

Space Science and Technology

Basic information

Sivuaine suomeksi: Avaruustiede ja -tekniikka

Biämne på svenska: Rymdfysik och -teknik

Code: ELEC3044

Extent: 25 credits

Language: English

Responsible professors: Anne Lähtenmäki, Jaan Praks, Esa Kallio

Target group: All students with sufficient prerequisite knowledge.

Application procedure: No separate application procedure.

Prerequisites: BSc in engineering or a closely related field, or basic knowledge of mathematics and physics.

Content and structure of the minor

Code	Name	Credits	Teaching period
Compulsory courses		10	
ELEC-E4210	Introduction to Space	5	III - IV
ELEC-E4240	Satellite Systems P	5	I - V
Optional courses		15	
Choose two or three from the list below			
ELEC-E4230	Microwave Earth Observation Instrumentation P	5	I - II
ELEC-E4530	Radio Astronomy P	5	I - II
ELEC-E4540	Space Climate P	5	V
ELEC-E4220	Space Instrumentation P	5	I - II
ELEC-E4520	Space Physics P	5	I - V

ELEC-E4930	Space Technology Project V	5-10	al l p e r i o d s
ELEC-E4940	Special Assignment in Space Science and Technology V	5-10	al l p e r i o d s

Choose one or none from any ELEC-E44xx or ELEC-E47xx courses
