

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

Mr

Last name: **Ahmad**.....
First name: **Shahbaz**.....
Other initials:.....
Date of birth (dd/mm/yy): **15/12/1984**.....
Place of birth (city, country): **Gujrat, Pakistan**.....
Nationality: **Pakistani**.....
Marital status: **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: **185 Railway Street**.....
City: **Nelso**..... Postal code: **BB9 0QH**.....
State:..... Country: **United Kingdom**.....
Telephone:.....
Mobile: **+44 743 83 43 942**.....
Fax number:.....
E-mail address: Shahbaz3989@yahoo.co.uk

Permanent address (e.g. next of kin)

Street and number: **30 Vernon Street**.....
.....
City: **Nelson**..... Postal code: **BB9 9DB**.....
State:..... Country: **United Kingdom**.....
Telephone:.....
Mobile:.....
Fax number:.....
E-mail address:.....

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):.....
Score obtained:.....
- 2) Other (dd/mm/yy):.....
Score obtained:.....
- 3) Do you fluently speak and/or read other languages?

English language Waiver Request

All non native students must demonstrate their English expertise in order to get accepted for AtoSIM master program, I kindly ask you to exempt me from sending in IELTS or TOEFL results. Since the age of sixteen, I have attended the public colleges and Universities in Pakistan where the approach of instructions was in English language. I have improved my English language in all academic matters. I have learnt problem solving and decisive thinking; English has become the language in which I learned to think in. It has also been the language in which I have done all my high school and university exams. I kindly ask you to look over this matter and exempt me from sending in other proof of language proficiency.

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.

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

Type of degree: **Bachelor of Science (BSc)**.....
Institution: University of the Punjab, Lahore; Pakistan.....
Field:.....
Major.....Minor.....
Date obtained (dd/mm/yy): 31st December 2005.....

2) (Post)-Graduate Degree(s) (Masters, PhD, etc.)

Type of degree: **Master of Science (MSc) in Chemistry**.....
Institution: University of the Punjab, Lahore; Pakistan.....
Field: **Chemistry**.....
Specialisation: **Biochemistry**.....
Thesis: **Post Harvest Factors Affecting Glycoalkaloid Contents in Potatoes**.....
Date obtained (dd/mm/yy): 21st January 2009.....

3) (Post)-Graduate Degree(s) (Masters, PhD, etc.)

Type of degree: **Master of Philosophy (MPhil) in Organic Chemistry**.....
Institution: University of Sargodha, Sargodha; Pakistan.....
Field: **Organic Chemistry**.....
Specialisation: **Synthesis, Characterization and Molecular Modelling**.....
Thesis: **Synthesis and Characterization of Novel Benzylidenes**.....
Date obtained (dd/mm/yy): July 7th 2011.....

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?

.....
.....

Part D – Current status and Curriculum Vitae

Present status (student/employed/internship/unemployed/...): My current job in the United Kingdom provided me with great insight to the cultural differences and has improved my English language capability. This is a full-time entitled job in the area "Customer Services" and "Health and Safety Issues". I'll definitely resign after I am successful in getting Erasmus Mundus (EM) Scholarship as Theoretical Chemistry is my Commitment.. . since: **9th of July 2011**..... until: **To Date**.....
Organisation: Sweet Dreams (Nelson) Ltd, Primrose Mill, Martin Street, Burnley, BB10 1SH.....

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.

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: **Muhammad Ilyas Tariq**.....
Title: **Professor**.....
Organisation: **University of Sargodha, Sargodha Pakistan**.....
Telephone: **0092459920270-72**.....
E-mail address: **dir.m@uos.edu.pk**.....

2) Second reference:

Name: **Ishtiaq Hussain**
Title: **Professor**.....
Organisation: **University of Sargodha**.....
Telephone:.....
E-mail address: **dir_research@uos.edu.ok**.....

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

Category B candidate

I certify, that I fulfil the eligibility criteria of **Category A candidate**.

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

Did you already benefit from an Erasmus Mundus fellowship in the past? yes/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? **I shall apply to two other Erasmus Mundus Master Courses and these are: 1. EMTCCM & 2. ASC**.....

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: **€000**
Loans: **€000**.....
Student's own contribution: **£3000-5000**.....
Expected (summer) earnings: **£14400** per annum.....

Sponsorships: €000.....
Other resources: €000.....
Total Resources:.....
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

Contact with one of the partner universities (personal, phone, visit) (please specify*)

Via our brochures and/or flyers

An education exhibition (which one*)

Graduates of our programmes

Family/friends

Facebook

Other (please specify*)

*

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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): **12/01/2013**.....

City, country: **Nelso (Lancashire), United Kingdom**.....

Name of applicant: **Shahbaz Ahmad**.....

Signature.....

Part L – CV Template



Europass Curriculum Vitae



Personal information

LAST NAME(S) (FAMILY NAME) Ahmad
 First name(s) (Given name) Shahbaz
 In applicable, Maiden name(s)
 Address 185, Railway Street
 BB9 0QH, Nelson, United Kingdom
 Telephone Mobile 447438343942
 E-mail shahbaz3989@yahoo.co.uk
 Nationality Pakistani
 Date and Place of Birth 15/12/1984 in Pakistan
 Gender Male

Desired employment / Occupational field Computational and theoretical Chemistry/teaching/R&D

University education Add separate entries for each academic program, starting from the most recent.

| Academic year | 2008-2010 | 2006-2008 | 2003-2005 |
|--|--|---|---|
| Title of qualification awarded | Master of Philosophy (MPhil) | Master of Science (MSc) | Bachelor of Science (BSc) |
| Date of graduation | July 7 th 2011 | January 22 nd 2009 | December 31 st 2005 |
| Principal subjects/occupational skills covered | Organic Chemistry, Synthesis, Characterization and Molecular Modelling | Biochemistry, Extraction and analysis | Botany, Zoology and Chemistry |
| Name and type of organisation providing education and training | University of Sargodha, Sargodha Pakistan | University of the Punjab, Lahore; Pakistan | University of the Punjab, Lahore; Pakistan |
| Level in national or international classification | MPhil | International (British, European and American) Bachelor Standard | Certificate of higher education (CertHE) consistent with National Recognition Information Center (NARIC) United Kingdom |
| If applicable, title and subject of thesis | Synthesis and Characterization of Novel Benzylidenes | Post Harvest Factors Affecting Glycoalkaloid Contents in Potatoes | |
| Results or grade obtained | 65.00% | 66.00% | Pass |

Personal skills and competences

First language Urdu

Other language(s) (*) [Common European Framework of Reference for Languages](http://europass.cedefop.europa.eu/LanguageSelfAssessmentGrid/en)
<http://europass.cedefop.europa.eu/LanguageSelfAssessmentGrid/en>Self-assessment
European level (*)**English**
French
Dutch
Italian
German

| Understanding | | Speaking | | Writing | |
|---------------|---------|--------------------|-------------------|---------|--|
| Listening | Reading | Spoken interaction | Spoken production | | |
| C1 | C1 | B2 | B2 | C1 | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

TOEFL or IELTS certificate **No****Computer skills and competences**

Microsoft office suite, MS Visual Studio, C++ (basics), Python. I have been explicitly involved in the field of analysis, synthesis, homology modelling, theoretical/computational chemistry-theory/algorithm development and computational modelling within molecular biophysics, to study the electronic processes in complex and biological environments. Computational programs: Gromacs, Gaussian 09, ADF, Atomistix Toolkit, Amber, QSAR, SPDBV, VMD and Zdock etc.

Annexes - Publications

List of scientific publications

1. M. I. Tariq, M. Sarfraz, M. N. Tahir, **S. Ahmad** and I. Hussain, *Acta Cryst.* (2010). *E66*, 2078.
2. M. I. Tariq, **S. Ahmad**, M. N. Tahir, M. Sarfraz and I. Hussain, *Acta Cryst.* (2010). *E66*, 1561.
3. M. N. Tahir, M. I. Tariq, **S. Ahmad**, M. Sarfraz and R. H. Tariq, *Acta Cryst.* (2010). *E66*, 2295.
4. M. N. Tahir, M. I. Tariq, M. Sarfraz, **S. Ahmad** and R. H. Tariq, *Acta Cryst.* (2010). *E66*, 2355.
5. M. N. Tahir, M. I. Tariq, **S. Ahmad**, M. Sarfraz and R. H. Tariq, *Acta Cryst.* (2010). *E66*, 2439.
6. M. Mufakkar, M. N. Tahir, M. I. Tariq, **S. Ahmad** and M. Sarfraz, *Acta Cryst.* (2010). *E66*, 1887.
7. H. A. Shad, M. N. Tahir, M. I. Tariq, M. Sarfraz and **S. Ahmad**, *Acta Cryst.* (2010). *E66*, 1955.
8. M. N. Tahir, M. I. Tariq, **S. Ahmad** and M. Sarfraz, *Acta Cryst.* (2010). *E66*, 2553.
9. M. N. Tahir, M. I. Tariq, **S. Ahmad**, M. Sarfraz and A. Q. Ather, *Acta Cryst.* (2010). *E66*, 1817.
10. M. N. Tahir, M. I. Tariq, **S. Ahmad**, M. Sarfraz and A. Q. Ather, *Acta Cryst.* (2010). *E66*, 1562.
11. M. I. Tariq, T. Noreen, M. N. Tahir, **S. Ahmad** and M. F-ur-Reh, *Acta Cryst.* (2010). *E66*, 2440.
12. A. Hussain, M. N. Tahir, M. I. Tariq, **S. Ahmad** and A. M. Asiri, *Acta Cryst.* (2010). *E66*, 1953.