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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 Industrial and Systems Engineering**

| **No** | **Content** | **Full-time programs** | | | |
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| **Doctoral** | **Master’s** | **Undergraduate** | **College** |
| I | **Admission conditions** |  | * Vietnamese or foreign citizens. * Candidates who have graduated from full-time undergraduate course in the following majors: Industrial and Systems Engineering from the member universities of Vietnam National University - Ho Chi Minh City; or from foreign university graduates in the majors of Industrial Engineering / Industrial and Systems Engineering / Logistics Engineering / Operations Research. * Candidates who have graduated from domestic or foreign universities in the fields of Engineering, Technology, Basic Sciences: Computer Science, Mathematics, Applied Mathematics, Informative Mathematics; for Economics, it is required to take an additional subject of Production Management. * Candidates who have graduated from domestic or foreign universities in the fields of natural sciences: Physics, Chemistry, Astronomy, Biology) are required to take additional subjects of Production Management and Engineering probability and Statistics. * Test subjects: Synthesis (include basic content of Production Management, Statistics and Probability, and Advanced Mathematics), Interview 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** |  | * Students are provided the advanced knowledge of Optimization, Stochastic processes, Simulation techniques, the production systems and services, and other necessary supporting knowledge. * Students learn how to use the professional knowledge and skills in areas such as mathematics, management science, combined with the principles and methods of analysis and design techniques to identify, predict and evaluate the results obtained from the industrial system to optimize the operation of such systems. * English proficiency: TOEFL > 500 at the time of graduation. |  |  |
| VII | **Career positions after graduation** |  | Students graduating from the Industrial and Systems Engineering program can become professional Industrial and Systems Engineers, work as technical staff and managers in the areas of manufacturing, materials and inventory management, supply chain and logistics management, quality management, planning and scheduling, design and arrangement of space in companies / organizations. |  |  |

*HCMC, November 25, 2014*

**Form made by Rector**