Programs of the courses – Roma Tor Vergata – academic year 2017-2018

semester S2 Edition 8

compulsory courses

**Gravitational Physics** *(Prof. A. Rocchi)*

**Relativity and Cosmology I** *(Prof. N. Vittorio)*

**Stellar Astrophysics** *(Prof. G. Bono)*

Compulsory, 6 ECTS

optional courses

Astroparticle Physics (Prof. R. Bernabei)
Optional, 6 ECTS

Celestial Mechanics (Prof. G. Pucacco)
Review of hamiltonian mechanics. Integrability, first integrals, simmetries. Non-
Optional, 6 ECTS

**Sun and Space Climate** *(Prof. F. Berrilli)*
Optional, 6 ECTS

**Italian as a foreign language**
Optional, 3 ECTS