

## **Master's Degree Programme in Biomedical Imaging**

### **1. THE PROGRAMME**

The Master's Degree in Biomedical Imaging is a two-year full-time programme amounting to 120 ECTS credits. The programme is jointly administered by the Faculty of Medicine at the University of Turku and the Department of Biosciences at the Åbo Akademi University. Graduates of the programme are awarded a Master of Science (M.Sc.) degree. The education is given in English.

More information about the programme at the University of Turku: [www.med.utu.fi/bioimaging](http://www.med.utu.fi/bioimaging) and at Åbo Akademi University: [www.abo.fi/bioimaging](http://www.abo.fi/bioimaging).

### **2. ADMISSION REQUIREMENTS**

The students should have sufficient background knowledge in biological and/or natural sciences, and they should have completed a lower university degree equivalent to a Finnish B.Sc. degree (180 ECTS) in the Life Sciences or in a relevant field (biomedical sciences, physics, engineering or chemistry). The applicants should also be familiar with the basics of laboratory practise. Both Finnish and foreign students can apply for the programme. Sufficient knowledge in English language is also required (see Language requirements).

A Finnish Polytechnic degree gives eligibility to apply to master-level studies. However, please note that a degree from a Finnish polytechnic is not the same as a University Bachelor's degree. Therefore applicants who hold this degree might need to complete supplementary studies to a maximum of 60 credits if admitted. These additional studies are not included in the Master's degree. The aim of these studies is to bring everyone to approximately compatible skills in terms of their background in biosciences and other topics that are relevant for the area.

#### **Language requirements**

As the programme is taught in English, admitted students must have sufficient knowledge in English language. The students must prove their English skills as determined by the admission requirements of the University of Turku <http://www.utu.fi/en/studying/apply/degree/language/apply.html> and Åbo Akademi University <https://www.abo.fi/student/en/language>. Please see these pages for detailed information. Applicants must append the scores from an international English-language test to their application.

The applicants are required to proof their knowledge of English by one of the following certificates:

- a) applicants must pass a TOEFL (Test of English as a Foreign Language) with a minimum score of 575 (paper-based test) / 90 (Internet-based test) or IELTS (International English Language Testing Service) 6.5 (no individual scores below 5.5). Applicants who have completed their Bachelor's degree in English in Australia, Canada, Ireland, New Zealand, the United Kingdom, USA or the Nordic countries (Denmark, Finland, Iceland, Norway or Sweden) are exempted from the language test. These applicants knowledge of English must be indicated in their Bachelor's degree certificate.
- b) CPE (Cambridge Certificate of Proficiency in English: pass Grades A, B or C
- c) CAE (Cambridge Certificate in Advanced English): pass Grades A, B or C
- d) current and former degree students and exchange students of the University of Turku and Åbo Akademi University can be exempted from the language test if they have completed at least 20 credits during one term during the exchange, and in that way proven their proficiency in academic English. Current degree and exchange students may also be exempted from the English language

test by a written recommendation of a professor responsible for the Master's degree programme (the applicant must in such cases enclose the recommendation with the application).

- e) in some cases the programme steering committee can exempt applicants from partner universities and Finnish universities and applied universities from taking the English language test. In this case student should ask his/her professor or teacher to write a recommendation for the steering committee. For more information about this, please contact the programme coordinator.

All language test results must be sent to University Admission Finland, Snellmaninkatu 14 B, FI-00170 Helsinki, Finland by the application deadline. Please note it is the applicant's responsibility to make testing arrangements for her/himself. Applicants must also see that the test results should reach the University Admissions Finland office by the application deadline. Language tests taken more than two years prior to application will not be accepted.

Please see the information provided by the test organisers at <http://www.ets.org/toefl> and [www.ielts.org](http://www.ielts.org) for available testing dates in your country.

### 3. APPLICATION PROCEDURE

**The application period for studies starting in September 2012 is December 1, 2011 – February 15, 2012 (16.15 CET+1).**

The Master's Degree Programme in Biomedical Imaging is a joint programme given by both Åbo Akademi University and the University of Turku. In order to increase the chances of being admitted to the programme, applicants are advised to apply to both the University of Turku and the Åbo Akademi University. Note that in order to do so the applicants must complete two application forms and send in both applications and two sets of enclosures (if the language test score report is sent directly to UAF by the testing agency it is enough to only send one copy of the language test). This is due to the fact that the applications will be processed at both universities. The applicant must also put the programmes applied to in order of preference.

All applicants must complete the application form in English. The application template will be available in December 1, 2011 at [www.universityadmissions.fi](http://www.universityadmissions.fi). All applications are sent to the University Admissions Service, from where the complete applications are forwarded to the universities.

#### Required enclosures

- Application form
- An officially<sup>1</sup>certified copy of the<sup>2</sup>degree certificate in the original language. Applicants who have not yet completed the Bachelor's degree required for admission but will complete the degree by the end of the ongoing academic year (July 2012) can apply but must enclose with the application a<sup>3</sup>certificate from the university awarding the degree stating when they will receive the degree. A certified true copy of the degree awarded must reach the university (ÅAU/UTU) by the end of July 2012.
- An<sup>4</sup>official English, Swedish or Finnish translation of the degree certificate or an officially certified copy of the Diploma Supplement
- An officially certified copy of the<sup>5</sup>transcript of records in the original language
- An official English, Swedish or Finnish translation of the transcript of records
- An English, Swedish or Finnish translation of the contents of the transcript of records (course descriptions)
- Proof of proficiency in English (see language requirements above)
- Proof of laboratory working experience

All the required application enclosures must be sent to the following address: University Admission, Yliopistonkatu 2, FI-00170 Helsinki, Finland.

### 3. ADMISSION PROCEDURE

The annual intake of the programme is maximally 30 students (Åbo Akademi University max. 15 students; University of Turku max. 15 students). Applications are evaluated by the board of the Master's Degree

Programme. Selection is made on the basis of degree certificates, language test results and the motivation letter (+ interview). A space for writing a letter of motivation is included in the application form. In this letter the applicant must give reasons why he/she is interested in the programme and describe how it fits in with his/her previous studies and would benefit his/her future interests. The admission board reserves itself also the right to interview the applicant. If the applicants are interviewed, the maximum number of students invited to the interview is 50. In the admission procedure, the applicants with minor need of complementary studies and with laboratory working experience may be preferred.

The students will register to either Åbo Akademi University or University of Turku depending on their own preference and predetermined quota.

The results of the admission will be published in spring 2012. Accepted students will be informed by mail and email.

#### 4. MORE INFORMATION

Information about the programme and application can be found at the programme web sites: [www.med.utu.fi/bioimaging](http://www.med.utu.fi/bioimaging) and [www.abo.fi/bioimaging](http://www.abo.fi/bioimaging). For more information, please contact the programme coordinator (bioimaging@utu.fi).

##### Contact information

Coordinator of the programme

Maritta Löytömäki  
Turku BioImaging  
c/o BioCity Turku  
P.O.B. 123, FI-20521 Turku

Tel: +358-50-411-6682

E-mail: bioimaging@utu.fi

##### <sup>1</sup>Officially Certified (Attested) Copies

All copies of original documents must be officially certified (attested) by the awarding institution or a notary public (please note also country-specific requirements). Copies of copies will not be accepted. All copies must have the original stamp and signature on them. Please note that all pages of the copy must be stamped separately and clearly indicate:

- the signature of the certifying officer
- the stamp of the awarding institution or notary public
- a stamp stating only "Certified true copy" will not be accepted
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##### <sup>2</sup>Degree Certificate

A degree certificate is a document issued by an institution to a student who has successfully completed all studies included in the degree. The student has graduated. The degree certificate should include the name of the institution awarding the degree, the date of issue, the name of the person to whom the degree certificate has been issued and which title/degree the person has been awarded.

##### <sup>3</sup>Institution's Statement Concerning Student's Expected Date of Graduation

The institution's statement concerning a student's expected date of graduation is a document that the institution awards to a student who has not completed all required course units before the application deadline. The student has not yet graduated. If a student has not completed all the required course units before the application deadline, he/she can ask for a statement from the institution concerning the expected date of graduation. The statement should state among other things that the student in question is currently studying at the institution and the date the student is expected to graduate.

##### <sup>4</sup>Official Translations

Translations of educational documents must be 1) issued by the awarding institution or 2) officially certified copy of a translation issued by the awarding institution or 3) translated by an official translator or 4) officially certified copy of a translation made by an official translator.

## <sup>5</sup>*Transcript of Records*

A transcript of records is a document issued by the institution that has issued the degree certificate/temporary degree certificate. The transcript of records should include the course units that the student has completed for the degree, their completion time and the grades and credits awarded. The transcript of records should also include information on the grading scale currently used at the institution. If the degree includes course units that the student has completed in another institution and the transferred credits are not indicated in detail in the transcript of records, a separate transcript of records regarding the transferred credits should be delivered.

### *Temporary (Provisional) Degree Certificate*

A temporary (provisional) degree certificate is a document issued by an institution to a student who has successfully completed all studies included in the degree. The student has graduated. The temporary degree certificate is issued as a replacement for the actual degree certificate e.g. in case the actual degree certificate cannot be given to the student immediately after the studies have been completed due to technical or administrative reasons. The temporary degree certificate should include the name of the institution awarding the degree, the date of issue, the name of the person to whom the degree certificate has been issued and which title/degree the person has been awarded.

## *Country-specific Requirements*

### *China*

If your degree is awarded in China, the required certificates have to be submitted through the China Academic Degree and Graduate Education Development Center (CDGDC). Certificates submitted directly to University Admissions Finland by the applicant will not be accepted. The documents must be written in English. Further information can be found on the CDGDC website ([www.cdgdc.edu.cn](http://www.cdgdc.edu.cn)).

### *Pakistan*

If your degree is awarded in Pakistan, the degree certificate and transcript of records have to be certified (attested) by the Higher Education Commission (HEC). Each page of the transcript of records and the degree certificate has to be stamped and signed by the HEC. Copies of copies will not be accepted, but all copies must have the original stamp given by the HEC. Further information can be found on the HEC website ([www.hec.gov.pk](http://www.hec.gov.pk)).

### *Bangladesh*

If your degree is awarded in Bangladesh, the degree certificate and transcript of records have to be certified (attested) by the Ministry of Foreign Affairs of Bangladesh. Each page of the transcript of records and the degree certificate has to be stamped and signed by the Ministry of Foreign Affairs of Bangladesh. Copies of copies will not be accepted. All copies must have the original stamp given by the Ministry of Foreign Affairs of Bangladesh. Further information can be found on the Ministry's website ([www.mofa.gov.bd](http://www.mofa.gov.bd)).

### *Cameroon, Canada, Eritrea, Ethiopia, Ghana, Nigeria, Sudan, USA*

If your degree is awarded in Cameroon, Canada, Eritrea, Ethiopia, Ghana, Nigeria, Sudan or the USA, an original official transcript of records sealed by the university must be sent directly from your university to University Admissions Finland in an official envelope of the university.

### *Iran*

If your degree is awarded in Iran, copies of the educational documents must be legalized by the Iranian Ministry of Foreign Affairs and the Finnish Embassy in Tehran. Official translations of educational documents must be certified by the Ministry of Justice. Copies of copies will not be accepted. All the copies must have the original stamp given by the Iranian Ministry of Foreign Affairs and the Finnish Embassy in Tehran.