



**JKU**  
JOHANNES KEPLER  
UNIVERSITY LINZ

## Student Exchange Program Austria - Ukraine

Johannes Kepler University, Linz, Austria  
Faculty of Engineering and Natural Sciences

National Taras Shevchenko University, Kyiv, Ukraine  
Faculty of Cybernetics

The Faculty of Engineering and Natural Sciences of the Johannes Kepler University in Linz, Austria, and the Faculty of Cybernetics of the National Taras Shevchenko University in Kyiv, Ukraine, have in April 2012 signed a faculty partnership which incorporates a mutual student exchange program.

- The program applies to **students of the respective faculties at Master's or PhD level**.
- Both faculties provide for such students adequate **course offerings in English**.
- A stay may be for a **single semester** or for a full **academic year** (extensions are possible).
- For exchange students there are **no tuition fees** at the foreign host institutions.

Students maintain their full-time student status at their home universities and continue to pursue their **degree at their home university**; the **transfer of credits** for courses taken at the host university is subject to the regulations of the home university.

**Austrian host:**

<http://www.tn.jku.at>

<http://www.jku.at>

<http://www.linz.at/english>

**Ukrainian host:**

<http://www.cyb.univ.kiev.ua/en>

<http://www.univ.kiev.ua/en/>

<http://www.kyiv.com>

Interested students are asked to **contact the persons stated on the following page**.



## Faculty of Engineering and Natural Sciences, Linz, Austria

The Faculty of Engineering and Natural Sciences (TNF) offers innovative, high quality academic degree programs in an intellectually stimulating environment as well as an excellent educational background which serves as the perfect starting point for graduates to pursue a career in today's job market. Many academic degree programs offered by the TN Faculty are on the cutting edge of science and technology, providing both base-knowledge education in theory as well as important, hands-on experience in cooperation with regional, national and international companies and corporations.

- Students with a Bachelor's degree in **Computer Science** may choose from Master's degree programs in **Computer Science, Network Administration and Security, Pervasive Computing** as well as **Software Engineering. Bioinformatics** combines life sciences and informatics and is also offered as a Master's degree program.
- After successful completion of the Bachelor's degree program in **Technical Mathematics**, students can select to enroll in one of the three following Master's degree programs: **Mathematics in the Natural Sciences, Industrial Mathematics** and **Computational Mathematics**.
- Graduates of a Diploma degree program or a Master's degree program at the TN Faculty may enroll in a **Doctorate Degree Program in Engineering Sciences** or a **Doctorate Degree Program in Natural Sciences**, providing graduates with career opportunities in scientific research at universities and research institutions and in management positions at companies and industrial corporations.

As examples of courses offered by the TNF, see the courses of the Computer Science Department at <http://informatik.jku.at/teaching/incoming/courses.html> or the courses of the Research Institute for Symbolic Computation at <http://www.risc.jku.at/education>.

Students interested to spend a semester (or longer) at TNF may contact Prof. Wolfgang Schreiner <[Wolfgang.Schreiner@risc.jku.at](mailto:Wolfgang.Schreiner@risc.jku.at)> or Mag.a Christine Hinterleitner <[Christine.Hinterleitner@jku.at](mailto:Christine.Hinterleitner@jku.at)>.

## Faculty of Cybernetics, Kyiv, Ukraine

The Faculty of Cybernetics was opened in May 1969; it was the first faculty with a computing profile, which merged the disciplines of mechanics and mathematics, economics and linguistics. It consists of the following departments: **Computational Mathematics, Modelling of Complex Systems, Operations Research, Theoretical Cybernetics, Theory and Technology of Programming, Mathematical Informatics, Systems Analysis and Decision Theory, Information Systems, Applied Statistics**.

Structural units comprise

- **4 research laboratories:** Computational Methods in the Mechanics of Continuous Media, Modeling and Optimization, High Performance Data Processing Systems, and Probability and Statistical Methods:
- **3 research areas:** Theoretical Cybernetics, Programming Issues, Problems of Systems Analysis.

Majors offered are: **Applied Mathematics, Informatics, Social Informatics, Software Engineering, Systems Analysis**.

Specializations comprise Computational Mathematics, Systems Modeling and Optimization, Methodology of Experimental Computing, Operations Research, IT and Systems, Theory and Technology of Programming, Information Security, Methods and Decision Making, Mathematical Methodology for Environmental and Economics Studies, Statistical Methods for Economics and Social Science.

As examples of courses offered by the Faculty of Cybernetics, see the courses offered by the Department of Theory and Technology of Programming at <http://ttp.unicyb.kiev.ua/?lang=en>.

Students interested to spend a semester (or longer) at the Faculty of Cybernetics may contact Prof. Mykola Nikitchenko <[nikitchenko@unicyb.kiev.ua](mailto:nikitchenko@unicyb.kiev.ua)>.