

5-semester										6-semester									
1	Numerical Analysis	6	152	108	72	36			44	1	Partial Differential equations	4	102	72	54	18			30
	Graph Theory	4	102	72	54	18			30	2	Fourier Series and Integral Transforms	4	102	72	54	18			30
3	Data structures	6	152	90	54	36			62	3	Complex Functions	4	102	72	54	18			30
4	Ordinary Differential Equations	4	102	72	54	18			30	4	Multidisciplinary Studies – Facial Expressions – from Darwin until the present	2	51	36	18	18			15
5	Advanced programming Workshop	6	152	102	50	52			50	5	Elective Course	4	102	72	36	36			30
6	Elective Course	4	102	72	36	36			30	6	Elective Course	4	102	72	36	36			30
										7	Elective Course	4	102	72	36	36			30
										8	EC(network and internet security)	4	102	72	36	36			30
Total (semester):										Total (semester):									
30										30									
762										765									
516										540									
320										324									
196										216									
246										225									
										Total (year):									
										45									
										1527									
										1056									
										644									
										412									
										471									
7-semester										8-semester									
1	Introduction to Modern Analysis	4	108	72	54	18			30	1	Sequential Modifies in Data Science	4	102	72	54	18			30
2	Object Oriented Programming	6	152	108	72	36			44	2	Algorithms in Optimization	4	102	72	54	18			30
3	Design and Analysis of Algorithms	5	127	90	54	36			37	3	Machine Learning	4	102	72	54	18			30
4	Mathematical Models	4	102	72	54	18			30	4	Digital Signal Processing	5	127	90	54	36			37
5	Elective Course	4	102	72	36	36			30	5	Elective Course	4	102	72	36	36			30
6	Elective Course	4	102	72	36	36			30	6	Elective Course	4	102	72	36	36			30
Total (semester):										Total (semester):									
27										25									
693										637									
486										450									
306										288									
180										162									
201										187									
										Total (year):									
										52									
										1330									
										936									
										594									
										342									
										388									
										Total (4 years):									
										232									
										5905									
										4008									
										2174									
										1834									
										1791									

Definitions:

1. This program is based on the Resolution of the President of the Republic of Uzbekistan PQ-2909 in 20th of April, 2017 “On Measures for Further Development of Higher Education System” in 27th of July, 2017, PQ-3151 “Measures to Extend the Participation of the Spheres and Industries in Higher Education” and PQ-3775 in 5th of June, 2018 “Enhance the quality of education in higher education institutions and take additional measures to ensure their active participation in the country’s comprehensive reforms”.

2. Monitoring and evaluation of students' knowledge is carried out in accordance with the module-credit system.

3. The requirements of the stakeholders are taken into consideration when developing elective course.

4. This curriculum is implemented from 2019-2020 academic years.

Head of the Main Department
control over the introduction of new
programs and educational literature

S.Niyazbekov

Head of Department
spiritual and moral education

O.Bazarov


Director of Higher Education
Development Research and
Advanced Technology Center

Z.Xakimov

Approved by the Coordinating Council of the
activities of educational associations in the areas of
higher and secondary special education under the
Ministry of Higher and Secondary Special
Education.

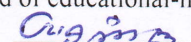
Protocol No. ___ from “___” _____ 2019__

Bukhara state University

Vice Rector for Academic Affairs
 M.I. Daminov

Holon institute of Technology, Israel

Vice-President for Academic Affairs
_____ Prof. D.Shoikhet

Head of educational-methodical department
 M.Ya. Ergashev

State orderer for specialist:

Center for the provision of state services of Bukhara region

 F. Sharipov

