROMET-MetChem; prof. Paul De Bièvre, Editor-in-chief of Accreditation and Quality Assurance journal; prof. Nineta Majcen, Director of the Slovenian National Metrology Institute; prof. Philip Taylor, Head of the Isotope Measurements Unit of the IRMM.

To get more information:
Program www.ut.ee/ams
University of Tartu www.ut.ee
Admissions www.ut.ee/studentoffice
Tartu www.visittartu.com
Estonia www.visitestonia.com

Address for inquiries:
Ivo Leito, Professor, PhD
Institute of Chemistry
University of Tartu
Jakobi 2, 51014 Tartu, Estonia
Telephone +(372) 737 5259
ivo.leito@ut.ee

International Student Service
University of Tartu
Ülikooli 18, 50090 Tartu, Estonia
Telephone +(372) 737 6109
Fax +(372) 737 5153
studyinfo@ut.ee
University of Tartu

Founded in 1632
11 faculties, 6 colleges
18,000 students
600 international students
Public University
Member of Coimbra Group, Utrecht Network, EUA

Tartu

Tartu: academic capital of Estonia
Population: 100,000, second largest in Estonia
Environment: diverse, attractive, child friendly

- Neoclassical old town, picturesque area
- Abundant parks, bike and walking paths, river
- Art galleries, museums, theatres
- English, German, Finnish, Russian spoken widely

Estonia

Population: 1.3 million
Language: Estonian
Climate: mild continental, with warm summer and snowy winter
Parliamentary republic, EU and NATO member

- Most dynamic of new EU-member states
- High standards of living, with lower costs than other EU countries
- Enchanting nature, low risk of natural disasters and terrorism
- Easy access to major cities in Europe and Russia

www.ut.ee
www.visitestonia.com
www.visittartu.com
SEMINAR COURSES
www.ut.ee/studentoffice/semesters
studyinfo@ut.ee

Intensive Estonian Language Program (Instruction in English), academic year
Autumn semester: 20 lessons (45 min) per week, 30 ECTS
Spring semester: continuation course, 20 lessons (45 min) per week, 21-24 ECTS
The course is intended for beginners. Estonian grammar is contrasted with English grammar. Oral skills in simulated everyday situations and grammar are practiced so that the participants could face life in this country. Completion of the course will provide the learner with elementary level of Estonian.

Intensive Estonian Language Program (Instruction in Russian), academic year
Autumn semester: 20 lessons (45 min) per week, 30 ECTS
Spring semester: continuation course, 20 lessons (45 min) per week, 30 ECTS
The course is foremost intended for students with existing pre-intermediate level of Estonian. The course is focused on four skills: speaking, reading, listening and writing. After successful completion of the course the learners are expected to acquire an intermediate level of Estonian with a capability of taking part in University studies in Estonia.

Intensive Estonian Language Program (Instruction in Finnish), academic year
Autumn semester only: beginners course, 20 lessons (45 min) per week, 30 ECTS
The course is intended for beginners and it starts with an introduction into Estonian. Oral skills in simulated everyday situations and grammar are practiced so that the participants could face life in this country. Not focused on specialist vocabulary. Still, general texts on history, politics, medicine and culture are dealt with during the second half of the autumn semester. Daily papers in Estonian are also included. After successful completion of the course the learner is supposed to master the (lower) intermediate level of Estonian and be able to major in the chosen speciality.

Estonian Non-intensive Course (Instruction in English), academic year
Autumn or spring semester: beginners course, 6 lessons (45 min) per week, 9 ECTS
Spring semester: continuation course, 4 lessons (45 min) per week, 6 ECTS
The course is intended for beginners with knowledge of English. Estonian grammar is contrasted with English grammar. English is also used to work with texts. Focus is placed on oral skills in simulated everyday situations and basic grammar. The continuation course is intended for students who have completed the beginners course. At the completion of the course the participant has an idea of the structure of Estonian and elementary knowledge of the language grammar and vocabulary, and should communicate in everyday situations.

Russian for Beginners (Step by Step I, level A1, Instruction in English)
Autumn or spring semester: 4 lessons (45 min) per week, 6 ECTS
The course provides students with basic knowledge of Russian. Students will learn to read uncomplicated texts, to understand and to use simple everyday language. Grammar patterns are arranged according to the need and communication situation.

Russian for Pre-intermediate Students (Step by Step II, level A1.2 - A2)
Autumn or spring semester: 4 lessons (45 min) per week, 6 ECTS
The overall aim of the course is to acquire vocabulary for everyday communication and to develop students' oral and writing skills. It also provides a basic knowledge of Russian grammar.

Russian in Cultural Context (upper-intermediate and advanced levels B1 - B2, Instruction in English and Russian)
Autumn semester only: 4 lessons (45 min) per week, 3 ECTS
Students will learn how to communicate ideas effectively and fluently and will acquire vocabulary. They also will be familiarized with Russian culture, customs and traditions.

Russian Language in Estonian Cultural Context (upper-intermediate and advanced levels B1 - B2, Instruction in English and Russian)
Spring semester only: 4 lessons (45 min) per week, 4.5 ECTS
The aim of the course is to introduce students to the customs and traditions of both Russian and Estonian cultures. Grammar patterns are chosen according to the students' needs and particular communication situations.

Preparation Course for TORFL (Test of Russian as a Foreign Language), level A2 and B1
Autumn or spring semester: 1.5 ECTS
Both courses are 75% web-based and held in WebCT learning environment. Course consists of computer-based self study lessons and 6 classroom sessions. The aim of the course is to prepare students for TORFL, which can be taken at the Testing Center of the University of Tartu upon completion of the course. During the course students will practice grammar, conversation, comprehension, reading and writing skills corresponding to A2 or B1 level of proficiency (CE framework).

Tuition fee in 2007/2008: Intensive Estonian Language programs with instruction in English, Russian and Finnish ~ 958 EUR per semester.
All other courses 1 ECTS = 34 EUR.
Accommodation fee: Dormitory (double room) from 400 EUR per semester.

INTERNATIONAL SUMMER UNIVERSITY
www.isu.ut.ee info@isu.ut.ee

TARTU
Estonian Language (Instruction in English):
- Estonian - Elementary level, 4.5 ECTS
- Estonian - Pre-intermediate level, 4.5 ECTS
- Estonian - Intermediate level, 4.5 ECTS
- Estonian - Advanced level, 4.5 ECTS
Estonian Language (Instruction in Finnish):
- Estonian - Beginners, 4.5 ECTS
- Estonian - Intermediate and Advanced level, 4.5 ECTS
Russian Language (Instruction in English):
- Russian - Elementary level, 4.5 ECTS
- Business Russian - Intermediate level, 4.5 ECTS
Tuition fee in 2008: 360 EUR per module, covers study materials, tuition.
Accommodation fee: Dormitory housing - 20-30 EUR per night (double room, without breakfast), housing with families 23 EUR per night (breakfast included).

NARVA
Russian Language and Culture Program (Instruction in English):
- Practical Spoken Russian - B1 level, 4.5 ECTS
- Practical Spoken Russian - A2 level, 3 ECTS
Tuition fee in 2008: 477 EUR and 409 EUR
Accommodation: dormitory (double room, without breakfast) - 32 EUR/module, or 23 EUR/day (double room, with breakfast) at hotel "Narva".

PhD STUDIES
www.ut.ee/studentoffice/phdstudies
www.ut.ee/studentoffice/studies

Estonian and Finno-Ugric Linguistics
Germanic and Romance Philology
Russian and Slavonic Philology

Tuition fee: no tuition fee.
Accommodation fee: dormitory housing (double room) from 400 EUR per semester.

PRACTICAL INFORMATION
Academic credits
European Credit Transfer System (ECTS)
Accreditation of curricula
by Estonian Ministry of Education of Research
Exchange
Over 300 exchange agreements with partner universities in Europe and around the world
Student support system
Orientation upon arrival, advising and counseling, personal helper/tutor,
Accommodation
8 modern student dorms
www.kyla.ee
Living expenses
200-250 EUR/month
Student social life
Erasmus Student Network (ESN)
Trips, sports activities, cultural events
www.esn.ee
Master of Arts in Humanities –

Languages and Literature

Estonian and Finno-Ugric Linguistics
Russian and Slavonic Philology
Germanic and Romance Languages and Literature
Scandinavian Languages

Why choose the University of Tartu for Master’s in languages

- The Department of Estonian and Finno-Ugric Linguistics is the most important institution of its kind in the world. Estonian, Finnish and Hungarian are the official languages of the European Union. Proficiency in these languages is essential for making international contacts and securing employment.

- The University of Tartu is one of the most distinguished centers of Slavic Studies in the world. It is a cradle of the Tartu-Moscow School of Philology and Semiotics which was founded by Professor Yuri Lotman, who worked at the University of Tartu for more than forty years.

- Tartu is a unique university town with academic atmosphere, rich history and student traditions, making it a great place to study and live. The University of Tartu offers great support systems for international students, excellent student dorms, library and computer labs. Every year more than 600 international students from 30 different countries study here, making learning at the University of Tartu truly an intercultural experience.
General admission requirements:
- Bachelor's degree or equivalent level of education in the language you intend to apply for.

NB! Entrance requirements for different language programs slightly vary. Before applying please check for current relevant information at www.ut.ee/studentoffice/studies/ma/english.

Application process:
1. Download the appropriate application forms from www.ut.ee/studentoffice or request them from studyinfo@ut.ee.
2. Mail the application form with all the necessary documents by indicated deadline to: International Student Office, University of Tartu, Ülikooli 18, Tartu 50090, Estonia
3. All applicants will receive a confirmation upon receipt of their application and its status. Complete applications will be considered by the Admission Commission and students accepted to the program will be notified immediately.

Documents to be submitted:
1. application form for Master's studies;
2. application form for assessing prior learning;
3. copy of the identification document;
4. copy of the Bachelor diploma and diploma supplement (transcript / marks sheet) of the preceding study level in the original language. (it is necessary to submit a copy certified by the educational institution issuing the document or a notarised copy).
5. official translation of the diploma and diploma supplement into English, translation certified;
6. non EU applicants: copy of the upper secondary school certificate (with a transcript/grade list) and official translation of the upper secondary school certificate (with a transcript/grade list) into English (both documents certified);
7. project for Master's thesis.

NB! Before applying please check for current information at www.ut.ee/studentoffice/studies/ma/english.

Application deadline:
May 1 – non-EU applicants
June 1 – EU applicants

Curriculum structure (120 ECTS total):
- General compulsory courses
- Specialization courses
- Elective courses
- Master's thesis (or master's examination)

Master's degree programs available:
1. Estonian and Finno-Ugric Linguistics - specializations:
   Computational Linguistics
   Estonian Language
   Estonian as a Foreign Language
   Finno-Ugric Languages
   Finnish Language and Culture
   Hungarian Language and Culture
   General Linguistics
   Estonian Language Editor
2. Russian and Slavonic Philology - specializations:
   Russian Language
   Russian Literature
   Slavic Philology
3. English Language and Literature
4. German Language and Literature
5. Romance Studies – specializations:
   Spanish Language and Literature
   French Language and Literature
6. Scandinavian Languages and Cultures
   Danish Language and Literature
   Norwegian Language and Literature
   Swedish Language and Literature

NB! Specializations available may change from year to year. Before applying please check if a particular specialization is available for the year you are interested by writing to studyinfo@ut.ee or visiting the website www.ut.ee/studentoffice/studies/ma/english.

Language of instruction:
the language of the program you are applying for

Program duration:
2 years, possibility of credit transfer is available to graduates with 4-year Bachelor's diploma and for previously completed Master’s level courses at other universities.

Tuition fees:
The fee covers tuition, some study materials and supervision of Master's thesis preparation. Housing, food, insurance and other living expenses are not covered by the program fee.

Address for inquiries:
International Student Office
University of Tartu
Ülikooli 18, 50090 Tartu, Estonia
Phone (+372) 737 6109, 737 5152
Fax (+372) 737 5153
studyinfo@ut.ee
www.ut.ee
Master of Science in Natural Sciences –
Financial and Actuarial Mathematics

1-year Master’s program preparing specialists for financial sector, banking and insurance industries in quantitative methods of risk assessment and hedging, providing knowledge and skills in two major areas - financial engineering and actuarial (insurance) mathematics.

What you can expect from this program

- Special emphasis on applied mathematical models and quantitative methods
- Only program of this kind in the region, meeting EU educational standards in actuarial mathematics
- Graduates very competitive on national and international job market as analysts, actuaries and risk engineers
- Knowledge, practical skills and competence needed to succeed in careers at banks, insurance companies, consulting, financial utilities and financial supervisory authorities

Why choose the University of Tartu for your Master’s

- All graduates of Financial Mathematics have found jobs in the financial sector in Estonia, Europe and the USA.
- The University of Tartu is the only Baltic university member of the Coimbra Group, uniting reputable European research universities of long-standing traditions.
- Tartu is a unique university town with an intellectual atmosphere, rich history and student traditions. It is a great place to study and live.
Who should apply to the program:

- Graduates with a 4-year Bachelor's degree in Mathematics, Statistics, Economics, or Physics.
- Young professionals already working at financial institutions, both in private and public sector.

General admission requirements:

- Applicants must have 240 ECTS earned prior to their application to this program. Graduates with Bachelor's degrees in Mathematics, Statistics, Economics or Physics are candidates well-suited for the program.
- Applicants with a 3-year Bachelor's degree (180 ECTS) must complete one more year (60 ECTS) of University studies elsewhere before applying to this Master's program.
- Prior learning prerequisites: eligible applicants must have completed the following in their prior learning period: a) Mathematics, including Calculus, Measure-Theoretic Probability, Statistics (at least 30 ECTS), b) Economics, including Corporate Finance, Investments and Derivatives, Microeconomics (at least 15 ECTS), c) Computer Science (at least 9 ECTS).
- English language requirement: international applicants for whom English is not a native language need to provide proof of English language proficiency. One of the following is accepted: TOEFL 550 or higher (computer based–213, internet based-79/80); IELTS 6.5; Cambridge Certificate of Proficiency in English – C; Cambridge Certificate in Advanced English – B.

NBI Before applying please check for current information at www.ut.ee/studentoffice/studies/ma/english

Application process:

1. Download the appropriate application forms from www.ut.ee/studentoffice or request them from studyinfo@ut.ee
2. Mail the application with all the necessary documents by indicated deadline to: International Student Office, University of Tartu, Ulloarloo 18, Tartu 50090, ESTONIA

Documents to be submitted:

- application form for Master's studies;
- application form for assessing prior learning;
- copy of the Bachelor diploma (or highest preceding study level) and diploma supplement (transcript/mark sheet) in the original language (a copy certified by the educational institution issuing the document or a notarised copy);
- official translation of the diploma and diploma supplement (transcript/mark sheet) into English, translation certified;
- certified copy of the upper secondary school certificate and with a grade list (non-EU applicants only);
- official translation of the upper secondary school certificate and with a grade list into English, translation certified (non-EU applicants only);
- official test results of the English language proficiency;
- copy of the identification document.

All applicants will receive a confirmation upon receipt of their application and its status. Complete applications will be considered by the Admission Commission and students accepted to the program will be notified of their admission immediately.

NBI Before applying please check for current information at www.ut.ee/studentoffice/studies/ma/english

Application deadline: May 1 - non EU applicants
June 1 - EU applicants

Curriculum structure:

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compulsory module</td>
<td>30 ECTS</td>
</tr>
<tr>
<td>Master Thesis</td>
<td>30 ECTS</td>
</tr>
<tr>
<td>TOTAL</td>
<td>60 ECTS</td>
</tr>
</tbody>
</table>

Limited number of internships will be available to top graduates upon completion of the program.

Courses:

- **Autumn semester**
  - Models of Financial Mathematics
  - Non-Life Insurance Mathematics
  - Life Insurance Mathematics
  - Risk Theory

- **Spring semester**
  - Equations of Mathematical Finance
  - Martingales
  - Numerical Methods for Differential and Integral Equations

Language of instruction: English

Program duration: 1 year, with prior learning prerequisites of 240 ECTS.

Tuition fees:

Program fee covers tuition, teaching materials, supervision and advising of thesis preparation. Housing, food, insurance and other living expenses are not covered by the program fee.

Teaching staff

The teaching staff consists of professors highly qualified in the field of Financial Mathematics, who also have done extensive research and have international experience. Some of the lectures in the program will be delivered by visiting international staff.

To get more information:

University of Tartu [www.ut.ee](http://www.ut.ee)
Admissions [www.ut.ee/studentoffice](http://www.ut.ee/studentoffice)
Tartu [www.tartu.ee](http://www.tartu.ee)
Estonia [www.visitestonia.com](http://www.visitestonia.com)

Address for inquiries:

International Student Office
University of Tartu
Ulloarloo 18, 50090 Tartu, Estonia
Telephone +(372) 737 6109, 737 5152
Fax +(372) 737 5153
[studyinfo@ut.ee](mailto:studyinfo@ut.ee)

"The Institute of Mathematical Statistics at the University of Tartu has considerable international experience in both training and research, starting with the EU Tempus project "Training of Specialists in Mathematical Models for the Market Economy".

Professor Kolev Pärna, Ph. D.,
Program Manager
Professor of Probability Theory
Institute of Mathematical Statistics