

Schedule

Mondays	13.15–15.00	ES63
Thursdays	08.00–09.45	EL43
	10.00–11.45	ES53
Fridays	15.15–17.00	ES53

Note deviations from this schedule:

Visit to Onsala Space Observatory on Monday 25 Nov. See separate information.
 Thursday 28 November 10–12 exercises in room ES52 (not the usual ES53)
 Preliminary: Extra class 9–12 on Thursday 9 January: Review, old exam problems, etc.

(Chapters in "Astrophysics for physicists" by Arnab Rai Choudhuri.)

Mon 4 Nov, ES63	13–15	<i>Lecture (Magnus)</i>	Introduction (chapt. 1) (+ an overview of the universe)
Thu 7 Nov, EL43/ES53	08–10	<i>Lecture (Susanne)</i>	Exoplanets
	10–12	<i>Exercise (Mamiko)</i>	Introduction (magnitudes etc.), Exoplanets
Fri 8 Nov, ES53	15–17	<i>Lecture (Magnus)</i>	Interaction of radiation with matter (chapt. 2)
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Mon 11 Nov, ES63	13–15	<i>Lecture (Magnus)</i>	Interaction of radiation with matter (chapt. 2)
Thu 14 Nov, EL43/ES53	08–10	<i>Lecture (Susanne)</i>	Stellar astrophysics I (chapt. 3)
	10–12	<i>Exercise (Mamiko)</i>	Radiation, Stellar astrophysics
Fri 15 Nov, ES53	15–17	<i>Lecture (Susanne)</i>	Stellar astrophysics I (chapt. 3)
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Mon 18 Nov, ES63	13–15	<i>Lecture (Magnus)</i>	Stellar astrophysics II (chapt. 4)
Thu 21 Nov, EL43/ES53	08–10	<i>Lecture (Susanne)</i>	Our Galaxy and its interstellar matter (chapt. 6)
	10–12	<i>Exercise (Mamiko)</i>	Stellar astrophysics, Our Galaxy, ISM
Fri 22 Nov, ES53	15–17	<i>Lecture (Susanne)</i>	Our Galaxy and its interstellar matter (chapt. 6)

Mon 25 Nov, 11–17 *Visit to Onsala Space Observatory*

Thu 28 Nov, 08–10 *Lecture (Magnus)* End states of stellar collapse (chapt. 5)
EL43/ES52 **10–12** *Exercise (Mamiko)* Our Galaxy, ISM, End states of stellar collapse

Fri 29 Nov, 15–17 *Lecture (Magnus)* The solar system
ES53

Mon 2 Dec, 13–15 *Lecture (Magnus)* The solar system
ES63

Thu 5 Dec, 08–10 *Lecture (Susanne)* Extragalactic astronomy (chapt. 9)
EL43/ES53 **10–12** *Exercise (Mamiko)* The solar system, Extragalactic astronomy

Fri 6 Dec, 15–17 *Lecture (Susanne)* Extragalactic astronomy (chapt. 9)
ES53

Mon 9 Dec, 13–15 *Lecture (Magnus)* The spacetime dynamics of the Universe (chapt. 10)
ES63

Thu 12 Dec, 08–10 *Lecture (Magnus)* The spacetime dynamics of the Universe (chapt. 10)
EL43/ES53 **10–12** *Exercise (Mamiko)* Extragalactic astronomy, Spacetime

Fri 13 Dec, 15–17 *Lecture (Susanne)* The thermal history of the Universe (chapt. 11)
ES53

16.00 *Deadline for the SALSA report*

Mon 16 Dec, 13–15 *Lecture (Susanne)* The thermal history of the Universe (chapt. 11)
ES63

Thu 19 Dec, 08–10 *Lecture (Magnus)* Relativistic cosmology (chapt. 14)
EL43/ES53 **10–12** *Exercise (Mamiko)* History of the Universe

Preliminary:

Thu 9 Jan, 9–12 *Lecture + exercise (Susanne, Magnus, Mamiko)*
Room tbd Review, old exam problems