THE WIENERBERGER SUSTAINABLE BUILDING ACADEMY IS AN EDUCATION PROGRAM ON SUSTAINABLE BUILDING FOR STUDENTS OF ARCHITECTURE, CIVIL AND ENVIRONMENTAL ENGINEERING FROM AUSTRIA, BELGIUM, GERMANY, HUNGARY, POLAND AND SWITZERLAND.

3 WORKSHOPS
6 COUNTRIES
4 MONTHS

APPLICATION DEADLINE
JUNE 20TH 2014

FOR MORE INFORMATION GO TO WISBA.WIENERBERGER.COM
WHAT IS WISBA?
The Wienerberger Sustainable Building Academy (WISBA) is an international education program in the field of sustainable building. WISBA is jointly developed and coordinated by Wienerberger AG, as well as the Vienna University of Economics and Business, in cooperation with other European technical universities.

TARGET GROUP
WISBA is dedicated to students of Architecture, Civil and Environmental Engineering who are outstandingly motivated in the field of sustainable building and wish to extend their knowledge and experience in this area.

THE PROGRAM
WISBA 2014 supports these target groups in Austria, Belgium, Germany, Hungary, Poland and Switzerland by financing international training that is accredited with 5 ECTS and realized with experts from universities and industry.

Travel, accommodation and program costs will be covered.
- Places for 28 students: 4 Austria, 4 Belgium, 8 Germany, 4 Hungary, 4 Poland, 4 Switzerland
- 7 interdisciplinary and international project groups work on 7 project topics

SCHEDULE
- START CONFERENCE in Munich
  September 15th - 16th 2014
- 3 WORKSHOPS – EACH 3 DAYS
  Munich in September
  Brussels / Warsaw in October
  Zurich / Budapest in November
- RESULT CONFERENCE in Vienna
  December 11th 2014

TOPICS
- Resource efficient wall systems
- Footprint of nearly zero energy buildings
- Measuring the sustainable use of natural raw materials
- Brick design to prevent summer overheating
- Renewable energy technologies at building levels
- Comparison of generic environmental data from different databases
- Brick-adapted architecture

APPLICATION DEADLINE
June 20th 2014

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WISBA 2014

WISBA is the Wienerberger Sustainable Building Academy organised and funded by Wienerberger in cooperation with universities from Austria, Belgium, Germany, Hungary, Poland and Switzerland. WISBA is an opportunity for students of architecture, environmental engineering and civil engineering to work on projects in the field of sustainable building solutions in international and interdisciplinary teams. The program is worth 5 ECTS points.

From September until December 2014 28 students from 6 countries will work in project groups of 4 students on 7 different research topics under the academic mentorship of an distinguished expert in sustainability and construction.

September 14th students will meet in Munich for a start conference and a first workshop lasting in total 5 days. In October and November students will work again for two three days workshops in the participating countries (Brussels, Budapest, Warsaw and Zurich). December 11th students will meet in Vienna with their mentoring professors for a result conference where results of the project work will be presented.

WISBA offers ...

- 5 ECTS points,
- International experience,
- Interdisciplinary team work,
- Contact with building practice in several countries,
- Possibility of an internship at Wienerberger to apply gained knowledge in practice.

Transportation, accommodation and catering for participating students will be financed by Wienerberger.

Project topics:

- Difference of sustainability criteria between buildings labels (Prof. Guillaume Habert, Institute for Construction and Infrastructure Management, ETH Zurich)
- Renewable energy technologies at the building and higher scale levels – LCA and LCC study (Prof. Alexander Furche, Institute for Structures and Conceptual Design, Leibniz University Hannover)
- The Ethics of Brick Construction - What a brick wants to be (Prof. Florian Musso, Institute for Building Construction and Material Science, TU Munich)
- Resource Efficiency in the building sector – search for a new constructive design for outer walls (Prof. Aleksander Panek, Faculty of Environmental Engineering, Warsaw University of Technology)
- Design methods and building construction concepts to reduce the risk of summer overheating in light brick buildings (Peter Medgyasszay, Budapest University of Technology and Economics)
- Brick masonry and Basic Work Requirement 7 „Sustainable Use of Natural Resources“ (Prof. Peter Maydl, Institute of Technology and Testing Building Materials, TU Graz)
- The Environmental Footprint of a nearly zero energy building - in comparison to other indicator sets (Karen Allacker, KU Leuven)

Further information and application on wisba.wienerberger.com