

Master Schedule - Astronomy & Physics



Universiteit Leiden

Astronomy	Exam	LECTURES
Physics	Colloquia	practical sessions
Other programmes	Events	to be determined

Semester 1 - FALL 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																																																								
		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																																																	
36	A	Opening Academic Year								AOT								AOT								SCC								RA								36																																																
Sep 3	P									IntP								CXN								EFT								ADO								Sep 7																																																
	O									AIDM								DBDM								STPa								BPH																																																								
37	A	qth/ATP1								atp1 / IMS ²								Physics Science Day								DLF								Sterrewacht Science Day								37																																																
Sep 10	P									AIDM								DBDM								STPa								EFT								ADO								Sep 14																																								
	O									ATI								ati								sbt								tgrQ																																																								
38	A	ATP1								Msc colloquium								ATI								SafetyIns								CIMAS								RA								38																																								
Sep 17	P									EFT								TGR								CXN								STPa								EFT								BPH								Sep 21																																
	O									AIDM								aidm								DBDM								STPa								tgrQ								ADO																																								
39	A	qth/ATP1								atp1 / IMS								ATI								cAst								FMT								RA								39																																								
Sep 24	P									EFT								TGR								CXN								STPa								EFT								BPH								Sep 28																																
	O									AIDM								aidm								DBDM								STPa								tgrQ								ADO																																								
40	A	qth								ATP1								OEU								HEA								Relief of Leiden (Leidens Ontzet)								RA								40																																								
Oct 1	P									atp1 / IMS								EFT								TGR								sbt								STPa								EFT								BPH								Oct 5																								
	O									AIDM								aidm								DBDM								STPa								tgrQ								ADO																																								
41	A	qth								ATP1								OEU								HEA								hea								RA								41																																								
Oct 8	P									atp1 / IMS								EFT								TGR								stpa								CMP/IMS/MP								FMT								EFT								BPH								Oct 12																
	O									AIDM								aidm								DBDM								STPa								sbt								CMP/IMS/MP								FMT								tgrQ								ADO																
42	A	qth								ATP1								OEU								HEA								oeu								hea								RA								42																																
Oct 15	P									atp1 / IMS								EFT								TGR								sbt								CMP/IMS/MP								FMT								EFT								BPH								Oct 19																
	O									AIDM								aidm								DBDM								STPa								stpa								CMP/IMS/MP								FMT								cmp/tgrQ								RA																
43	A	qth/ATP1/qth								atp1 / IMS								OEU								HEA								hea								ASP								RA								43																																
Oct 22	P									atp1 / IMS								EFT								TGR								stpa								CMP/IMS/MP								FMT								EFT								BPH								Oct 26																
	O									AIDM								aidm								DBDM								STPa								stpa								CMP/IMS/MP								FMT								cmp/tgrQ								ADO / cJvW																
44	A	qth								ATP1								OEU								HEA								hea								ASP								RA								44																																
Oct 29	P									atp1 / IMS								EFT								TGR								sbt								CMP								FMT								EFT								BPH								Nov 2																
	O									AIDM								aidm								DBDM								STPa								stpa								CMP								FMT								tgrQ								ADO																
45	A	qth								qth/ATP1								OEU								HEA								hea								ASP								RA								45																																
Nov 5	P									atp1 / IMS								EFT								TGR								stpa								CMP								FMT								EFT/IMS ³								cmp								evP								ADO / cJvW								Nov 9
	O									AIDM								aidm								DBDM								STPa								stpa								CMP								FMT								tgrQ								ADO / cJvW																
46	A	QIF								ATP1								OEU								HEA								oeu								hea								RA								46																																
Nov 12	P									atp1 / IMS								EFT								TGR								sbt								CMP/IMS/MP								FMT								BPH								tgrQ								ADO								Nov 16								
	O									AIDM								aidm								DBDM								STPa								stpa								CMP/IMS/MP								FMT								tgrQ								ADO																
47	A	QIF								qth/ATP1								OEU								HEA								hea								asp								RA								47																																
Nov 19	P									atp1 / IMS								EFT								TGR								stpa								CMP/IMS/MP								FMT								BPH								cmp								ADO / cJvW								Nov 23								
	O									AIDM								aidm								DBDM								STPa								stpa								CMP/IMS/MP								FMT								tgrQ								ADO / cJvW																
48	A	QIF								ATP1								OEU								HEA								oeu								hea								RA								48																																
Nov 26	P									atp1 / IMS								EFT								TGR								sbt								CMP/IMS/MP								FMT								BPH								tgrQ								ADO								Nov 30								
	O									AIDM								aidm								DBDM								STPa								stpa								CMP/IMS/MP								FMT								tgrQ								ADO																
49	A	QIF								qth/ATP1								OEU								HEA								stpb								CMP/IMS/MP								FMT								cmp								SBT								cJvW								49								
Dec 3	P									atp1 / IMS								EFT								TGR								stpb								CMP/IMS/MP								FMT								cmp								SBT								cJvW								Dec 7								
	O									AIDM								aidm								DBDM								STPa								stpb								CMP/IMS/MP								FMT								cmp								SBT								cJvW								
50	A	QIF								ATP1								OEU								HEA								hea								ASP								RA								50																																
Dec 10	P									atp1 / IMS								EFT								TGR								stpb								CMP/IMS/MP								FMT								RA								ADO								Dec 14																
	O									AIDM								aidm								DBDM								STPa								stpb								CMP/IMS/MP								FMT								RA								ADO																
51	A	ATP1								IMS								ATI								ATI								cAst								FMT								OEU								51																																
Dec 17	P									IMS								TGR								ATI								ATI								cAst								FMT								OEU								Dec 21																								
	O									ATI								ATI								cAst								FMT								OEU								Retake AIDM																																								
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																																																
Dec 24	P	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								Dec 28																																																
	O	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																																																								
1	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								1																																																
Dec 31	P	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								Jan 4																																																
	O	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																																																								
2	A	DBDM								Msc colloquium								Msc colloquium								aspQ								QTH								ASP								SSE								2																																
Jan 7	P									TGR								Msc colloquium								Msc colloquium								aspQ								QTH								ASP								SSE								Jan 11																								
	O									TGR								Msc colloquium								Msc colloquium								aspQ								QTH								ASP								SSE																																
3	A	qthQ								TGR								Msc colloquium								Msc colloquium								aspQ								QTH								ASP								SSE								3																								
Jan 14	P									TGR								Msc colloquium								Msc colloquium								aspQ								QTH								ASP								SSE								Jan 18																								
	O									TGR								Msc colloquium								Msc colloquium								aspQ								QTH								ASP								SSE																																
4	A	OSM								OSM								ATI								ATI								cAst								Retake EFT								MP								4																																
Jan 21	P									OSM								OSM								ATI								ATI								cAst								Retake EFT								MP								Jan 25																								
	O									OSM								OSM								ATI								ATI								cAst								Retake EFT								MP																																

1: PPM-1 15.30-17.15; IMS/MP: 15.45-17.45

2: atp1: 13.30-16.15; IMS: 15.45-17.45

3: cTWD: 12.15-13.30

4: Safety Inst: 15.30-17.15; IMS/MP: 15.45-17.45

5: CMP: 15.30-17.15; IMS/MP: 15.45-17.45

6: EFT: 14.00-17.00; IMS: 13.30-15.30

7: QTH 09.00-10.45; ATP1 10.00-12.45; qth 11.00-12.45

version 04-07-2019

[Click here for more information about signing up for courses/exams](#)

Master Schedule - Astronomy & Physics

COURSES SEMESTER 1 - FALL 2018

Abbreviation	Course name <small>click for course description</small>	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	500	6	HL414; ps HL411; Exam HL414
ASP	Astronomical Spectroscopy	Bouwman	500	3	HL414; ps HL411; Question hour HL414; Exam HL414
HEA	High Energy Astrophysics	Kaastra	400	3	HL414; ps HL411; Exam HL414
OEU	Origin and Evolution of the Universe	Bouwens	500	6	HL414; Exam HL414
RA	Radio Astronomy	Brenjtes/Shimwell	500	6	HL414; ps HL411; Exam HL414 and HL411; Retake HL414 and HL411
SSE	Stellar Structure and Evolution	Miguel	500	6	HL414; Exam HL106; Question hour HL414; Retake HL211
eva	Evaluation of the Astronomy courses	Hogerheijde	-	-	HL414
Intro Ast	Introduction Master Astronomy (obligatory)	van der Werf	-	-	HL414
CIMAS	Career Information Meeting Astronomy	Various	-	-	HL414
Safety Instr.	Safety Instructions (obligatory)	Various	-	-	HL207
SCC	Scientific Communication	Hodge	-	-	HL111
Strw. Sc. Day	Sterrewacht Science Day (obligatory)	Various	-	-	DeSitterzaal
ADO	Advanced Optics	vExter/Orrit/Beijersbergen	500	6	HL111 (7-9/28-9); HL207 (23-11:SN402); Exam HL226
ATP1	Advanced Topics in Theoretical Physics 1: Topological Methods in Theoretical Physics	Schalm/Achucarro	600	6	M1 Avram / M2 Leiden: HL414(22-10:SN412); ps HL207&226(22-10:SNB01) / M3 Utrecht
BPH	Biophysics	Schmidt/Vnoort/Huber	500	6	HL207
CMP	Condensed Matter Physics	Vd Molen/Oosterkamp	500	6	SN408; ps HL207 (23-11:DM071PC); Exam HL226
CXN	Complex Networks	Garlaschelli/DenHollander/Emmerich	400	6	HL226; ps HL204; Exam HL211; Retake SN B01
EFT	Effective Field Theory	Bojarsky	500	3	HL207; Exam HL211; Retake HL204
IMS	Imaging Systems (AP3121 D)	Kalkman	-	6	Delft: TN-Classroom 2 (F206); Exam TBM-IZ C
FMT	Frontiers of Measurement Techniques	Oosterkamp	400	3	HL207; Exam HL226
MP	Mesoscopic Physics (AP3261 D)	Vandersypen	-	6	Delft: TN-CZ E (F005); Exam CT-IZ 4.98-99
OSM	Origin and Structure of the Standard Model	Bojarsky	400	3	HL207; ps HL207; Exam 106; Retake HL204
QIF	Quantum Information	Beenakker	400	3	HL207; ps HL207
QTH	Quantum Theory	Beenakker	400	6	HL207; ps HL207&HL414; Oh HL207; Exam HL226; Retake HL226
SBT	Soft & Biomatter Theory	Van Saarloos	500	6	HL207; ps HL207; Exam HL207
SIPa	Statistical Physics a	Giomi	400	6	HL207; ps HL207; Exam HL226. Retake HL207
SIPb	Statistical Physics b	Giomi	400	3	HL207
TGR	Theory of General Relativity	Van Holten	400	6	HL207; Question hour: HL207; Exam HL207 & HL226
IntP	Introduction Master Physics (Obligatory)	Papathanassiou	-	-	HL226
evP	Evaluation of the Physics courses	vNoort	-	-	HL207
Phys. Sc. Day	Physics Science Day	Various	-	-	DeSitterzaal
PMM-1	Physics Master Meet-up (Obligatory first year students)	Various	-	-	HL226
Safety Instr.	Safety Instructions (obligatory)	Various	-	-	HL207
DBDM	Databases and Data mining (Computer Science)	Bakker	500	6	See CS website; Exam STEENF104; Retake SN174
ADDM	Advances in Data Mining	Kowalczyk	500	6	See CS website; Exam SN401-409; Retake HL204&211

EXAMS & RETAKES SEMESTER 1

Date	Exam name	Lecturer(s)	Level	EC	Location	Time	Type	USIScode	Sign up
17/09/2018	Advanced Topics in Theoretical Physics 1	Schalm/Achucarro	600	6	Amsterdam	11:00-12:45	Exam	4403AT118	12591
29/10/2018	Advances in Data Mining	Kowalczyk	500	6	SN401-409	14:00-17:00	Exam	4343ADVDM	1875
08/11/2018	Effective Field Theory	Bojarsky	500	3	HL211	14:00-17:00	Exam	4403EFTH3	2273
12/11/2018	Advanced Topics in Theoretical Physics 1	Schalm/Achucarro	600	6	HL414	11:00-12:45	Exam	4403AT118	12591
14/11/2018	Statistical Physics a	Giomi	400	6	Utrecht	10:00-13:00	Exam	4403STPHA	2286
17/12/2018	Advanced Topics in Theoretical Physics 1	Schalm/Achucarro	600	6	Utrecht	11:00-12:45	Exam	4403AT118	12591
07/12/2018	Soft & Biomatter Theory	Van Saarloos	500	6	HL207	11:00-15:00	Oral exam	4403SBMT6	2389
14/12/2018	Radio Astronomy	Brenjtes/Shimwell	500	6	HL414	10:00-13:00	Exam	4303RADAS	12321
14/12/2018	Advanced Optics	vExter/Orrit/Beijersbergen	500	6	HL226	14:00-17:00	Exam	4403ADVOP	2351
18/12/2018	Astronomical Telescopes and Instruments	Keller	500	6	HL414	14:00-17:00	Exam	4303AIAT6	12323
19/12/2018	Statistical Physics a	Giomi	400	6	HL207	10:00-13:00	Retake	4403STPHA	2287
20/12/2018	Frontiers of Measurement Techniques	Oosterkamp	400	3	HL226	14:00-17:00	Exam	4403FRMT3	2361
21/12/2018	Advances in Data Mining	Kowalczyk	500	6	HL204&HL211	10:00-13:00	Retake	4343ADVDM	5169
21/12/2018	Origin and Evolution of the Universe	Bouwens	500	6	HL226	10:00-13:00	Exam	4303OEUNI	12318
07/01/2019	Databases and Data mining (Computer Science)	Bakker	500	6	STEEN F104	14:00-17:00	Exam	4343DTBDM	1843
09/01/2019	High Energy Astrophysics	Kaastra	400	3	HL414	14:00-17:00	Exam	4303HIENA	18566
11/01/2019	Complex Networks	Garlaschelli/DenHollander/Emmerich	400	6	HL211	14:00-17:00	Exam	4609COMNW	2309
14/01/2019	Theory of General Relativity	Van Holten	400	6	HL207&HL226	14:00-17:00	Exam	4403TGR64	2285
16/01/2019	Quantum Theory	Beenakker	400	6	HL226	14:00-17:00	Exam	4403QUTH6	2388
17/01/2019	Astronomical Spectroscopy	Bouwman	400	3	HL414	10:00-13:00	Exam	4303ASTSP	t.b.a
18/01/2019	Stellar Structure and Evolution	Miguel	500	6	HL106	14:00-17:00	Exam	4303STEVO	12322
18/01/2019	Condensed Matter Physics	Vd Molen/Oosterkamp	500	6	HL226	14:00-17:00	Exam	4403COPH6	2360
28/01/2019	Databases and Data mining (Computer Science)	Bakker	500	6	SN174	14:00-17:00	Retake	4343DTBDM	1844
21/01/2019	Origin and Structure of the Standard Model	Bojarsky	400	3	HL106	14:00-17:00	Exam	4403OSSM3	2362
24/01/2019	Effective Field Theory	Bojarsky	500	3	HL204	14:00-17:00	Retake	4403EFTH3	20145
25/01/2019	Mesoscopic Physics (AP3261 D)	Vandersypen	-	6	CT-IZ 4.98-99	13:30-16:30	Exam	460313261	15452
30/01/2019	Imaging Systems (AP3121 D)	Kalkman	-	6	TBM-IZ C	09:00-12:00	Exam	4603A3221	15453
30/01/2019	Complex Networks	Garlaschelli/DenHollander/Emmerich	400	6	SN B01	10:00-13:00	Retake	4609COMNW	2310
05/02/2019	Stellar Structure and Evolution	Miguel	500	6	HL211	10:00-13:00	Retake	4303STEVO	20412
N/A	Biophysics	Schmidt/Vnoort/Huber	500	6			Assignment	4403BIOPH	15576
N/A	Quantum Information	Beenakker	400	3			Assignment	4403QINF3	15577
N/A	Statistical Physics b	Giomi	400	3			Assignment	4403STPHB	15578

COLLOQUIA

Abbreviation	Event name <small>click for course description</small>	Organiser(s)	Location
cAst	Colloquium Astronomy	Leiden Observatory	see webpage
cDLF	Colloquium De Leidsche Flesch	De Leidsche Flesch	see webpage
cEhr	Colloquium Ehrenfestii	Lorentz Institute	see webpage
cJw	Colloquium Joan van der Waals	LION	see webpage
cTWD	Colloquium This weeks discoveries	Faculty of Science	see webpage
Msc Colloquium	Colloquium Master Astronomy	Hodge	HL414 version 04-07-2019

Master Schedule - Astronomy & Physics



Astronomy	Exam	LECTURES
Physics	Colloquia	practical sessions
Other programmes	Events	to be determined

Semester 2 - SPRING 2019

	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 Jan 28 A P O																				relake CXN/IMS ³			sseQ																DTLa	A P O	5 Feb 1		
6 Feb 4 A P O					relake DBDM																																		TBP	A P O	6 Feb 6		
7 Feb 11 A P O					MAS							Relake SSE	cTWD	TCM	THB	APS				CAP	cDUF							evA	LGf	Intro Ast											NUR	A P O	7 Feb 15
8 Feb 18 A P O					ATP2								cTWD	OOL/TCM	THB	ME				APS	cDUF																			COP	A P O	8 Feb 22	
9 Feb 25 A P O					MAS								cTWD	OOL/TCM	THB	ME				CAP	cDUF																			DTLa	A P O	9 Mar 1	
10 Mar 4 A P O					atp2								cTWD	OOL/TCM	THB	ME				APS	cDUF																			Relake OT	A P O	10 Mar 8	
11 Mar 11 A P O					MAS								cTWD	OOL/TCM	THB	ME				CAP	cDUF						Relake RA ⁶	evA	LGf	Intro Ast											DTLa	A P O	11 Mar 15
12 Mar 18 A P O					ASSP							Rel. TGR	cTWD	OOL/TCM	THB	ME				APS	cDUF						evA	LGf	Intro Ast											SUS	A P O	12 Mar 22	
13 Mar 25 A P O					MAS								cTWD	OOL/TCM	THB	ME				CAP	cDUF																			DTLa	A P O	13 Mar 29	
14 Apr 1 A P O					ATP2								cTWD	OOL/TCM	THB	ME				APS	cDUF																			DTLa	A P O	14 Apr 5	
15 Apr 8 A P O					MAS								cTWD	TCM	THB	ME				APS	cDUF																			DTLb	A P O	15 Apr 12	
16 Apr 15 A P O					ATP2								cTWD	TCM	THB	ME				nn	cDUF																			Good Friday	A P O	16 Apr 19	
17 Apr 22 A P O	Easter Monday												cTWD	OOL/TCM	THB	ME				CAP	cDUF																		DTLb	A P O	17 Apr 26		
18 Apr 29 A P O					ATP2								cTWD	OOL/TCM	THB	ME				PPEU	cDUF																			DTLb	A P O	18 May 3	
19 May 6 A P O					MAS								cTWD	OOL/TCM	THB	ME				PPEU	cDUF																			DTLb	A P O	19 May 10	
20 May 13 A P O					ATP2								cTWD	OOL/TCM	THB	ME				PPEU	cDUF																			DTLb	A P O	20 May 17	
21 May 20 A P O					ATP2								cTWD	OOL/TCM	THB	ME				PPEU	cDUF																			COP	A P O	21 May 24	
22 May 27 A P O					nur								cTWD	OOL/TCM	THB	ME				PPEU	cDUF																			University closed	A P O	22 May 31	
23 June 3 A P O					ASSP								cTWD	OOL/TCM	THB	ME				PPEU	cDUF																			DTLb	A P O	23 Jun 7	
24 June 10 A P O	Whitsun												cTWD	OOL/TCM	THB	ME				PPEU	cDUF																		SUS	A P O	24 Jun 14		
25 June 17 A P O					ASSP								cTWD	TCM	THB	ME					cDUF																			SUS	A P O	25 Jun 21	
26 June 24 A P O					Ret. NT / PPEU								cTWD	OOL/TCM	THB	ME					cDUF						evA													OOL	A P O	26 Jun 28	
27 July 1 A P O													cTWD	OOL/TCM	THB	ME					cDUF																			DTLb	A P O	27 Jul 6	
28 July 8 A P O													cTWD	OOL/TCM	THB	ME					cDUF																			DTLb	A P O	28 Jul 12	
29 July 15 A P O													cTWD	OOL/TCM	THB	ME					cDUF																			DTLb	A P O	29 Jul 19	

1: relake CXN: 10.00-13.00; IMS: 09.00-12.00
2: cTWD: 12.15-13.30

3: atp2: 13.30-16.15; ASSP 13.45-15.45; NT 15.45-17.45
4: RelakeTGR: 10.00-13.00; QFT 11.00-12.45

5: Retake RA: 9.30 - 12.30
6: atp2: 13.30-16.15; NT 13.30-16.30

7: ASSP 09.00-12.00; QUO 09.00-10.45; QFT 11.00-12.45

version 04-07-2019

Master Schedule - Astronomy & Physics



COURSES SEMESTER 2 - SPRING 2019

Abbreviation	Course name click for course description	Lecturer(s)	Level	EC	Location
CAP	Computational Astrophysics	Portegies Zwart	500	6	HL411
DTLa	Detection of Light a	Kenworthy	500	3	HL414; Exam HL414
DTLb	Detection of Light b	Keller	500	3	HL414
LGF	Large Scale Structure and Galaxy Formation	Kuijken	500	6	HL414; Question hour: HL414; Exam HL414
MAS	Modern AstroStatistics	Sellentin	500	3	HL226; ps HL411; Exam HL411&HL226; Retake HL414&HL411
NUR	Numerical Recipes in Astrophysics	v Daalen	500	6	HL111; ps HL411; Qhr HL111; Exam HL414; Retake HL414
CIMAS	Career Information Meeting Astronomy	Various	-	-	HL414
evA	Evaluation of the Astronomy courses	Hogerheijde	-	-	HL414
Intro Ast	Introduction Master Astronomy (obligatory)	Linnartz	-	-	HL414
ASSP	Advanced Solid State Physics (AP3211 D)	Blanter/Caviglia	400	6	Delft
APS	Academic and Professional Skills	Eliel	400	3	HL111
ATP2	Advanced Topics in Theoretical Physics 2: Hydrodynamics and collective dynamics	Schalm	600	6	M1 Amsterdam /M2 Utrecht /M3 Leiden: HL414; Exam HL414
COP	Computational Physics	Wimmer/Schiessel	400	3 of 6	HL411 (24-5: HL226; 29-5: HL204)
EE	Evolution and Engineering of Living Systems (AP3691D)	Beaumont	400	6	Delft
ME	Molecular Electronics	vd Zant/vdMolen/vRuitenbeek	500	6	HL207; Exam HL226
MMM	Mechanical Metamaterials	v Hecke	400	6	HL414; Exam HL226
NT	Nanotechnology (AP3222)	Alkemade	400	6	Delft, Enrollment as of Jan 7th!
OOOL	The origin of Life (AP3461)	Danelon	400	6	Delft
PPEU	Particle Physics and the Early Universe	Boyarisky	500	3	HL207; Exam HL226
QFT	Quantum Field Theory	Achúcarro	500	6	Tue HL414 (6-3: HL207); Thu HL207; Exam HL226
QUO	Quantum Optics	de Dood	400	6	HL207; ps HL207; Exam HL226
SPC	Superconductivity	Aarts/Oosterkamp	500	3	HL207 (12-3: HL204); Exam HL226
TBP	Technological Biophysics	Heinrich	500	3	HL226 (28-02: HL414); Exam HL106
TCM	Theory of Condensed Matter	Cheianov	500	6	HL207; Exam HL226
THB	Theoretical Biophysics	Schiessel	400	6	HL207
THC	Theoretical Cosmology	Silvestri	500	3	HL207; Exam HL226
TTP	Topics in Theoretical Physics: Physics of Machine Learning	Schalm	400	6	SN401
evP	Evaluation of the Physics courses	vNoort	-	-	HL207
SUS	Surface Science	Juurlink	500	6	DM0.13; Exam EM1.09
NN	Neural Networks	Kowalczyk	500	6	See CS website; Exam SN405-409&B01-03; Retake HL204&HL211
RL	Reinforcement Learning	Yang	500	6	See CS website; Exam HL211&HL226
SAP	Science and the public: contemporary and historical perspectives	Van Lunteren	400	6	HL414
SCM	Science Methodology	Ubbink	400	4	Gor02 (Mon); Havinga (Tue)

EXAMS & RETAKES SEMESTER 2

Date	Exam name	Lecturer(s)	Level	EC	Location	Time	Type	USIScode	Sign up
01/03/2019	Quantum Theory	Beenakker	400	6	HL226	14:00-17:00	Retake	4403QUH6	21381
04/03/2019	Advanced Topics in Theoretical Physics 2	Schalm/Giomi	600	6	Amsterdam	11:00-12:45	Exam	4403AT218	-
05/03/2018	Theory of General Relativity	van Holten	400	6	HL204	10:00-13:00	Retake	4403TGR64	20218
07/03/2019	Radio Astronomy	Brennes/Shimwell	500	6	HL414	09:30-12:30	Retake	4303RADAS	21478
05/04/2019	Detection of Light a	Kenworthy	500	3	HL414	14:00-17:00	Exam	4303DETLA	12325
05/04/2019	Origin and Structure of the Standard Model	Boyarisky	400	3	HL204	14:00-17:00	Retake	4403OSSM3	22190
08/04/2019	Advanced Topics in Theoretical Physics 2	Schalm/Giomi	600	6	Utrecht	11:00-12:45	Exam	4403AT218	-
15/04/2018	Nanotechnology	Alkemade	400	6	Delft	13:30-16:30	Midterm	44031NTEC	-
18/04/2018	Advanced Solid State Physics (AP3211 D)	Blanter/Caviglia	400	6	Delft	09:00-12:00	Midterm	440313211	-
24/04/2019	Superconductivity	Aarts/Oosterkamp	500	3	HL226	14:00-17:00	Exam	4403SUPC3	2283
07/05/2019	Computational Astrophysics	Portegies Zwart	500	6	HL411	10:00-13:00	Exam	4303COAS6	15496
06/05/2019	Modern AstroStatistics	Sellentin	500	3	HL411;HL3PC	14:00-17:00	Exam	4303MOASS	12442
14/05/2019	Quantum Optics	de Dood	400	6	HL226	14:00-17:00	Exam	4403QOPT6	2311
16/05/2019	Technological Biophysics	Heinrich	500	3	HL226	10:00-13:00	Exam	4403TBP3	12545
20/05/2019	Advanced Topics in Theoretical Physics 2	Giomi	600	6	HL414	11:00-12:45	Exam	4403AT218	15495
24/05/2019	Quantum Field Theory	Achúcarro	500	6	HL226	10:00-13:00	Exam	4403QFT6	2271
13/05/2019	Theoretical Cosmology	Silvestri	500	3	HL226	14:00-17:00	Exam	4403THCO3T	2272
27/05/2019	Modern AstroStatistics	Sellentin	500	3	HL414&HL411	14:00-17:00	Retake	4303MOASS	22554
05/06/2019	Neural Networks	Kowalczyk	500	6	SN405-98B01-03	14:00-17:00	Exam	4343NEUNW	5166
07/06/2019	Theoretical Cosmology	Silvestri	500	3	HL106	10:00-13:00	Retake	4403THCO3T	-
07/06/2019	Numerical Recipes in Astrophysics	v Daalen	500	6	HL414	10:00-13:00	Exam	4303NRAPH	12336
11/06/2019	Reinforcement Learning	Yang	500	6	HL211&HL226	14:00-17:00	Exam	4343REINL	2537
18/06/2019	Theory of Condensed Matter	Cheianov	500	6	HL226	14:00-17:00	Exam	4403TCOM6	12944
20/06/2019	Large Scale Structure and Galaxy Formation	Kuijken	500	6	HL414	10:00-13:00	Exam	4303LSSG6	15497
21/06/2019	Surface Science	Juurlink	500	6	EM1.09	09:00-12:00	Exam	4423SURFS	3115
24/06/2019	Particle Physics and the Early Universe	Boyarisky	500	3	HL226	10:00-13:00	Exam	4403PPEU	2276
24/06/2018	Nanotechnology	Alkemade	400	6	Delft	09:00-12:00	Retake	44031NTEC	-
26/06/2019	Molecular Electronics	vd Zant/vdMolen/vRuitenbeek	500	6	HL226	10:00-13:00	Exam	4403MOLE6	2315
28/06/2018	The origin of Life (AP3461)	Danelon	400	6	Delft	13:30-16:30	Exam	460313461	-
01/07/2019	Numerical Recipes in Astrophysics	v Daalen	500	6	HL414	14:00-17:00	Retake	4303NRAPH	22553
03/07/2019	Neural Networks	Kowalczyk	500	6	HL204&HL211	14:00-17:00	Retake	4343NEUNW	2416
05/07/2018	Evolution and Engineering of Living Systems (AP3691D)	Beaumont	400	6	Delft	09:00-12:00	Exam	440313691	-
09/07/2019	Reinforcement Learning	Yang	500	6	td	14:00-17:00	Retake	4343REINL	1965
16/07/2019	Computational Astrophysics	Portegies Zwart	500	6	HL411	10:00-13:00	Retake	4303COAS6	-
N/A	Science and the public: contemporary and historical perspectives	v Lunteren	400	6			Assignment	4603SPCH6	15459
N/A	Detection of Light b	Keller	500	3			Assignment	4303DETLB	?
N/A	Academic and Professional Skills	Eliel	400	3			Assignment	4403ACPRS	15570
N/A	Computational Physics (3ECTS)	Wimmer/Schiessel	400	3			Assignment	4403CMPH3	15571
N/A	Computational Physics (6ECTS)	Wimmer/Schiessel	400	6			Assignment	4403CMPH6	15572
N/A	Science Methodology	Ubbink	400	4			Assignment	4603SCMT4	18494
N/A	Theoretical Biophysics	Schiessel	400	6			Assignment	4403TBP3	15574
N/A	Topics in Theoretical Physics: Physics of Machine Learning	Schalm	400	6			Assignment	4403TTP18	15467
N/A	Mechanical Metamaterials	v Hecke	400	6			Assignment	4303MOMM6	15575

COLLOQUIA

Abbreviation	Event name click for course description	Organiser(s)	Location
cAst	Colloquium Astronomy	Leiden Observatory	see webpage
cDLF	Colloquium De Leidsche Flesch	De Leidsche Flesch	see webpage
cEhr	Colloquium Ehrenfesti	Lorentz Institute	see webpage
cJvw	Colloquium Joan van der Waals	LION	see webpage
cTWD	Colloquium This weeks discoveries	Faculty of Science	see webpage
Msc Colloquium	Colloquium Master Astronomy	Hodge	HL414

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