



Relação de Disciplinas

41010020 Programa de Pós-Graduação em Física ME

Disciplina	Nome da Disciplina	Créditos			Situação
		T	TP	P	
FSC410132	TÓPICOS ESPECIAIS EM FÍSICA B: Phenomenology of Particle Physics Structure of the Standard Model of particle physics. Quarks, leptons, neutrino, gauge bosons and Higgs sectors. Weak, electromagnetic and strong interactions. Relativistic kinematics. Scattering cross sections and decays. Quantum Chromodynamics (QCD) and electroweak phenomenology at particle colliders. Experimental tests of the Standard Model and precision observables. Flavor physics. Popular extensions of the Standard Model and searches for New Physics. Astroparticle phenomenology.	4	0	0	Ativo