



VISU announces New call for application in Summerschool 2016

„Up-to-date Information Technologies 2016”

22 August 2016 – 04 September 2016

Deadline: 15, June, 2016

Topics: information security, CISCO, cryptographic methods, database management systems, Russian language.

For any questions and applications (Russian, English, German)

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Summer school 2016

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Target group: Students studying information technologies and programming (3rd semester and more) (with basic IT knowledge)

Age requirements: 19-30 years old

Number of students: min - 8, max - 14

Course fee: 850 € (including: 650 - for program, 200 - for accommodation and meals)

Application documents:

- filled [application form](#)

- motivation essay

- document from the university with information of his/her field of studies

- copy of international passport

Contact former participants in our [Facebook group](#)

During summer school following will be covered:

General information

Students study everyday Monday-Friday usually from 9 a.m. till 2 p.m. After lunch they have cultural program, organized activities or free time. Two days are devoted to excursions to other cities (Moscow and Suzdal). One day during weekend will be totally free.

Study program:

School is devoted to the basic issues of **information security**. During last years questions of information security become more and more significant.

Classes (30 academic hours), conducted by specialists in computer security field will give the idea about basic principles and tendencies in sphere of information security.

Participants will have theoretical and practical experience of working with modern **CISCO** network equipment at the CISCO academy at Vladimir State University. They will gain knowledge of how to design and protect computer networks, will have meetings with specialists and discuss features of network infrastructure and security problems and solutions of big companies, using one of Vladimir city ISP's (Internet Service Provider) as an example.

Today **cryptographic methods** of protection are used in a variety of applications: digital signature; electronic money; while protecting valuable paper documents from forgery; electronic voting and many other problems, which require providing protection against unauthorized access to confidential information. Participants will get information about the main encryption algorithms, their performance, reliability and features of the implementation. Will be organized a visit to a company which provides and supports digital signatures for electronics trades and documents exchange, develop and implement software for EDMS (Electronic Document Management Systems).

A part of lectures will be devoted to a comparative evaluation of modern **database management systems**

(DBMS) offers the largest software vendors: IBM, Oracle, Microsoft. Concepts and examples of mechanisms to ensure data security systems in the compared database will be presented.

Participants of the summer school will have opportunity to communicate with members of command "Honeypot" from department of "Informatics and Protection of Information", which regularly takes part in different-level competitions on information security. Part of time will be devoted to analyses of competitive tasks.

Students of summer school will also have **course of Russian language** (20 academic hours). During this course participants learn the fundamentals of Russian language with professional teachers. It is possible to build 2 groups (each more than 4 people) with different levels of Russian language.

Cultural program:

Vladimir was founded in 990. Since the end of XII till middle XIV century it was the capital of the Central Rus. During that period the city experienced the Tartar invasion. Architecture, art of frescos and icon painting developed here. At the present moment Vladimir is a recognized tourist centre and is included in the Golden Ring of Russia. The city is situated in the central part of Russia and of course reflects all changes in modern Russian society (influenced by Moscow).

The integrated cultural program includes excursions to Moscow, Suzdal and Bogolyubovo, museums, different joint activities with Russian students. The participants will have an opportunity to get close to Russian culture (old and modern), to get acquainted with Russian cuisine and art.

During the period of the summer school participants can celebrate two local holidays: the City Day and the Day of Knowledge.

Living conditions

During the summer school the participants live in hostel near the university. Shared WC and shower.

Meal

Meals will be provided three times a day: breakfast, coffee break and hot lunch. On weekends only breakfasts will be provided.

Transport

All transport costs according to school program are included into the participation fee. The costs for transfer from Moscow to Vladimir (arrival) and back (departure) students have to pay by themselves. University will assist with booking a bus or train ticket.

Participation fee includes:

Lectures, workshops, seminars, visit to companies, meals during all the school, travel costs according to the program (except arrival and departure), Russian language course, living in hostel, 2 full day excursions with English guide to Moscow and Suzdal (including entry tickets), other costs of entertainment activities according to the program.