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| **VIETNAM NATIONAL UNIVERSITY – HCMC** |
| **INTERNATIONAL UNIVERSITY** |

**Form 20**

*(Attached the Document No. 5901/BGDĐT-KHTC October 17, 2014 of Ministry of Education and Training)*

**ANNOUNCEMENT**

**Transparent information about education quality of**

**International University, academic year 2014-2015**

**Program: Master of Biomedical Engineering**

| **No** | **Content** | **Full-time programs** | | | |
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| **Doctoral** | **Master’s** | **Undergraduate** | **College** |
| I | **Admission conditions** |  | * Vietnamese or foreigners wishing to learn Master of Biomedical Engineering (Research). * Candidates who have graduated (with Degree of Engineer, Doctor, Pharmacist or Bachelor) domestically or abroad in the fields of Biomedical Engineering, Biomedical Engineering Physics, Biomedical Electronics, Biotechnology, Medicine, Pharmacy, Dentistry, Biology, Medical Engineering. These candidates are not required to take additional courses. * Candidates who have graduated from domestic or overseas universities in the fields of Electrics, Electronics, Telecommunications, Computer Science, Automation and Control, Mechatronics, Mechanical Engineering, Information Technology, Mathematics, Physics, Chemistry, Informatics, Psychology. These candidates are required to take additional technical knowledge course of Introduction to Biomedical Engineering (45 periods). * Test subjects: Synthesis (including knowledge of Mathematics, Biological Statistics and Fundamentals about Biomedical Engineering), Interviews (including the knowledge of understanding / experience of the candidate on Biomedical Engineering and its role and current development of the sector in Vietnam, motivation and career orientation) and English. |  |  |
| II | **Commitment about training facilities for learners** (such as classrooms, facilities, libraries…) |  | At the moment, IU has 2 training premises (one in Thu Duc district and the other in District 1, Ho Chi Minh City)  **Classroom quantity**: 74 classrooms, and among them, 8 auditoriums with over 150 seats and 14 auditoriums with more than 90 seats. All classrooms are equipped with air-conditioning system, computers with internet access, projectors.  **Laboratories and specialized equipment**: 39 labs equipped with modern specialized equipment, including 6 computer labs, 3 language rooms, 25 labs and 5 rooms for practicing workshop. There are 3 labs of Electrical and Electronics, Information Technology sponsored by Word Bank valuing 42,8 bil dong. Other labs of Biomedical Engineering, Biomedical Education, Basic Biotechnology, Molecular Biotechnology, Applied Biochemistry, Physics and Business Emulation Lab, English Lab are from the investment of IU valuing more 30 billion dong. Especially, the Equipment Laboratory is sponsored by Medical Center (MEDIC) and Eye Hospital in Ho Chi Minh City.  **Libraries**: There are currently over 118 thousand sorts of English books, of which one part is from sponsorship of VN2020 Organization, Vietnam Culture Development Society, IVCE-USA Organization, Professor RON REESE, 3A Pharmaceutical Company...  **Dormitory**: Using the dormitory system of VNU-HCMC with 85 rooms, total area 3.518m2, averaging 6m2/student. |  |  |
| III | **Faculty** |  | - Tenured lecturers: 164 people (4 Professors, 12 Associate Professors, 67 Doctors of Philosophy, 81 Masters).  - Visiting lecturers: the number depends on each semester of the academic year (approximately 35%). |  |  |
| IV | **Supporting activities for learners’ studying and living** |  | - Learning: IU uses the Edusoft web software for checking the training programs for students’ learning plan, course registration, scores...; Blackboard for interaction between faculty and students, teaching assistants.  - Activities: if participating in research, students will receive a stipend 3.5 million/month from the school and the support from teaching assistants |  |  |
| V | **Requirements about learners’ studying attitude** |  | - Complying with general training rules of IU.  - Complying with training regulations of the Training Program.  - Attending all training courses of the program and the instruction of lecturers.  - Having high spirit of responsibilty with citizen and community.  - Being proactive, active, diligent and creative in studying and working. |  |  |
| VI | **Aquired aims, knowledge, skills, foreign language proficiency** |  | * Research the important technical and scientific issues. * Understand the dissemination of knowledge and research publication. * Creativity to establish and solve the Biomedical Engineering problems that have not been completely defined in the specialized field. * Apply the process design in a creative way for the multidisciplinary and interdisciplinary issues. * Identify, locate, collect and evaluate necessary investigations data through the design and observations, model creation, simulation, or test. * Develop and manage multidisciplinary and interdisciplinary team. * Communicate effectively in a diverse environment with different expertise. * Project and business management. * Influence the engineering solutions to the environment and social context. * English proficiency: TOEFL > 500 at the time of graduation. |  |  |
| VII | **Career positions after graduation** |  | * Lecturers, researchers in the field Biomedical Engineering (Medical Devices, Biomedical Electronics, Biomedical Engineering, Biotechnology) at universities and colleges; * Lecturers, Researchers at the medical universities in the field of pharmacy, medical engineering, medical devices, imaging diagnostics and functional explorations; * Senior Researchers, project directors, technical directors, business managers at domestic and foreign manufacturing companies, medical equipment business, drug manufacturers; * Head of medical equipment management office, clinical engineers in domestic and overseas hospitals. |  |  |

*HCMC, November 25, 2014*

**Form made by Rector**