

Master Schedule - Astronomy & Physics



Universiteit Leiden

Astronomy, Leiden
Physics, Leiden
Other
Exam

Semester 1 - FALL 2017

		1: 09.00 - 09.45					2: 10.00 - 10.45					3: 11.00 - 11.45					4: 12.00 - 12.45					Break: 12.45 - 13.30					5: 13.30 - 14.15					6: 14.30 - 15.15					7: 15.30 - 16.15					8: 16.30 - 17.15																																				
		MONDAY										TUESDAY										WEDNESDAY										THURSDAY										FRIDAY																																				
		1	2	3	4	Break	5	6	7	8	1	2	3	4	Break	5	6	7	8	1	2	3	4	Break	5	6	7	8	1	2	3	4	Break	5	6	7	8	1	2	3	4	Break	5	6	7	8																																
36	A	Opening Academic Year										AOT Intro Ast										AOT cAst										Intro Study Union										36	A																																			
Sep 4	P	QTH	IntP				TGR					AIDM					aidm					HCI					CXN STPa					MP IMS*					TGR					EFT ABP					PFS SBT					ADO					Sep 8	P																				
37	A	QTH	qth/ATP1	atp1			EFT					TGR					aidm					DDCS					CXN STPa					ATI at/ DLF DBDM					TGR					EFT ABP					Strw. Sc. Day					Intro Study Union					37	A																				
Sep 11	P	IMS*				AIDM					aidm					DDCS					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT ABP					Oitgr SBT					ADO					Sep 15	P																					
38	A	QTH	ATP1	MSc colloquium			TGR					Phys. Sc. Day					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT ABP					Oitgr SBT					ADO					38	A																									
Sep 18	P	IMS				AIDM					aidm					DDCS					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT ABP					Oitgr SBT					ADO					Sep 22	P																					
39	A	QTH	qth/ATP1	OEU			TGR					cTWO					HCI					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT ABP					PFS CAP					CAP					39	A																				
Sep 25	P	IMS				AIDM					aidm					DDCS					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT ABP					Oitgr SBT					ADO					Sep 29	P																					
40	A	QTH	ATP1	OEU			Relief of Leiden (Leidens Ontzet)										CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT ABP					Oitgr SBT					ADO					40	A																									
Oct 2	P	IMS				AIDM					aidm					DDCS					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT ABP					Oitgr SBT					ADO					Oct 6	P																					
41	A	QTH	qth ATP1	CIMAP			EFT					TGR					cTWO					HCI					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT ABP					PFS					ADO					41	A															
Oct 9	P	IMS				AIDM					aidm					DDCS					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT ABP					Oitgr SBT					ADO					Oct 13	P																					
42	A	QTH	ATP1	SCC			OEU					TGR					cTWO					HCI					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					SafeIns SafeIns					cAst PFS					oeu					CAP					42	A										
Oct 16	P	IMS				AIDM					aidm					DDCS					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT ABP					Oitgr SBT					ADO					Oct 20	P																					
43	A	QTH	qth/ATP1	evP			OEU					TGR					cTWO					HCI					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT ABP					PFS CAP					CAP					43	A															
Oct 23	P	IMS				AIDM					aidm					DDCS					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT ABP					Oitgr SBT					ADO					Oct 27	P																					
44	A	QTH	ATP1	OEU			EFT					TGR					cTWO					HCI					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT ABP					Oitgr SBT					ADO					44	A															
Oct 30	P	IMS				AIDM					aidm					DDCS					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT ABP					Oitgr SBT					ADO					Nov 3	P																					
45	A	QTH	qth/ATP1	OEU			EFT					TGR					cTWO					HCI					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT ABP					PFS CAP					CAP					45	A															
Nov 6	P	IMS				AIDM					aidm					DDCS					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT ABP					Oitgr SBT					ADO					Nov 10	P																					
46	A	QIF	ATP1	OEU			MRP					EFT					TGR					cTWO					HCI					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT FMT					cmp					cAst PFS					oeu					CAP					46	A
Nov 13	P	IMS				AIDM					aidm					DDCS					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT FMT					cmp					ABP					Oitgr SBT					ADO					Nov 17	P											
47	A	QIF	qif/ATP1	OEU			MRP / atp1					TGR					cTWO					HCI					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT FMT					OEU					cAst PFS					CAP					CAP					47	A					
Nov 20	P	IMS				AIDM					aidm					DDCS					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT FMT					ABP					Oitgr SBT					ADO					Nov 24	P																
48	A	QIF	ATP1	OEU			MRP / atp1					cxn					TGR					cTWO					HCI					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT FMT					cmp					cAst PFS					CAP					CAP					48	A
Nov 27	P	IMS				AIDM					aidm					DDCS					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT FMT					cmp					ABP					Oitgr SBT					ADO					Dec 1	P											
49	A	QIF	qif/ATP1	OEU			MRP / atp1					TGR					cTWO					HCI					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT FMT					cmp					cAst PFS					oeu					CAP					CAP					49	A
Dec 4	P	IMS				AIDM					aidm					DDCS					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT FMT					cmp					ABP					Oitgr SBT					ADO					Dec 8	P											
50	A	QIF	ATP1	OEU			MRP / atp1					TGR					cTWO					HCI					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT FMT					cmp					cAst PFS					ADO					50	A										
Dec 11	P	IMS				AIDM					aidm					DDCS					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT FMT					cmp					ABP					Oitgr SBT					ADO					Dec 15	P											
51	A	QIF	ATP1	OEU			TGR					cTWO					ATI					CXN					cDLF					ATI at/ DLF DBDM					TGR					EFT FMT					cmp					cAst PFS					OEU					ADO					51	A										
Dec 18	P	IMS				AIDM					aidm					DDCS					CXN STPa					cDLF					ATI at/ DLF DBDM					TGR					EFT FMT					cmp					ABP					Oitgr SBT					ADO					Dec 22	P											
52	A	Christmas And New Year Holidays										Christmas And New Year Holidays										Christmas And New Year Holidays										Christmas And New Year Holidays										Christmas And New Year Holidays												52	A																							
Dec 25	P																																																					Dec 29	P																							
1	A	Christmas And New Year Holidays										cTWO										cDLF										cAst										QTH												1	A																							
Jan 1	P																																																					Jan 5	P																							
2	A	EBP					EBP					CXN					EBP					EBP					EBP					EBP					EBP							2	A																																	
Jan 8	P																																																															Jan 12	P													
3	A	TGR					cTWO					cDLF					cAst					CMP												3	A																																											
Jan 15	P											MSc colloquium										MSc colloquium										cAst																						Jan 19	P																							
4	A																					cDLF										cAst																						4	A																							
Jan 22	P																																																					Jan 26	P																							

cTWD: 12.15 - 13.30 hrs

EFT 10.00 - 13.00 hrs / FMT 11.00 - 12.45 hrs

IMS: preliminary schedule.

Astronomy, Leiden
Physics, Leiden
Other
Exam

Master Schedule - Astronomy & Physics

Semester 2 - SPRING 2018



		1: 09.00 - 09.45				2: 10.00 - 10.45				3: 11.00 - 11.45				4: 12.00 - 12.45				Break: 12.45 - 13.30				5: 13.30 - 14.15				6: 14.30 - 15.15				7: 15.30 - 16.15				8: 16.30 - 17.15				9: 17.30 - 18.15											
		MONDAY								TUESDAY								WEDNESDAY								THURSDAY								FRIDAY															
		1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8								
5	A																																																
Jan 29	P																																																
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6	A																																																
Feb 5	P																																																
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Feb 26	P																																																
	O																																																
10	A																																																
Mar 5	P																																																
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Mar 12	P																																																
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Mar 19	P																																																
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Mar 26	P																																																
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Apr 30	P																																																
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19	A																																																
May 7	P																																																
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20	A																																																
May 14	P																																																
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21	A																																																
May 21	P																																																
	O																																																
22	A																																																
May 28	P																																																
	O											</																																					

Semester 1 - FALL 2017

Abbreviation	Course name click for course description	Lecturer(s)	Level	EC	Location
AOT	Astronomical Observing Techniques (Obligatory for International A&I students)	Keller	500	-	HL414
ATI	Astronomical Telescopes and Instruments (+ AOT for Int.students)	Keller/Kenworthy	500	6	HL414; ps HL 411, Exam HL414
CAP	Computational Astrophysics	Portegies Zwart	400	6	HL411 (29-9, 3-11, 1-12:HL PClab 3rd floor); Exam HL411
DBDM	Data Bases and Data Mining in Astronomy	Brinchmann	500	3	HL414; ps HL411
OEU	Origin and Evolution of the Universe	Bouwens	500	6	HL414, Exam HL414
AFS	Astronomy from Space	Fridlund	400	3	HL414, Exam HL414
PFS	Project management For Scientists	Keller	400	3	HL414
HCI	High Contrast Imaging	Kenworthy	400	3	HL414 and HL411; Exam HL414 and HL411
evA	Evaluation of the Astronomy courses	Linnartz	-	-	HL414
Intro Ast	Introduction Master Astronomy (obligatory)	van der Werf	-	-	HL414
CIMAP	Career Information Meeting Astronomy & Physics	Various	-	-	HL414
Safety Instr.	Safety Instructions (obligatory)	Various	-	-	HL106
SCC	Scientific Communication	Hodge	-	-	HL111
Strw. Sc. Day	Sterrewacht Science Day (obligatory)	Various	-	-	DeSitterzaal
ABP	Advanced Biophysics	Schmidt/vNoort/Heinrich/Semrau	500	6	HL207: (5-10, 2-11: HL226), (9-11, 16-11: SN412), 23-11:HL204
ADO	Advanced Optics	vExter/Orrit/Beijersbergen	500	6	HL111 (8-9/29-9; 13-10); HL207 (24-11:HL204); Exam HL214
ATP1	Advanced Topics in Theoretical Physics 1	Schalm	600	6	M1 Utrecht/M2 Leiden HL226, Exam SN312/M3 Amsterdam, see webpage
CMP	Condensed Matter Physics	Vd Molen/Oosterkamp	500	6	HL207 (Oct 5 HL226); ps HL226 (9-11:SN312); Exam HL214
CXN	Complex Networks	Garlaschelli/DenHollander/Emmerich	400	6	HL214 (15-11, 22-11:SNB02); ps HL214 (2-1&21-12 HL106), Exam/Retake HL106
EFT	Effective Field Theory	Achúcarro	500	3	HL226; ps HL226 (9-11:SN312); Exam HL204
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
FMT	Frontiers of Measurement Techniques	Oosterkamp	400	3	HL226 (9-11:SN312; 23-11:HL204); Exam HL106
MRP	Magnetic Resonance Physics	Huber	500	3	HL226 (29-11: HL106, 13-12: HL207)
OSM	Origin and Structure of the Standard Model	Boyersky	400	3	HL226 (28-11: HL106); ps HL211
QIF	Quantum Information	Beenakker	400	3	HL204; ps HL204, Exam HL 214
QTH	Quantum Theory	Beenakker	400	6	HL204; ps HL204; Exam HL214
SBT	Soft & Biomatter Theory	Van Saarloos	500	6	HL207 (29-9:HL226; 24-11:HL414) ps: HL226; Exam HL214
StPa	Statistical Physics a	Giomi	400	6	HL207; ps HL226; Exam HL207
StPb	Statistical Physics b: Statistical Field Theory	Giomi	400	3	HL207; ps HL226
TGR	Theory of General Relativity	Zaenen	400	6	HL226 (19-12:HL207), Q: HL207, Exam HL106
IntP	Introduction Master Physics (Obligatory)	Papathanassiou	-	-	HL207
evP	Evaluation of the Physics courses	Schiessel	-	-	HL204
Phys. Sc. Day	Physics Science Day	Various	-	-	tbid
PMM-1	Physics Master Meet-up (Obligatory first year students)	Various	-	-	HL226
Safety Instr.	Safety Instructions (obligatory)	Various	-	-	HL106
MP	Mesoscopic Physics (AP3261 D)	Vandersypen	-	6	Delft
IMS	Imaging Systems (AP3121 D)	Kalkman	-	6	Delft, preliminary schedule
DDCS	Databases and Data mining (Computer Science)	Bakker	500	6	SNB02 (7-11&5-12: SNB03)
AIDM	Advances in Data Mining	Kowalczyk	500	6	SNB03

Semester 2 - SPRING 2018

Abbreviation	Course name click for course description	Lecturer(s)	Level	EC	Location
ASC	Astrochemistry	Van Dishoeck	500	3	HL414
COA	Compact Objects and Accretion	Rossi	400	3	HL414; Exam HL414
DTLa	Detection of Light a	Brandl	500	3	HL414; Exam HL414
DTLa+b	Detection of Light a + b (extra)	Brandl	500	3 + 3	HL414
GSD	Galaxies: structures, dynamics and evolution	Franx	500	6	HL414; Exam HL414
ISM	Interstellar Medium	Tielens	500	6	HL414; Exam HL414
LSSGF	Large Scale Structure and Galaxy Formation	Schaye	500	6	HL414; Exam HL414
SPF	Star and Planet Formation	Van Dishoeck	500	6	HL414
CIMAP	Career Information Meeting Astronomy & Physics	Various	-	-	HL414
evA	Evaluation of the Astronomy courses	Linnartz	-	-	HL414
APS	Academic and Professional Skills	Oosterkamp	400	3	HL204 (15-2,22-2,12-4,26-4: HL207)
ATP2	Advanced Topics in Theoretical Physics 2	Schalm	600	6	M1 A'dam/M2 Leiden HL226 (12-3:HL211)/M3 Utrecht, see webpage
BHGW	Black Holes and Gravitational Waves	Van Holten	500	3	HL207; Exam HL106
COP	Computational Physics	Wimmer/Schiessel	400	6	HL411
MMM	Mechanical Metamaterials	Van Hecke	400	6	HL226 (1-2,8-2,15-2,29-3:Gorl. EM109), Exam HL106
PPEU	Particle Physics and the Early Universe	Boyersky	500	3	HL207, Exam HL106
QFT	Quantum Field Theory	Achúcarro	500	6	Tue HL204; Thu HL207 (8-2:HL106; 15-2&29-3:HL226), Exam HL106
QUO	Quantum Optics	de Dood	400	6	SN174, ps HL226; Exam HL226
SMO	Single Molecule Optics	Orrit	500	6	HL226
TCM	Theory of Condensed Matter	Cheianov	500	6	HL226; ps HL207 (6-4 HL204); Exam HL214
THB	Theoretical Biophysics	Schiessel	400	6	HL204 (6-2&13-2 HL207; 13-3:HL226)
TTP	Topics in Theoretical Physics: Advanced Topics in Modern Cosmology (4-6y)	Silvestri	400	6	HL207
evP	Evaluation of the Physics courses	Schiessel	-	-	HL207
ASP	Advanced Solid State Physics (AP3211 D)	Bianter/Caviglia	400	6	Delft, preliminary schedule
EELS	Evolution and Engineering of Living Systems (AP3691D)	Beaumont	400	6	Delft, tbid
OOL	The origin of Life (AP3461)	Danelon	400	6	Delft, tbid
BN	Bayesian Networks	Lucas	500	6	tbid
ME	Molecular Electronics	vd Zant/vdMolen/vRuitenbeek	500	6	Delft, preliminary schedule
NN	Neuro Networks	Kowalczyk	500	6	tbid
NT	Nanotechnology	Alkemade	400	6	Delft, preliminary schedule
SAP	Science and the public: contemporary and historical perspectives	Van Lunteren	400	6	Gorl EM109 (9-5,23-5:Gorl 06)
SCM	Science Methodology	Ubbink	500	4	tbid

semester 1 & 2

Abbreviation	Course name click for course description	Lecturer(s)	Level	EC	Location
cAst	Colloquium Astronomy	Various			see webpage
cDLF	Colloquium De Leidse Flesch	Various			see webpage
cEH	Colloquium Ehrenfest	Various			see webpage
cJvw	Colloquium Joan van der Waals	Various			see webpage
cTWD	Colloquium This weeks discoveries	Various			see webpage
Msc Colloquium	Colloquium Master Astronomy	Hodge			see webpage

lectures	1: 09.00 - 09.45 hrs 3: 11.00 - 11.45 hrs	5: 13.30 - 14.15 hrs 7: 15.30 - 16.15 hrs	Astronomy	Other	
practical sessions	2: 10.00 - 10.45 hrs 4: 12.00 - 12.45 hrs	6: 14.30 - 15.15 hrs 8: 16.30 - 17.15 hrs	Physics	Exam	version 01-10-2017

Master Schedule - Astronomy & Physics



Exams & Retakes 2017-2018

Date	Course	Lecturer(s)	Level	EC	Location	Time	Type	USISCode	Sign up
09/10/2017	Advanced Topics in Theoretical Physics 1	Schalm	600	6	Utrecht	11:00-12:45	Exam	4403AT117	
31/10/2017	Advances in Data Mining	Kowalczyk	500	6	tbd	10:00-13:00	Exam	4343ADVDM	
13/11/2017	Advanced Topics in Theoretical Physics 1	Schalm	600	6	Leiden SN312	11:00-12:45	Exam	4403AT117	13070
16/11/2017	Effective Field Theory	Achúcarro	500	3	HL204	10:00-13:00	Exam	4403EFTH3	8624
29/11/2017	Statistical Physics a	Giomi	400	6	HL207	10:00-13:00	Exam	4403STPHA	8636
tbd	Quantum Information	Beenakker	400	3			Assignment	4403QINF3	8676
05/12/2017	High Contrast Imaging	Kenworthy	400	3	HL414 and HL411	14:00-17:00	Exam	4303HCIO3	
08/12/2017	Computational Astrophysics	Portegies Zwart	400	6	HL411	14:00-17:00	Exam	4303COAS6	
08/12/2017	Soft & Biomatter Theory	Van Saarloos	500	6	HL214	14:00-17:00	Exam	4403SBMT6	8677
14/12/2017	Astronomy from Space	Fridlund	400	3	HL414	10:00-13:00	Exam	4303ASF53	
15/12/2017	Advanced Optics	vExter/Orrit/Beijersbergen	500	6	HL214	14:00-17:00	Exam	4403ADVOP	8643
18/12/2017	Advanced Topics in Theoretical Physics 1	Schalm	600	6	Amsterdam	11:00-12:45	Exam	4403AT117	
19/12/2017	Astronomical Telescopes and Instruments	Keller/Kenworthy	500	6	HL414	14:00-17:00	Exam	4303AIAT6	
21/12/2017	Frontiers of Measurement Techniques	Oosterkamp	400	3	HL106	10:00-13:00	Exam	4403FRMT3	8647
22/12/2017	Origin and Evolution of the Universe	Bouwens	500	6	HL414	10:00-13:00	Exam	4303OEUNI	
22/12/2017	Databases and Data mining (Computer Science)	Bakker	500	6	tbd	10:00-13:00	Exam	4343DTBDM	12967
05/01/2018	Quantum Theory	Beenakker	400	6	HL214	14:00-17:00	Exam	4403QUATH6	12086
12/01/2018	Complex Networks	Garlaschelli/DenHollander/Emmerich	400	6	HL106	10:00-13:00	Exam	4609COMNW	
15/01/2018	Theory of General Relativity	Zaanen	400	6	HL106	14:00-17:00	Exam	4403TGR64	8632
19/01/2018	Condensed Matter Physics	Vd Molen/Oosterkamp	500	6	HL214	10:00-13:00	Exam	4403COPH6	
31/01/2018	Complex Networks	Garlaschelli/DenHollander/Emmerich	400	6	HL106	14:00-17:00	Retake		
tbd	Mesoscopic Physics (AP3261 D)	Vandersypen	-	6	tbd	tbd	Exam	460313261	
tbd	Imaging Systems (AP3121 D)	Kalkman	-	6	tbd	tbd	Exam	4603A3221	
N/A	Data Bases and Data Mining in Astronomy	Brinchmann	500	3			Assignment	4303DBDMAT	13731
N/A	Project management For Scientists	Keller	400	3	HL414		Assignment	4303PRMS3	13732
N/A	Advanced Biophysics	Schmidt/vNoort/Heinrich/Semrau	500	6			Assignment	4403ADBPL	13733
N/A	Magnetic Resonance Physics	Huber	500	3			Assignment	4403MRPH3	13734
N/A	Origin and Structure of the Standard Model	Boyarsky	400	3			Assignment	4403OSSM3	13735
N/A	Statistical Physics b: Statistical Field Theory	Giomi	400	3			Assignment	4403STPHB	13736
05/03/2018	Advanced Topics in Theoretical Physics 2	Schalm	600	6	Amsterdam	11:00-12:45	Exam	4403AT217	
13/04/2018	Detection of Light a	Brandl	500	3	HL414	14:00-17:00	Exam	4303DETLA	
16/04/2018	Advanced Topics in Theoretical Physics 2	Schalm	600	6	Leiden HL226	11:00-12:45	Exam	4403AT217	13073
17/04/2018	Compact Objects and Accretion	Rossi	400	3	HL414	14:00-17:00	Exam	4303COACC	
24/05/2018	Interstellar Medium	Tielens	500	6	HL414	10:00-13:00	Exam	4303INTST	12184
25/05/2018	Quantum Optics	de Dood	400	6	HL226	14:00-17:00	Exam	4403QOPT6	12184
28/05/2018	Advanced Topics in Theoretical Physics 2	Schalm	600	6	Utrecht	11:00-12:45	Exam	4403AT217	
01/06/2018	Neural Networks	Kowalczyk	500	6	tbd	14:00-17:00	Exam	4343NEUNW	12969
29/05/2018	Quantum Field Theory	Achúcarro	500	6	HL106	10:00-13:00	Exam	4403QFTH6	12122
08/06/2018	Black Holes and Gravitational Waves	Van Holten	500	3	HL106	10:00-13:00	Exam	4403BHGW3	12837
12/06/2018	Theory of Condensed Matter	Cheianov	500	6	HL214	14:00-17:00	Exam	4403CONDE	12121
14/06/2018	Galaxies: structures, dynamics and evolution	Franx	500	6	HL414	14:00-17:00	Exam	4303GSD55	
18/06/2018	Large Scale Structure and Galaxy Formation	Schaye	500	6	HL414	14:00-17:00	Exam	4303LSSG6	
21/06/2018	Mechanical Metamaterials	Van Hecke	400	6	HL106	10:00-13:00	Exam	4403MOMM3	12185
25/06/2018	Particle Physics and the Early Universe	Boyarsky	500	3	HL106	14:00-17:00	Exam	4403PPHEU	12123
tbd	Advanced Solid State Physics (AP3211 D)	Bianter/Caviglia	400	6	tbd	tbd	Exam	440313211	
tbd	Evolution and Engineering of Living Systems (AP3691D)	Beaumont	400	6	tbd	tbd	Exam	niet in uSis	
tbd	The origin of Life (AP3461)	Danelon	400	6	tbd	tbd	Exam	niet in uSis	
tbd	Molecular Electronics	vd Zant/vdMolen/vRuitenbeek	500	6	tbd	tbd	Exam	4403MOLE6	
tbd	Nanotechnology	Alkemade	400	6	tbd	tbd	Exam	44031NTEC	
tbd	Science Methodology	Ubbink	500	4	tbd	tbd	Exam	4603SCMTHT	
N/A	Astrochemistry	Van Dishoeck	500	3			Assignment	4303ASCHE	13737
N/A	Detection of Light a + b (extra)	Brandl	500	3 + 3			Assignment	N/A	N/A
N/A	Star and Planet Formation	Van Dishoeck	500	6			Assignment	4303STPLF	13738
N/A	Academic and Professional Skills	Oosterkamp	400	3			Assignment	4403ACPRS	13739
N/A	Computational Physics	Wimmer/Schiessel	400	6			Assignment	4403CMPH6	13740
N/A	Single Molecule Optics	Orrit	500	6			Assignment	4403SIMOPT	13741
N/A	Theoretical Biophysics	Schiessel	400	6			Assignment	4403THBPH	13743
N/A	Topics in Theoretical Physics: Advanced Topics in Modern Cosmology (-bey)	Silvestri	400	6			Assignment	4403TP17Y	13744
N/A	Bayesian Networks	Lucas	500	6			Assignment	4343BAYNWY	13745
N/A	Science and the public: contemporary and historical perspectives	Van Lunteren	400	6			Assignment	4603SPCH6T	13746

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