

**Graduate Courses + 4th Year Undergraduate Courses
Department of Physics, University of Alberta
2022-2023**

Fall 2021 (term 1770) September 1, 2021-December 8, 2022

Taught in conjunction with:	Course	Title	Section	Class Number	Days	Time	Room*	Instructor
	Phys 415	Intro to Condensed Matter Physics I ¹	Lec A01	31957	TR	0930-1050	L1 029	Marsiglio
	Phys 458	Special & General Relativity ¹	Lec A01	34851	MWF	1500-1550	L1 047	Penin
	Phys 467	Fundamentals of Continuum Mechanics ¹	Lec A01	32351	TR	1230-1350	L1 029	Ivanova
	Phys 472	Quantum Mechanics B ¹	Lec A01	31958	MWF	0900-0950	L1 047	Marsiglio
	Phys 481	Electromagnetic Theory II ¹	Lec A01	31959	TR	0800-0920	L1 047	Hegmann
	Phys 499	Undergraduate Research Project	Lec A01	31960	TBA	TBA		Page
Astro 465 (A01 32558)	Astro 565	Stellar Astrophysics II ¹	Lec A01	34839	MWF	1000-1050	4 285	Ivanova
Geoph 424 (A01 32467/D12 32468)	Geoph 524	Electromagnetic Methods in Geophysics ²	Lec A01 Lab D01	34840 34841	MWF M	1200-1250 1400-1650	n/a n/a	TBA
Geoph 426 (n/a)	Geoph 526	Signal Processing in Geophysics ²	Lec	n/a	n/a	n/a	n/a	n/a
	Geoph 436	Geophysics Field School	A01	33980				Kravchinsky
	Phys 511	Advanced Quantum Mechanics I ¹	Lec A01	37292	MWF	0900-0950	L1-029	Maciejko
	Phys 530	Statistical Mechanics ¹	Lec A01	35684	TR	1100-1220	BS M-141 Biological Sciences Ctr	Boettcher
Phys 420 (A01/D71)	Phys 580	Computational Physics ¹	Lec A01 Lab D01	35583 35584	MWF R	1300-1350 1400-1650	L1 029 L1 207	Gingrich
	Phys 610	Quantum Field Theory I	Lec A01	39754	TR	0930-1050	4 285	Czarnecki
* Rooms are in CCIS unless noted otherwise & are scheduled for in-person class delivery.								

In case of a discrepancy between information in this table and in Bear Tracks, Bear Tracks should be considered correct.

Winter 2022 (term 1780) January 5, 2022-April 12, 2023

Taught in conjunction with:	Course	Title	Section	Class Number	Days	Time	Room**	Instructor
	Astro 429	Upper Atmosphere and Space Physics ¹	Lec B01	44431	MWF	1000-1050	L1 047	Rankin
	Astro 430	Physical Cosmology ¹	Lec B01	44654	MWF	1200-1250	L1 047	Morsink
Bioph 401 (B01 46142)	Bioph 501	Advanced Biophysics	Lec B01	46143	MWF	1400-1450	4 285	Woodside
	Phys 485	Introductory Particle Physics ¹	Lec B01	44219	TR	1100-1220	L1 029	Moore
Geoph 440 (B01/J01)	Geoph 521	Global Geodynamics ¹	Lec B01 Sem J01	40122 40128	TR	1230-1320 1330-1350	4 285	Heimpel
Geoph 438 (B01)	Geoph 538	Seismic Data Processing ²	Lab B01	40129	M	1400-1750	L1-207	Gu
	Geoph 620	Rock Physics ³	Lec	n/a	n/a	n/a	n/a	n/a
	Phys 512	Advanced Quantum Mechanics II ¹	Lec B01	47417	TR	0930-1050	4 285	Czarnecki
	Phys 524	Classical Electrodynamics ¹	Lec B01	47418	TR	1400-1520	L1 029	Frolov
	Phys 541	Condensed Matter I ¹	Lec B01	41965	MR	1500-1620	C E4-36	Boninsegni
	Phys 574	Experimental Methods in Physics ¹	Lec B01 Lab H01	41961 41962	MWF	1100-1150	4 285	Pinfold Woodside
	Phys 590	Particle Physics II	Lec B02	47431	TR	1230-1350	L1 029	TBA
Phys 495 (B01 49176)	Phys 595	Spec Topics in Physics: Nanotechnology ³	Lec B01	49177	MWF	1300-1350	4 285	Wolkow
Phys 495 (B02 49438)	Phys 595	Spec Topics in Physics: Observational Astrophysics ³	Lec B02	49440	TR	1400-1520	L1-047	Sivakoff
Phys 495 (B03 49439)	Phys 595	Spec Topics in Physics: Nuclear ²	Lec B03	49441	TR	1230-1350	L1 029	Kraiss
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Updated August 26, 2022

¹ This course is offered once in each academic year

² This course is likely to be offered once in each academic year

³ This course, or course topic, is offered intermittently