SEMINARS:

The topic №	Name of topics for class	Number of hours	Maximum score
1	Type of scattering matrix	1	8
2	Same particles and statistical physics	1	8
3	The scattering operator in the continuous case	1	8
4	S-matrix, dispersion relations	1	8
5	The Green's function and perturbation theory	1	8
6	Operator algebra. The time Green's function	1	8
7	The wave function in the semiclassical approximation	1	8
8	Parametric excitation of a quantum oscillator	1	8
9	Heisenberg representation and canonical transformations	1	8
10	Section. Unitarity and symmetry of the S matrix.	1	8
11	Threshold phenomena.	1	8
12	General formulas for scattering cross sections	1	8
13	The formula for determining the amplitudes of various processes	1	8
14	Reactionswithneutrinoemission	1	8
15	Multiplication in the case of several channels	1	8