



Board of Teacher Education
Physics

Course Reading

Physics I and Physics Education

Valid from 08/28/2023

Course Code: FYGL12
Course Title: Physics I and Physics Education
Credits: 30
Degree Level: Undergraduate level

Books

Bergström, Lars & Nordlund Lars. *Ellära, krets- och fältteori*. Liber

Kaufmann III, W J & Freedman, Roger A. *Universe*. W H Freeman

Nordling, Carl, Österman, Jonny. *Physics handbook : for science and engineering*. Lund: Studentlitteratur

Young, Hugh D., Freedman, Roger A., Ford, A. Lewis (2020, 2020). *Sears and Zemansky's university physics with modern physics*. Harlow: Pearson Education Limited Fifteenth edition in SI Units.

Urval av Forskningstidskrifter.

Skolverket. Läroplan för grundskolan, förskoleklassen och fritidshemmet 2022, Lgr22.

Skolverket. Läroplan för gymnasieskolan 2011, Gy11.

Skolverket. Ämnesplan fysik 2011.

Approved by the Board of Board of Teacher Education 06/19/2023