



Course Description

Legend

Course Title [A – B – C]	Course #:	Prereq.:
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A: Theoretical hrs

B: Practical hrs

C: Credit hrs

Third: Specialized requirements (109 hours)

A. Compulsory requirements (100 hours)

Nuclear Reactions [3 – 0 – 3]	Course #:0906410	Prereq.: 0300122
Energetic and kinetics of nuclear reactions and radioactive decay , fission, and reactions of low – energy neutrons ; properties of the fission products and the actinides ; nuclear models and transition probabilities ; interaction of radiation with matter .		