# ANNEX 1
## TRAINING PROGRAM AND SUBJECTS COMBINATION FOR ADMISSIONS

*(Applying for admissions method based on USTH competency assessment examination results; and admissions method based on high school academic performance in combination with interview results)*

## 1.1 Regular programs at USTH

| No. | Training Programs | Combination of subject |
|-----|-------------------|------------------------|
| 1 | Biotechnology - Drug discovery | Maths - Chemistry - Biology |
| | | Maths - Physics - Chemistry |
| | | Maths - Physics - Biology |
| | | Maths - Biology - English |
| 2 | Chemistry | Maths - Chemistry - Physics |
| | | Maths - Chemistry - Biology |
| | | Maths - Chemistry - Informatics |
| | | Maths - Chemistry - English |
| 3 | Advanced Material Science and Nanotechnology | Maths - Physics - Informatics |
| | | Maths - Physics - English |
| | | Maths - Physics - Chemistry |
| | | Maths - Physics - Biology |
| | | Maths - Chemistry - Informatics |
| | | Maths - Chemistry - English |
| | | Maths - Chemistry - Biology |
| 4 | Applied Environmental Sciences | Maths - Physics - Chemistry |
| | | Maths - Chemistry - Biology |
| | | Maths - Chemistry - English |
| | | Maths - Biology - English |
| | | Maths - Chemistry - Informatics |
| | | Maths - Biology - Informatics |
| 5 | Data Science | Maths - Physics - Informatics |
| | | Maths - Physics - English |
| | | Maths - Informatics - English |
| 6 | Applied Mathematics | Maths - Physics - Informatics |
| | | Maths - Physics - English |
| | | Maths - Physics - Chemistry |
| | | Maths - Physics - Biology |

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|---|---|---|
| | | Maths - Chemistry - Informatics |
| | | Maths - Chemistry - English |
| | | Maths - Biology - Informatics |
| | | Maths - Biology - English |
| | | Maths - Informatics - English |
| 7 | Information and Communication Technology | Maths - Physics - Informatics |
| | | Maths - Physics - English |
| | | Maths - Informatics - English |
| 8 | Cyber Security | Maths - Physics - Informatics |
| | | Maths - Physics - English |
| | | Maths - Informatics - English |
| 9 | Mechatronics Engineering Technology | Maths - Physics - Informatics |
| | | Maths - Physics - English |
| 10 | Aeronautical Engineering | Maths - Physics - Informatics |
| | | Maths - Physics - English |
| | | Maths - Physics - Chemistry |
| | | Maths - Chemistry - English |
| 11 | Space Science and Satellite Technology | Maths - Physics - Informatics |
| | | Maths - Physics - English |
| | | Maths - Physics - Chemistry |
| | | Maths - Informatics - English |
| | | Maths - Chemistry - English |
| 12 | Automotive Engineering | Maths - Physics - Informatics |
| | | Maths - Physics - English |
| 13 | Electrical Engineering and Renewable Energy | Maths - Physics - Informatics |
| | | Maths - Physics - English |
| 14 | Semiconductor and IC technology | Maths - Physics - Informatics |
| | | Maths - Physics - English |
| | | Maths - Physics - Chemistry |
| | | Maths - Physics - Biology |
| 15 | Food Science and Technology | Maths - Chemistry - Biology |
| | | Maths - Physics - Chemistry |
| | | Maths - Physics - Biology |
| | | Maths - Biology - English |

| 16 | Medical Science and Technology | Maths - Chemistry - Biology |
| --- | --- | --- |
| | | Maths - Physics - Chemistry |
| | | Maths - Physics - Biology |
| | | Maths - Physics - English |
| 17 | Pharmacy | Maths - Chemistry - Biology |
| | | Maths - Physics - Chemistry |
| | | Maths - Physics - Biology |
| | | Maths - Chemistry - English |

## 1.2. Double degree programs

| No. | Training programs | Combination of subject |
| --- | --- | --- |
| 1 | Biotechnology - Drug discovery | Maths - Chemistry - Biology |
| | | Maths - Physics - Chemistry |
| | | Maths - Physics - Biology |
| | | Maths - Biology - English |
| 2 | Information and Communication Technology | Maths - Physics - Informatics |
| | | Maths - Physics - English |
| | | Maths - Informatics - English |
| 3 | Chemistry | Maths - Chemistry - Physics |
| | | Maths - Chemistry - Biology |
| | | Maths - Chemistry - Informatics |
| | | Maths - Chemistry - English |