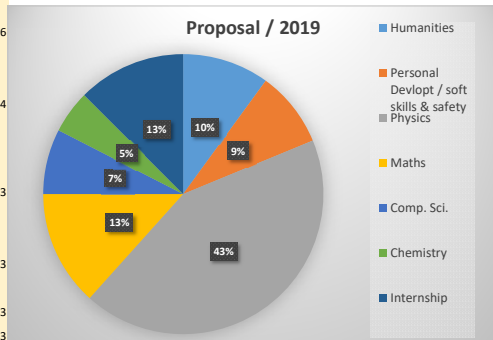
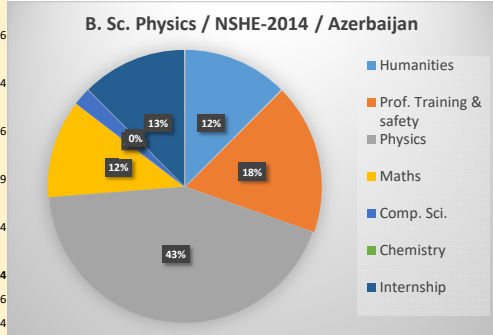


**B. Sc. Physics NSHE Azerbaijan / 2014**

<b>Humanities 30 ECTS</b>	Azeri language	5	HF-B01	
	Foreign language	13	HF-B02	
	History	6	HF-B03	
	Electives	6	HF-B04	
<b>Physics 104 ECTS</b>	Mechanics & relativity	9	IPF-B01	
		9	IPF-B02	
	Molecular Physics	9	IPF-B03	
	Electricity & magnetism	9	IPF-B04	
	Optics	9	IPF-B05	
	Nuclear physics	9	IPF-B06	
	Introduction to modern physics	9	IPF-B06	
	Radiophysics	8	IPF-B14	
	Astronomy	4	IPF-B15	
	Lagrange Hamilton-Jacobi Mechanics	7	IPF-B16	
		7	IPF-B17	
	Electrodynamics	7	IPF-B18	
	Quantum mechanics	7	IPF-B19	
	Thermodynamics & statistical thermodynamics	6	IPF-B20	
	Research methods of applied physics	4	IPF-B21	
		Analysis-1	6	IPF-B07
		Analysis-2	6	IPF-B08
	Algebra	4	IPF-B09	
	Analytical geometry	4	IPF-B10	
	Differential and intergal calculus	4	IPF-B11	
	Functions of a complex variable	4	IPF-B12	
<b>Maths 28 ECTS</b>				
<b>Computer sciences 5 ECTS</b>	Informatics	5	IPF-B13	
<b>Safety rules 3 ECTS</b>		3	IPF-B22	
<b>Electives for professional training 40 ECTS</b>		40	IPF-B00	
<b>Last semester ? 30 ECTS</b>	Internship	21	TE-B01	
	Final state attestaion	9	TE-B02	
Humanities	NSHE_2014	30	NSHE_2019	
		30	Humanities	
			Personal Devlopt / soft skills &	
Prof. Training & safety		43	safety	
Physics		104	Physics	
Maths		28	Maths	
Comp. Sci.		5	Comp. Sci.	
Chemistry		0	Chemistry	
Internship		30	Internship	

**B. Sc. Physics / Proposal 2019**

<b>Humanities 24 ECTS</b>	Azeri language	5
	Foreign language	13
	History	6
<b>COMPULSORY Soft skills - transverse competences 18 ECTS</b>	personal and interpersonal development - management - introduction to the business world	18
	Mechanics & relativity	9
	Lagrange Hamilton-Jacobi Mechanics	6
	Fluid mechanics	4
	Introduction to modern physics	6
	Electricity & magnetism	9
	Optics	4
<b>Physics 103 ECTS / 91 ECTS COMPULSORY with 24 ECTS practice / 12 ECTS ELECTIVE</b>	Thermodynamics	4
	Electrodynamics	6
	Statistical thermodynamics	4
	Quantum mechanics	9
	Condensed matter physics	6
	<b>PRACTICAL WORK / LAB TRAINING - RESEARCH PROJECT</b>	24
	Molecular Physics	3
	Nuclear physics	3
	Radiophysics	3
	Astronomy	3
	Nanophysics	3
	Biophysics	3
	Inorganic chemistry	3
	In-depth statistical physics	3
	In depth quantum mechanics	3
	Advanced mechanics	3
	Geosciences	3
	Chemistry / 12 ECTS	4
	Atomistics	4
	Molecules and binding	4
	<b>COMPULSORY Organic chemistry</b>	4
	Analysis-1	4
	Analysis-2	4
	Algebra	6
<b>Maths 32 ECTS</b>	Analytical geometry	4
	Differential and intergal calculus	9
	Functions of a complex variable	5
<b>Computer sciences 18 ECTS</b>	Informatics	18
<b>Safety rules 3 ECTS</b>		3
<b>Last semester ? 30 ECTS</b>	Internship	21
	Final state attestation	9



Humanities	30	Humanities	24
Prof. Training & safety	43	Personal Devlopt / soft skills & safety	21
Physics	104	Physics	103
Maths	28	Maths	32
Comp. Sci.	5	Comp. Sci.	18
Chemistry	0	Chemistry	12
Internship	30	Internship	30