

ADMISSION REQUIREMENTS

The admission requirement for students wishing to enrol in the Master Course is a degree in Civil Engineering, Architecture or equivalent qualifications.

Students from non-English speaking countries are required to have a recognized language proficiency certificate. *

RANKING OF APPLICANTS

The ranking of eligible applicants is based on the following criteria:

- > Previous higher education studies and adequacy of the studies;
- > Educational marks and relevant work experience;
- > Recommendation letters;
- > Motivation and dissertation outline;
- > Additional information (publications, etc.).

LANGUAGE

The language used will be English.

APPLICATION PERIOD (2014/2015)

The International Master Programme and Post-graduation in Sustainable Built Environment – iMiSBE starts in mid September.

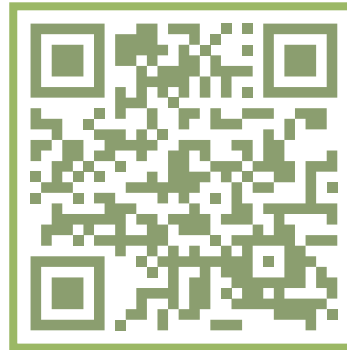
1st Application period: 20 may – 11 june

Website: <http://candidaturas.alunos.uminho.pt/home.aspx>

*FURTHER INFORMATION

For further information, please visit the iMiSBE webpage or contact the MSc Secretariat at:

sec-iMiSBE@civil.uminho.pt



<http://civil.uminho.pt/imisbe>



MSc

University of Minho
School of Engineering

International Master Programme
and Post-graduation in

SUSTAINABLE BUILT ENVIRONMENT

iMiSBE



University of Minho
Department of Civil Engineering
4800-058 Guimarães
PORTUGAL

OVERVIEW

University of Minho (Portugal), together with Czech Technical University in Prague (Czech Republic), Zuyd Polytechnic University (The Netherlands), Polytechnic University of Madrid (Spain), University of Malta (Malta), Aristotle University of Thessaloniki (Greece), the International Initiative for a Sustainable Built Environment (iISBE) and several other universities and other non-commercial organisations, is coordinating an International Master Programme and Post-graduation in Sustainable Built Environment, which objective is to provide expert knowledge about the sustainability of the built environment to students with degrees in Civil Engineering, Architecture or related areas, in a way that is not currently addressed at the level of the other master degrees in Engineering and/or Architecture, being organized in a combination of theory, practice and experimentation in the context of project-driven training.

OBJECTIVES

The broad objective of iMiSBE is to accelerate the worldwide movement towards a global sustainable built environment through the development of the knowledge on techniques, methods, tools and policies that actively facilitate and promote the sustainability of the built environment.

The main objective of the MSc course is to provide specialized training that promotes the students ability to contribute to the advancement of the state of the art within the topic of Sustainable Built Environment through independent and creative research.

The specific objectives of the course are:

- To train highly qualified professionals in sustainable building and sustainable renovation that can carry out their professional activities worldwide with a competitive advantage;
- To provide students with the means for them to develop their skills and deepen their knowledge in sustainable construction or sustainable urban development;
- To establish an advanced training in sustainable building and use it as a factor of affirmation and prestige of the graduates.

PROGRAMME STRUCTURE

The iMiSBE programme has duration of one and a half academic years.

The MSc course is composed by a total of 90 ECTS. In the first year 60 ECTS are dedicated to coursework and in the second year, the first semester is dedicated to the development of the Dissertation work (30 ECTS).

The study programme is composed of thirteen learning units, with eleven sequential units, one unit project-based and one dissertation. The units are as follows:

- Sustainable Building Overview
- Environmental Principles
- Economic and Social Sustainability
- Science of Urban Sustainability
- Materials Products and Systems for Sustainable Construction
- Performance of Buildings
- Sustainable Renovation of Buildings
- Methods and Tools
- Urban Sustainability Performance
- Integrated Design Process
- Integrated Urban Project
- Integrated Research Project
- Dissertation in Sustainable Built Environment

The course combines the most recent advances in research, development and innovation with practical applications. The curriculum aims at providing expertise to students so that they can be productive in industrial and business environments, having a solid basic knowledge of the fundamentals, methods, techniques and tools related to the sustainability of the built environment.

Students can develop part of their dissertation work in other foreign partner institutions and thus will be awarded with an international iMiSBE Diploma. Students wishing to develop their dissertation work in University of Minho are awarded with a Portuguese National Msc Diploma. The list of partner institutions can be found at the iMiSBE webpage. *

TUITION FEES

The tuition fee is 1250 Euro per year.

SCHOLARSHIPS

No scholarships are available for the coursework in the first academic year.

However, for the Dissertation, on the 3rd Semester, a limited number of scholarships will be available. The criteria to grant these scholarships are the following:

1. Relevant publications in international and national journals of the field, developed during the coursework;
2. Educational marks achieved during the coursework.

