

APPLICATION FORM FOR ATOSIM MASTER PROGRAM 2013-2015

**Please read the instructions carefully before completing this application form.
Only complete application forms will be processed.**

This application form consists of the following parts:

- Part A – Personal details
- Part B – Language Proficiency
- Part C – Academic Qualification
- Part D – Curriculum Vitae and Employment Information
- Part E – Motivation
- Part F – References
- Part G – Financial Information
- Part H – Survey
- Part I – Checklist
- Part J – Declaration and Signature
- Part K – Reference Form
- Part L – CV Template

Who should use this application form?

All students applying to the ATOSIM Master programme should use this form.

How to complete this application form?

- Please USE STANDARD FONTS (Arial, Verdana or Helvetica 11, no bold or italic)
 - All documents should be submitted in the same envelope
 - All documents must either be originals or be certified copies
 - If you are currently a student, please forward your final transcripts as soon as they are available
 - Ensure that you complete the checklist and sign the declaration at the end of this form
- NOTE: Applications which are not signed cannot be processed.

**DEADLINE FOR APPLICATION (postmark and email submission):
January 6th 2013**

The required documents have to be sent twice:

> ONCE BY SURFACE MAIL, to:

**ENS de Lyon – CBP
ATOSIM Erasmus Mundus
46, allée d'Italie
69364 Lyon cedex 07
FRANCE**

> THEN BY EMAIL, to atosim@ens-lyon.fr

Please note the subject of the e-mail must be: "EM ATOSIM application"
If possible, send .PDF copies (not .JPG, .JPEG, etc.)

Part A – Personal Details

Ms

Last name: Amanova

First name: Dilafruz

Other initials: Abdusalomovna

Date of birth (dd/mm/yy): 29/06/90

Place of birth (city, country): Tashkent, Uzbekistan

Nationality: Uzbekistan

Marital status: Not Married

Do you have a French/Dutch/Italian residence permit? no

Please specify:

Expires on:

Do you need a student visa for France/The Netherlands/Italy? yes

NOTE: You do not need a visa if you are a citizen of one of the countries belonging to the European Union or of: Switzerland, Liechtenstein, Monaco, Iceland, Norway, Japan, Australia, New Zealand, Canada or the U.S.A. Citizens of the above mentioned countries should however apply for a residence permit after arrival.

Please note that it is your responsibility to obtain a visa. However, if you are accepted in the ATOSIM programme, we will assist you with your visa application.

Address for correspondence

Street and number: Pushkin-Salar street, 3-22

City: Tashkent Postal code: 100000

State: Tashkent Country: Uzbekistan

Telephone: +998 71 2621371

Mobile: +998 94 6038424

Fax number: n/a

E-mail address: dilchik90@yahoo.com

Permanent address (e.g. next of kin)

Street and number: Pushkin-Salar street, 3-22

City: Tashkent Postal code: 100000

State: Tashkent Country: Uzbekistan

Telephone: +998 71 2621371

Mobile: +998 94 6038424

Fax number: n/a

E-mail address: dilchik90@yahoo.com

Part B – Language Proficiency

English Language Proficiency *Only students who had their bachelor education in Canada, USA, UK, Ireland, New Zealand, Australia do not need to send in an English language test.*

The minimum language requirements are as follows:

- **TOEFL test:** minimum score 92, at least 20 on each sub-score (237 computer-based/580 paper-based test)
- **IELTS test:** minimum score 6.5, at least 6 on each sub-score (Academic test, not the General one!)
- **Cambridge International Examinations:** minimum scores A, B (CAE), A,B (CPE) (in both cases, not applicable if you are Chinese)

The period between the proficiency test and this application should not exceed two years.

Please complete the following if applicable.

1) Date of IELTS test (dd/mm/yy): 21/01/12

Score obtained: 7.0

2) Other (dd/mm/yy):.....

Score obtained:.....

3) Do you fluently speak and/or read other languages? Yes (Uzbek, Russian)

Part C – Academic Qualifications

NOTE: All applicants should include official transcripts of every institute of higher education attended,

including a list of courses still in progress. Please forward final grades of courses still in progress as soon as they are available. Documents not in English should be accompanied by an official certified translation.

Undergraduate Degree(s) or First University Degree(s) (Licence, Bachelor, etc.)

Type of degree: Bachelor of Science
Institution: Lomonosov Moscow State University, Tashkent
Field: Applied Mathematics and Computer Science
Major: Applied Mathematics Minor Computer Science
Date obtained (dd/mm/yy): 30/06/12

If you have obtained more than one degree, please provide information in the above format for all of your academic degrees.

3) Are you currently enrolled in a (non-)degree course or educational training relevant to your application?

no

Part D – Current status and Curriculum Vitae

Present status (student/employed/internship/unemployed/...): Employed
since: 16/10/12 until: present
Organisation: UNITEL LTD Telecommunication Company

All applicants should include an up-to-date curriculum vitae (resume) attached to this application on a separate page. (Please use template)

Part E – Motivation

All applicants should include a letter of motivation attached to this application on a separate page. The letter of motivation should describe (in one page) their motivation for applying to this program.

Is it possible in the era of smart technologies to understand the behaviour biochemical compounds in the cell/organism aging? Does molecular simulation allow grasping the depth and accuracy of running processes in system? I believe that the Erasmus Mundus Master Program in Atomic Scale Modelling of Physical, Chemical and Biomelcular Systems capacity can provide the positive and comprehensive answers and solutions to these and the other formidable quests.

The technology in the plainest term is template. As I see the Erasmus Mundus Program is the vast and vibrant networks, with leading scientists from all over the world who investigated, adopted or discarded the technology-conscious templates and solutions for the development. The attracting point of the Program is conducting innovative and break-through research. Under the various facets and angles it will be possible to find out extraordinary solutions and produce a good number of challenges in different fields of Science. In my view due to Modelling, particularly though Quantum Physics it will be possible to find systems with constraints that require minimum energy.

My ultimate goal is to become an expert in the field of Computer Science. Why Computer Science? It is dynamic and rapidly developing across a wide spectrum of our lives. For me the coherence and elegance of Computer Science in general and Modelling particularly give a sufficient reason to apply in our life. I am interested in computer simulations in solid state.

During my schooling Chemistry was my favourite classes. I actively took part in school Chemistry Olympiads and I was the 1st in district Chemistry Olympiads. Because of my success I took part in city level and was in team during 42 International Mendeleev Chemistry Olympiad. In my understanding chemistry is closely related with mathematics. I was always interested in computer simulations of chemical processes. That is why I entered Lomonosov Moscow State University the faculty of Applied Mathematics and Computer Science. My Bachelor Thesis was related with hash functions on Boolean variables and their properties. And during my bachelor studies I learned

C/C++ languages and programmed different mathematical methods. Boolean variables are basics for image processing. That is why learning Modelling attracted me with the opportunity to enrich and apply my knowledge.

Now I am working as a senior software tester at Telecommunication Company. Nowadays Modelling is deployed in developing Process Controls, Telecommunications, etc. It is another specific reason of applying to the Program.

Invaluable experience that I will gain from the Erasmus Mundus Program will help me to find the templates of the daily life problems and do research on my own. The Program will give me unique opportunity to plunge into modern technologies and applications of Modelling in our life. After graduation and coming back I will be able to make a real contribution to the development and implementation of Molecular Modelling in Uzbekistan. This training will be precious career opportunity for me in the Computer Science.

I am confident that my educational background allows me to develop and improve my knowledge and skills. Uzbekistan is a developing country and the demand for the specialists with international background and experience is high. The Erasmus Mundus Master Program in Atomic Scale Modelling of Physical, Chemical and Biomolecular Systems will allow me to develop international projects and collaborations after coming back to Uzbekistan. Also I would like to share my culture and values and learn and benefit from experiences of others for the good of modern society.

Sincerely,

Dilafroz Amanova.

Part F – References

Please list the two persons you have asked to write a letter of recommendation for you. At least one letter should be supplied by a professor or academic advisor. The letters are to be signed and preferably printed on letterhead. We recommend the use of the provided model (see part K).

1) First reference:

Name: Lev Yugai

Title: Professor

Organisation: Lomonosov Moscow State University, Tashkent

Telephone: (998 71) 232-2801

E-mail address: yugailp@mail.ru

2) Second reference:

Name: Akhor Rakhmanov

Title: Associate Professor

Organisation: Lomonosov Moscow State University, Tashkent

Telephone: (998 71) 232-2801

E-mail address: akhorrakhmanov@yahoo.com

Part G – Financial Information

If you wish to apply for an Erasmus Mundus scholarship, please specify which category you qualify for (the definitions of the categories can be found on the first page of this application form).

Category A candidate

I certify, that I fulfil the eligibility criteria

(see <http://www.erasmusmundus-atosim.cecim.org/index.php/eligibility-criteria.html>)

Did you already benefit from an Erasmus Mundus fellowship in the past? no

Do you plan to apply (or have you applied) to other Erasmus Mundus Master Courses for the next academic year? yes

If yes, which?

ATOSIM - Atomic Scale Modelling of Physical, Chemical and Bio-molecular Systems

Embedded Computing Systems

VIBOT - Erasmus Mundus Masters in Vision and roBOTics

You are not obliged to provide this information. Please note that, according to the EC, "candidates can apply for an Erasmus Mundus scholarship to a maximum of three (3) different joint programmes"

Statement of financial resources

In case you intend to apply even if you do not benefit from an Erasmus Mundus grant, please fill out this statement of financial resources (in Euro), to prove that you have sufficient financial support from a sponsor or bank demonstrating your ability to pay the tuition fee and living expenses.

Indeed, students must be able to finance their study and living expenses. This is one of the requirements for being granted a residence permit. As a guideline, a single student needs approximately €10,000-12,000 per year to cover living and other expenses. This is in addition to the tuition fee.

Family contribution: 6,000\$ per year

Loans: n/a

Student's own contribution: 2,400\$ per year

Expected (summer) earnings: n/a

Sponsorships: n/a

Other resources: n/a

Total Resources: 8,400\$ per year

Name of Sponsor (if applicable)

Part H – Survey

Please fill out this short survey. It will help us to update and maintain our information. Please indicate how you initially learned about our programmes and courses.

Internet

*

http://eacea.ec.europa.eu/erasmus_mundus/results_compendia/selected_projects_action_1_master_courses_en.php

Part I – Checklist

I have included the following documents with my application:

Signed printout of the **online application form**

Certified copies of **High-School Diplomas**, in English

Certified copies of **Transcript of records**, in English

Copy of Passport or other identification

Certified copies of **Proof of English proficiency**

- **TOEFL test:** minimum score 92, at least 20 on each sub-score (237 computer-based/580 paper-based test, reporting number 0398)
- **IELTS test:** minimum score 6.5, at least 6 on each sub-score (Academic test, not the General one!)
- **Cambridge International Examinations:** minimum scores **A, B (CAE), A,B (CPE)** (in both cases, not applicable if you are Chinese)

Statement of Purpose: a motivation letter where you indicate why you want to join the ATOSIM programme

Recommendation letters from the scientists mentioned in the application form

Part J – Declaration & Signature

I declare that the information provided by me is correct and complete. I understand that incomplete information will delay the application process and I accept that incorrect information will render the application invalid.

Date (dd/mm/yy): 17/01/13
City, country: Tashkent, Uzbekistan
Name of applicant: Amanova Dilafuz
Signature: [Signature]

Part L – CV Template



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)

Dilafroz Amanova

Address

3-22 Pushkin-Salar street
100000 Tashkent (Uzbekistan)

Telephone(s)

+998 71 2621371

Mobile

+998 94 6038424

Fax(es)

n/a

E-mail(s)

dilchik90@yahoo.com

Nationality

Uzbek

Date of birth

29 June 1990

Gender

Female



Desired employment / Occupational field

Master's Degree

Work experience

Dates

October 2012 - present

Occupation or position held

Senior Software Tester

Main activities and responsibilities

Execute test scripts and document test results. Log defects and verify defect fixes. Analysing, writing reports and communicating results to managers. Monitoring the testing process and identifying and logging test failures.

Name and address of employer

Vitaliy Khan
1, Bukhara street, 100047 Tashkent (Uzbekistan)

Type of business or sector

Cell communication, Telecommunications services, UNITEL LTD

Dates

October 2010 - June 2011

Occupation or position held

Internship

Main activities and responsibilities

Edited and updated uzbek version of www.undp.uz.

Name and address of employer

Laylo Fotikh
41/3, Mirabad street, 100015 Tashkent (Uzbekistan)

Type of business or sector

Humanities, Communication, UNDP

Dates

January 2010 - September 2010

Occupation or position held

Information Technology Volunteer

Main activities and responsibilities

Managed team that trained children in orphanages and elder people. Taught children, elder people Office Programs.

Name and address of employer

Bokhodir Ayupov
41/3, Mirabad street, 100015 Tashkent (Uzbekistan)

Type of business or sector

Humanities, Information Technology, UNDP

Education and training

| | |
|--|--|
| Dates | August 2012 - October 2012 |
| Title of qualification awarded | Certificate |
| Principal subjects / occupational skills covered | HTML, CSS, JavaScript, PHP |
| Name and type of organisation providing education and training | Micros UCD (Education) 86, Kichik Besh-Yogoch street, 100025 Tashkent (Uzbekistan) |
| Level in national or international classification | 51-75 (According to: http://www.shanghairanking.com/Institution.jsp?param=Moscow%20State%20University) |
| Dates | September 2008 - June 2012 |
| Title of qualification awarded | Bachelor of Science |
| Principal subjects / occupational skills covered | Applied Mathematics and Computer Science |
| Name and type of organisation providing education and training | Lomonosov Moscow State University (Education) 22, Amir Temur street, 100060 Tashkent (Uzbekistan) |

Personal skills and competences

Mother tongue(s) **Uzbek**

Other language(s)

Self-assessment
European level (*)

Russian

English

| Understanding | | | | Speaking | | | | Writing | |
|---------------|-----------------|---------|-----------------|--------------------|------------------|-------------------|------------------|---------|------------------|
| Listening | | Reading | | Spoken interaction | | Spoken production | | | |
| C2 | Proficient user | C2 | Proficient user | C2 | Proficient user | C2 | Proficient user | C2 | Proficient user |
| C1 | Proficient user | C1 | Proficient user | B2 | Independent user | B2 | Independent user | B2 | Independent user |

(*) [Common European Framework of Reference \(CEF\) level](#)

Organisational skills and competences

- At university organized students visit to orphanages.
- Project Manager- ICT training in Orphanages. Managed team that trained children in orphanages. Evaluated and prioritized resulting opportunities. Defined study plan and requirements for further trainings. Taught children Office Programs. Presented strategy and status reports to senior manager. Was responsible for a team of 10 people.
- Project Manager- ICT trainings for Elder People. Supervised team of 10 people that educated elder people. Organized groups for trainings. Defined study plan. Taught computer skills for elders.

Computer skills and competences

- Proficient with C/C++ (as a student I programmed various Mathematical methods);
- Competent with Mathcad application (on the 3rd course calculated different Numerical methods);
- Good knowledge of HTML, CSS, JavaScript, PHP, SQL (my own interest);
- Basic knowledge of graphic design applications (Photoshop, for making up web-sites);
- Amdocs Ensemble billing system (due to job duties);
- Competent with most Microsoft Office programmes.

Additional information

PERSONAL INTERESTS

Enjoy reading books and playing piano. Love hiking and listening to music. Beading.

PROFESSIONAL INTERESTS

Information security. Hash functions. Programming.