



Universiteit Leiden

Master Schedule - Astronomy & Physics

Semester 1
FALL 2017

Abbreviation	Course name click for course description	Lecturer(s)	Level	EC	Location	Ueis Catalog Nbr	Ueis Class Nbr Exam	Ueis Class Nbr Retake
AOT	Astronomical Observing Techniques (Obligatory for International A&I students)	Keller	500	-	HL414	4072ASOT5	6409	6410
ATI	Astronomical Telescopes and Instruments (+ AOT for Int.students)	Keller/Kenworthy	500	6	HL414; ps HL 411, Exam HL414	4303AIAT6	14714	
CAP	Computational Astrophysics	Portegies Zwart	400	6	HL411 (29-9, 3-11, 1-12:HL PClab 3rd floor); Exam HL411	4303COAS6	14715	
DBDM	Data Bases and Data Mining in Astronomy	Brinchmann	500	3	HL411	4303DBDMA	13731	
OEU	Origin and Evolution of the Universe	Bouwens	500	6	HL414, Exam HL414	4303OEUNI	14716	
AFS	Astronomy from Space	Fridlund	400	3	HL414, Exam HL414	4303ASFS3	14717	
PFS	Project management For Scientists	Keller	400	3	HL414	4303PRMS3	13732	
HCI	High Contrast Imaging	Kenworthy	400	3	HL414 and HL411; Exam HL414 and HL411	4303HCIO3	14718	
evA	Evaluation of the Astronomy courses	Linnartz	-	-	HL414	n.a.		
Intro Ast	Introduction Master Astronomy (obligatory)	van der Werf	-	-	HL414	n.a.		
CIMAS	Career Information Meeting Astronomy	Various	-	-	HL414	n.a.		
Safety Instr.	Safety Instructions (obligatory)	Various	-	-	tbd	n.a.		
Strw. Sc. Day	Sterrewacht Science Day (obligatory)	Various	-	-	DeSitterzaal	n.a.		
ABP	Advanced Biophysics	Schmidt/vNoort/Heinrich/Semrau	500	6	HL207; (5-10, 2-11: HL226), (9-11, 16-11: SN412), 23-11:HL204	4403ADBPL	13733	
ADO	Advanced Optics	vExter/Orrit/Beijersbergen	500	6	HL207; (29-9:HL226, 24-11:HL204); Exam HL214	4403ADVOP	13815	
ATP1	Advanced Topics in Theoretical Physics 1	Schalm	600	6	Module1 Utrecht/Module2 Leiden HL226, Exam SN312/Module3 Amsterdam, see webpage	4403ATT17	13070	
CMP	Condensed Matter Physics	Vd Molen/Oosterkamp	500	6	HL207; ps HL226 (9-11:SN312); Exam HL214	4403COPH6	13816	
CXN	Complex Networks	Garlaschelli/DenHollander/Emmerich	400	6	HL214 (15-11, 22-11:SNB02); Exam and Retake HL106	4603COMNW	14285	14536
EFT	Effective Field Theory	Achúcarro	500	3	HL226; ps HL226 (9-11:SN312); Exam HL204	4403EFTH3	13810	
EBP	Experimental Biophysics (optional, as part of ABP)	Schmidt/vNoort/Heinrich/Semrau	500	6	HL207; (5-10, 2-11: HL226), (9-11, 16-11: SN412), 23-11:HL204	4403ADBPL	13733	
FMT	Frontiers of Measurement Techniques	Oosterkamp	400	3	HL226 (9-11:SN312; 23-11:HL204); Exam HL106	4403FRMT3	13817	
MRP	Magnetic Resonance Physics	Huber	500	3	HL226 (29-11: HL106, 13-12: HL207)	4403MRPH3	13734	
OSM	Origin and Structure of the Standard Model	Boyarsky	400	3	HL226 (28-11: HL106); ps HL211	4403OSSM3	13735	
QIF	Quantum Information	Beenakker	400	3	HL204; ps HL204, Exam HL 214	4403QINF3	14338	
QTH	Quantum Theory	Beenakker	400	6	HL204; ps HL204; Exam HL214	4403QUTH6	12086	
SBT	Soft & Biomatter Theory	Van Saarloos	500	6	HL207 (29-9:HL226; 24-11:HL414) ps: HL226; Exam HL214	4403SBMT6	13818	
StPa	Statistical Physics a	Giomi	400	6	HL207; ps HL226; Exam HL207	4403STPA	13812	
StPb	Statistical Physics b: Statistical Field Theory	Giomi	400	3	HL207; ps HL226	4403STPB	13736	
TGR	Theory of General Relativity	Zaanen	400	6	HL226 (19-12:HL207), Q: HL207; Exam HL106	4403TGR64	13811	
IntP	Introduction Master Physics (Obligatory)	Papathanassiou	-	-	HL207	n.a.		
evP	Evaluation of the Physics courses	Schiessel	-	-	HL204	n.a.		
Phys. Sc. Day	Physics Science Day	Various	-	-	DeSitterzaal	n.a.		
Safety Instr.	Safety Instructions (obligatory)	Various	-	-	tbd	n.a.		
MP	Mesoscopic Physics (AP3261 D)	Vandersypen	-	6	Delft	460313261	14719	
IMS	Imaging Systems (AP3121 D)	Kalkman	-	6	Delft, preliminary schedule	4603A3221	14720	
DDCS	Databases and Data mining (Computer Science)	Bakker	500	6	SNB02 (7-11&5-12: SNB03)	4343DBDMT	12967	
AIDM	Advances in Data Mining	Kowalczyk	500	6	SNB03	4343ADVDM	14721	12972
cAst	Colloquium Astronomy	Various			see webpage			
cEh	Colloquium Ehrenfestii	Various			see webpage			
cJvw	Colloquium Joan van der Waals	Various			see webpage			