

Biomedical Science Without Borders?

Study and Work abroad in Europe



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Studying in Germany

- No exchange programs
- Impossible to do practical placements abroad because the students have no influence where they are sent.
- Attendance of complete courses is mandatory.

Working in Germany

- You need at least a 3 year graduated education
- You need a certain amount of practice in all major subjects
 - Otherwise you might have to take an unpaid internship

Possible contacts:

- **DVTA (professional body in Germany)**
- **Agentur für Arbeit (social welfare) (not a recommended way)**
- **Regierungsbezirk (not a recommended way)**

Studying in Portugal: research projects or internships

Same level of qualification

Same degree

Previous experience in laboratory in hospital environment or research lab.

Student
institution

Portuguese
institution

Working in Portugal

Equivalent
Graduation

A3ES: Agency for Assessment
and Accreditation of Higher
Education

Graduation
certificate

Professional
certificate

ACSS: Central Administration
of the Health System

Studying in Sweden

Requirements:

- Erasmus agreements are beneficial
- Studying in Sweden is possible without Erasmus but more complicated, takes more work for the individual student and not guaranteed that the education will meet your own countries requirements.
- You have to successfully passed all your classes.
- The curriculum studies covered have to be equivalent to the course you are joining.

Personal experiences/interviews:

- It is easy to get a spot because not many people apply.
- Not always easy or cheap to get a residence.

Contacts:

- Universities through your Erasmus agreement
- National Professional Body (IBL)

Working in Sweden

Requirements:

- License from the National Board of Health and Welfare (government agency)
- Evaluation and recognition of your education and qualifications
- Language skills: C1 in accordance with the Common European Framework of Reference for Language
- Swedish Level 3 as a foreign language
- Equivalent skills in Norwegian or Danish

Personal experiences/interviews:

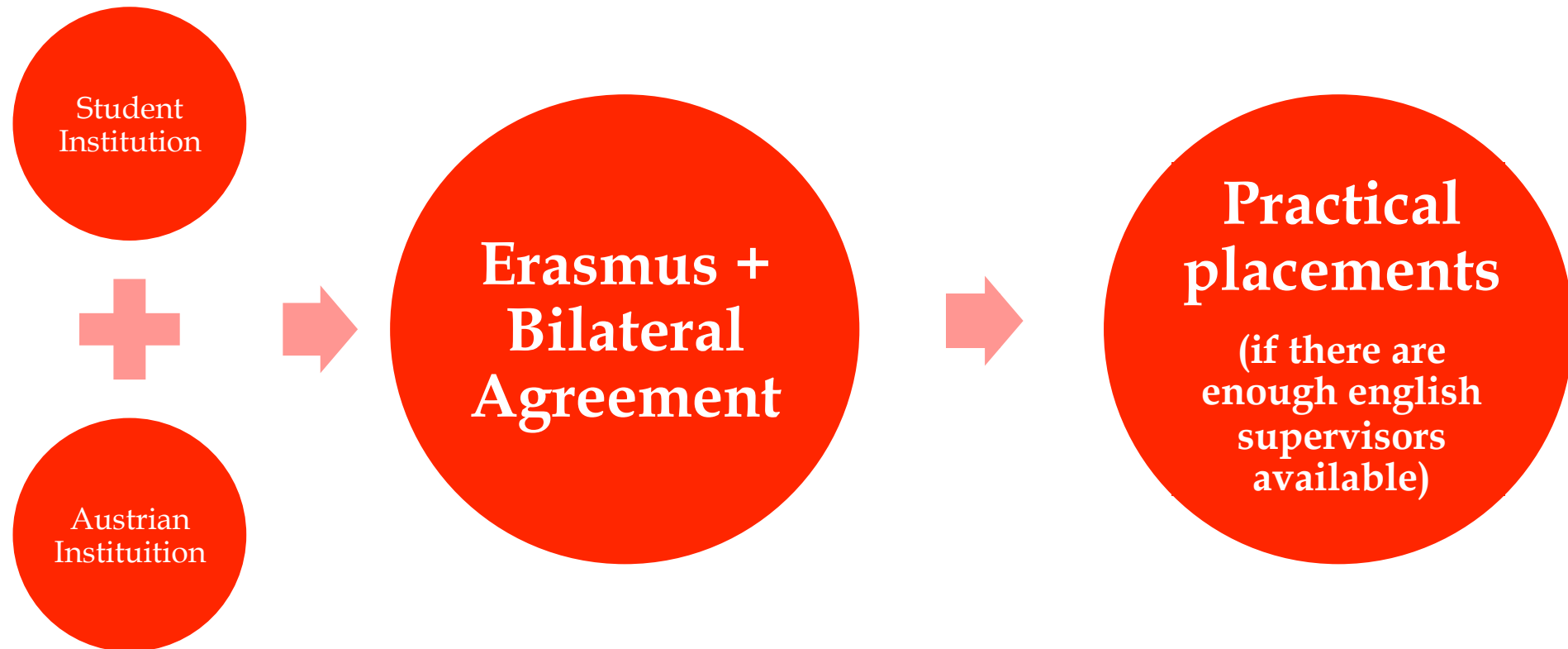
- Even with a high competence level (scientifically) it is often hard to meet the demands regarding the language.

Contacts:

- <https://legitimation.socialstyrelsen.se/en/educated-within-eu-or-eea/biomedical-scientist>

Studying in Austria → practical placements only

→ Responsibility is with the University, not the student



Working in Austria

Diploma of a
BMA education

Application with
handwritten
signature

Mailing address
in Austria

CV which
included detailed
information about
BMS education

Proof that you are
allowed to work
as a BMS in your
country

Curriculum of the
BMS education in
your country

References of
previous jobs

Evidence of
nationality
(passport)

Police record

Doctor's
certificate

Federal ministry for Health:

https://www.sozialministerium.at/site/Gesundheit/Medizin_und_Berufe/Berufe/Berufe_A_Z/Biomedizinische_Analytikerin_Biomedizinischer_Analytiker

Studying in Ireland

International Students:

- DIT accepts international students for full undergraduate programme & for research projects via Erasmus programme. Students are also accepted for modules/semesters, but this is relatively rare
- Each year, DIT accepts approx. 4 incoming students

Entry Criteria:

- DIT International Office website describes the entry criteria and how to apply <http://www.dit.ie/international/international/howtoapply>
- Overall IELTS score of 6.5, with 6.0 in each component

Acceptance Criteria:

- DIT International Office & Programme chair decide which students are accepted

Erasmus Agreements:

- DIT has agreements for student exchanges in biomedical science with: Karolinska Institute, Sahlgrenska, Uppsala (Sweden) as well as Navarra (Spain), Odisee, KU Leuven, Ghent (Belgium) and Coimbra (Portugal)

Studying in Ireland

International Students:

- GMIT accepts international students for full undergraduate programme. Each year, GMIT accepts approx. 2 incoming students for biomedical science
- CIT/UCC accepts students through CAO

Entry Criteria:

- GMIT & CIT/UCC requires the equivalence to Irish second level education
- GMIT also requires minimum IELTS score of 5.5
- CIT/UCC requires the equivalence to Irish second level education for entry into first year medical science

Acceptance Criteria:

- GMIT: Head of Science department decides which students are accepted
- CIT/UCC accepts students through CAO or equivalence

Erasmus Agreements:

- At present GMIT & CIT/UCC does not have Erasmus Agreements

Working in Ireland

- 1) Level 8 QQI degree in Biomedical Science or equivalent
 - 2) QQI confirmation of level of degree (www.qqi.ie)
 - 3) Documentation of Results Covered and passed in Core Subjects.
 - 4) Documentation of Results of Modules taken and passed in all 5 major disciplines
 - 5) Certification of Clinical Laboratory Placement Practice of minimum 1000 hours in a clinical diagnostic pathology laboratory
 - 6) Certification of Clinical Laboratory Placement rotations of all 5 major disciplines
 - 7) Research Project: minimum of 15 ECTS (10-12 weeks)
 - 8) Professional Registration
 - 9) English Language Proficiency: IELTS score of 7.0 with a minimum of 6.5 in each component.
 - 10) Recent Practice: Evidence of practice for at least two of the last five years in an accredited clinical pathology laboratory
- ◆ Future requirements: CORU Registration

Contact information : Ireland

- <https://www.acslm.ie/membership>
- <https://www.dit.ie/studyatdit/undergraduate/programmescourses/allcourses/biomedicalsciencedt204.html>
- <https://www.gmit.ie/medical-science/bachelor-science-honours-medical-science>
- <https://thelifeofamedicalscientist.wordpress.com/medical-science-blogs/>
- <http://www.cit.ie/course/CR320>

Studying in Norway

- Easy to do practical placements
- More difficult to do complete courses/semesters/research projects
- Exchange programs BIONORD & ERASMUS
- Contact universities directly

Working in Norway

- [Altinn.no](http://altinn.no) - The official government internet platform
- Norwegian language test - “Bergens test”
- Diploma
- Transcript/ Diploma supplement
- Detailed plan of curriculum
- Documentation of practical training
- Authorization from home country (e.g. professional licence)
- Norwegian Directory of Health – helsedirektoratet.no
- BFI – Professional body – nito.no/fagmiljo/bioingeniorfaglig-institutt/

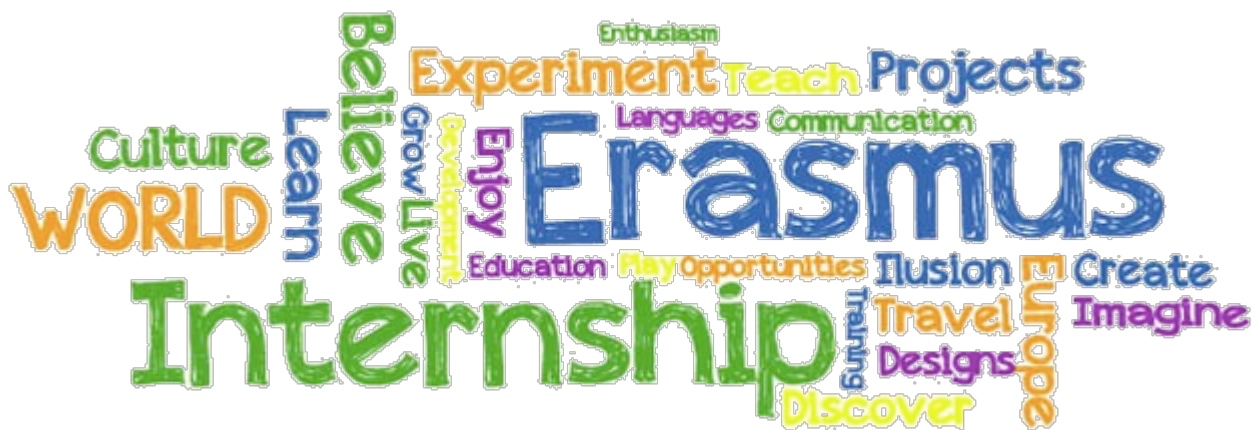
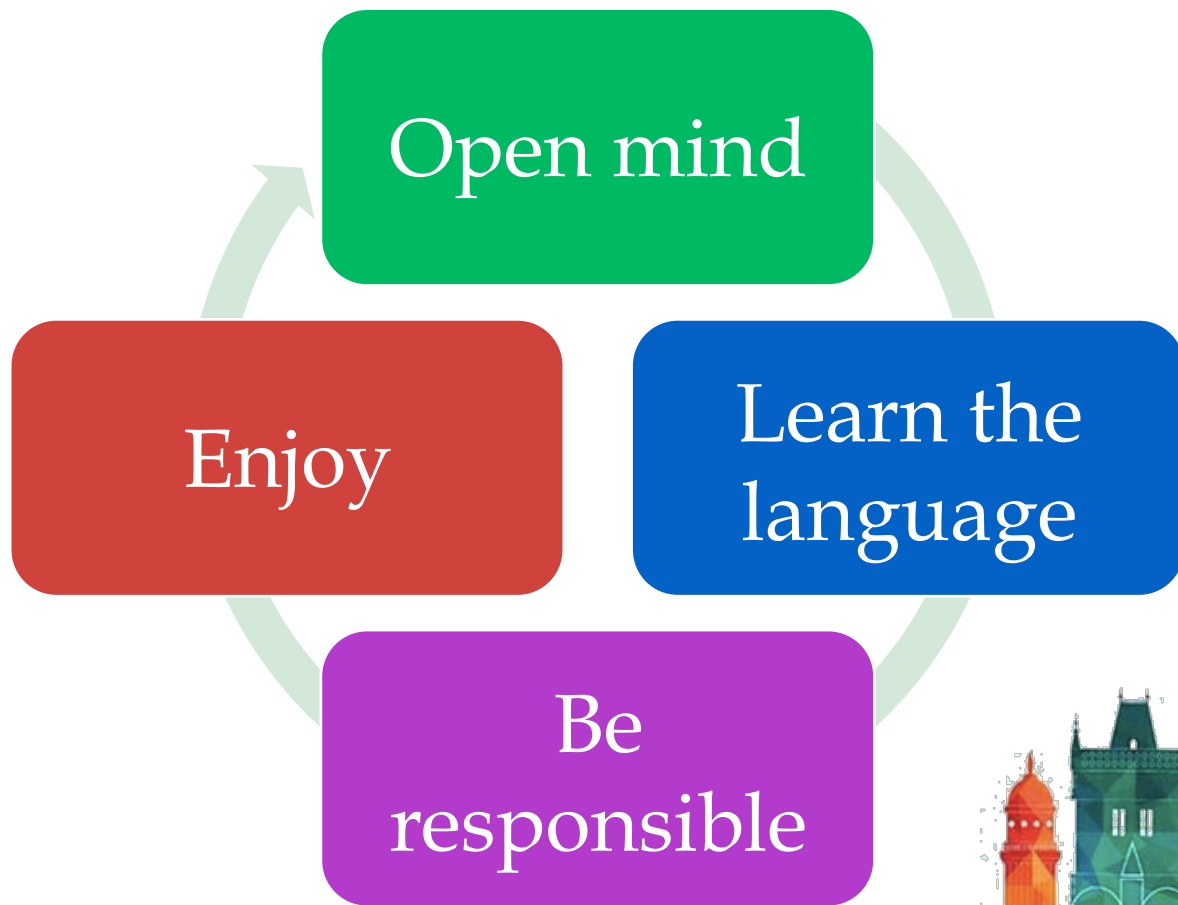
Pitfalls/Barriers

- Language differences
- Lack of contact information
- Lack of standardisation of education / Different levels of education / different working requirements
- Accommodation abroad: finding and financing

Our suggestions to improve

- Standardisation:
 - Course duration
 - Contents
 - Amount of practical placements
 - Research project
 - Professional title
- Establish a network (e.g. like the EPBS Academic Network) to link with correct authorities
- More help from the educational institutions (e.g. accommodation abroad)

General tips to study or work abroad



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Thank you for your attention!