

# 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 Lähteenmäki, 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	
<a href="#">ELEC-E4210</a>	Introduction to Space	5	III - IV
<a href="#">ELEC-E4240</a>	Satellite Systems P	5	I - V
Optional courses		15	
Choose two or three from the list below			
<a href="#">ELEC-E4230</a>	Microwave Earth Observation Instrumentation P	5	I - II
<a href="#">ELEC-E4530</a>	Radio Astronomy P	5	I - II
<a href="#">ELEC-E4540</a>	Space Climate P	5	V
<a href="#">ELEC-E4220</a>	Space Instrumentation P	5	I - II
<a href="#">ELEC-E4520</a>	Space Physics P	5	I - V

---

<a href="#">ELEC-E4930</a>	Space Technology Project V	5-10	al l p e r i o d s
<a href="#">ELEC-E4940</a>	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

---