

Tasks and methodical recommendations for the MSWT.

Implementation Schedule for the MSWT:

№	Tasks for the MSWT*	Implementation form for the MSWT	Terms of the MSWT** (academic week)
1	Relativistic kinematics, centre-of-mass energy, Mandelstam variables.	Report	3
2	The adjoint Dirac equation and the conserved probability current.	Report	5
3	Virtual photons and the photon propagator. Real and virtual photons.	Report	7
4	Propagator for unstable virtual vector bosons.	Report	9
5	An electron in an electromagnetic field.	Report	11
6	Boson-Gluon fusion.	Report	13
7	The Weinberg formulation of the Higgs Mechanism for $SU(2) \otimes U(1)$.	Report	15