

# HUST BACHELOR PROGRAMM SURVEY

## Responder's detail

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**Thank you for your participation in our survey. Please answer the questions below referring to the grade (1 to 5) by checking X**

1: *Strongly disagree*    2: *Disagree*    3: *Neutral*    4: *Agree*    5: *Strongly agree*

	1	2	3	4	5
1. The coherence between <i>Expected learning outcomes</i> and <i>Study program</i>				X	
2. The importantly of 5 criteria in <i>Expected learning outcomes</i>					
Standard 1				X	
Standard 2				X	
Standard 3				X	
Standard 4				X	
Standard 5				X	
3. The <i>Expected learning outcomes</i> fits well with the industrial demand.					X
4. The balance between theory and practice in <i>Study program</i>				X	
5. The balance between generals and specials courses in <i>Study program</i>					X
6. Others comments, suggestions (Please specify)					
<p><b>Thank you for your contentious support.</b>  <b>We would like to continue our relationship and academic exchange.</b></p>					

Thank you for your participation

## **EXPECTED LEARNING OUTCOMES**

### **for Bachelor Bioengineering**

**Standard 1.** Knowledge of a wide range of expertise to adapt well to job's relevant to the field of study, focusing on the ability to apply basic and specific knowledge of biological engineering with biological engineering orientations in industry, environment, medicine, food and biosafety testing:

1.1. The ability to apply mathematic and scientific knowledge to participate in designing, calculating a system, a workshop or a production process of biological products.

1.2. The ability to apply the basics knowledge of biological engineering for research and problems solving.

1.3. The ability to apply basic and specialized knowledge of biological engineering and quality management in combination with practice to identify issues related to technology, equipment and quality in bio-production. Ability to participate in production organization, to design and to evaluate technological solutions, equipment and quality of bio-products.

**Standard 2.** Professional skills, personal skills and personal qualities that allow learning at a higher level, the ability to self-learning to adapt to the continuous development of science and technology:

2.1. The ability to identify technical issues in the context of global economic, environmental and social.

2.2. Possess the scientific methodology of analysis to participate in projects development and implementation in the field of biotechnology.

2.3. Being proactive, flexible, creative thinking and able to self-evaluate of knowledge, skills and attitudes, self-learning and lifelong learning.

2.4. Time management ability.

2.5. Having professional ethics, honesty and sense of responsibility, professional behavior, proactive in planning for their own careers, regularly updating information in the field of biotechnology.

**Standard 3.** Communication skills, teamwork and international integration:

3.1. Ability to work independently and teamwork in a multidisciplinary collaboration.

3.2. Ability to communicate with domestic and foreign partners.

3.3. Ability to use English at work, TOEIC  $\geq$  500.

**Standard 4.** Ability to develop ideas, to design, to implement and to operate in industrial and social context:

4.1. Understanding their social role and responsibility, being aware of the impact of technical application on society, knowledge of laws and regulations in the field of biotechnology, be aware of historical and cultural contexts, be aware of current issues and global development prospects.

4.2. Adhering to the multi-culture of enterprise, mastering the business strategy, objectives and business plans, able to develop technical commercialization idea, able to adapt in different working environments.

4.3. Ability to brain-storming for a research project; participating in the project implementation plan; applying specific knowledge in design and practice.

**Standard 5.** Political quality, patriotism and good health for the construction and protection of the country:

5.1. Sufficient level of political theory according to the general program of the Ministry of Education and Training.

5.2. Certificate of Physical Education and Certificate of Defense Education - Security according to the general program of the Ministry of Education and Training.