

NEW AND RETURNING STUDENTS

- OVERVIEW OF THE DEPARTMENT
- PROGRAM OVERVIEW
- CO-OP PROGRAM AND C-EDGE
- AWARDS and RESEARCH OPPORTUNITIES
- CUBCAPS
- USEFUL LINKS and RESOURCES
- ACADEMIC INTEGRITY
- DIVERSITY and INCLUSION
- BOOK AN APPOINMENT WITH ACADEMIC ADVISOR
- Q&A

OVERVIEW OF THE DEPARTMENT

- PEOPLE
- CAMPUS
- USEFUL SPACES
- PROGRAMS

PEOPLE

Dr. Laszlo Kalman

Undergraduate and Co-op Program Director

Office: SP-365.10

laszlo.kalman@concordia.ca

Nata Zazubovits

BSc Coordinator and Academic Advisor

Office: SP-367.01

physics-advising@concordia.ca

- BOOK a ZOOM meeting
- BOOK an IN-PERSON meeting





PEOPLE

Dr. Valter Zazubovits

Department Chair

Office: SP-367.03

valter.zazubovits@concordia.ca

Patrick Doane

Teaching Lab Supervisor

Office: SP 265.01

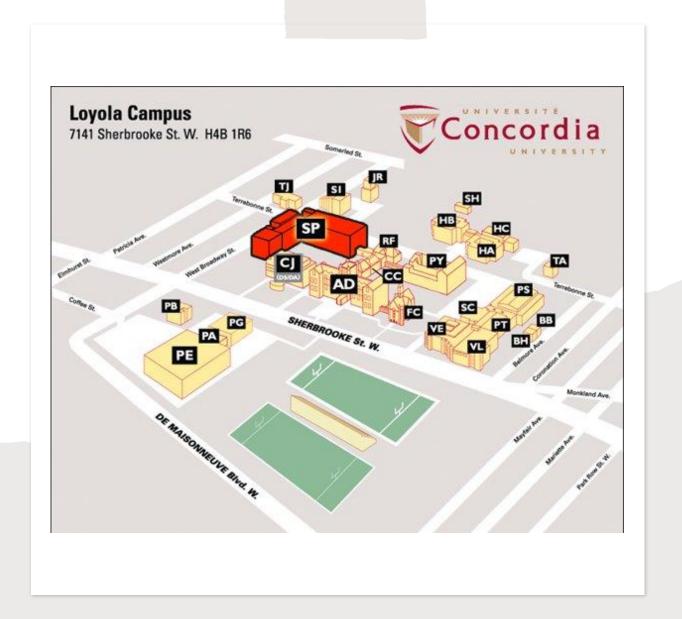
patrick.doane@concordia.ca

In-person (on campus): Tuesday-Friday





CAMPUS



DEPARTMENT OF PHYSICS SPACES

SP Building 3rd Floor

- Department of Physics Kitchen
- Undergraduate Physics Study Room
- Offices for most Physics Faculty and TAs





DEPARTMENT OF PHYSICS SPACES

Research Labs (see also Department of Physics → Research)

SP Building Basement, 3rd & 5th floor, PERFORM Centre











PROGRAM OVERVIEW

- PROGRAMS
- UNDERGRADUATE ACADEMIC CALENDAR
- COURSE LOAD/ COURSE SEQUENCE
- YEAR ZERO
- PREREQUISITES
- ELECTIVES
- SPECIALIZATION/HONOURS PROGRAM
- COURSES TAUGHT DURING FALL/WINTER/SUMMER
- TUTORIALS
- IMPORTANT DATES

PROGRAMS

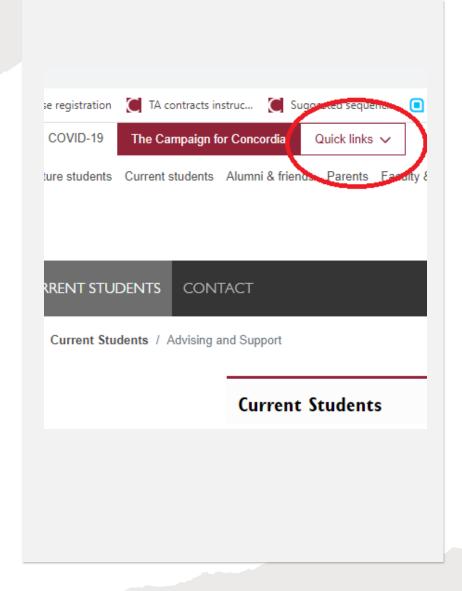
- MAJOR IN PHYSICS
- SPECIALIZATION IN PHYSICS
- SPECIALIZATION IN BIOPHYSICS
- HONOURS IN PHYSICS (GPA > 3.3)
- HONOURS IN BIOPHYSICS
- MINOR IN BIOPHYSICS
- CO-OP PROGRAM (COMBINE WITH YOUR CONCENTRATION)
- C-EDGE PROGRAM (COMBINE WITH YOUR CONCENTRATION)

UNDER GRADUATE CALENDAR

https://www.concordia.ca/

QUICK LINKS/ UNDERGRADUATE CALENDAR/YEAR OF YOUR ADMISSION

OR use the internal Concordia SEARCH option to search for the Undergraduate Calendar



UNDERGRADUATE CALENDAR

- 42 Core Program
- 6 MAST 2183, 2193
- 36 PHYS 2303, 2323, 2363, 2453, 2523, 2533, 3343, 3353, 3543, 3673, 3773, 4353

72 BSc Honours in Physics

- 42 Core Program 6 PHYS 496⁶ AND

330 • PHYSICS 2021-22 Concordia University Undergraduate Calendar

Concentration in Physics

- 18 PHYS 3303, 3453, 3553, 4593, 4683, 4783
- 6 Chosen from PHYS 289³, 370³, 389³, 436³, 440³, 443³, 445³, 458³, 498³

Concentration in Biophysics

- 12 BIOL 2663; PHYS 2603, 3303, 4603
- Chosen from CHEM 2353, 2713, 4313; PHYS 2893, 3453, 3703, 3893, 4403, 4453, 4593, 4613, 4623, 4633
- 3 Chosen from BIOL 2613, 3403, 3673, 3713; PHYS 4433

66 BSc Specialization in Physics

Option A: Physics

- 42 Core Program
- 21 PHYS 3303, 3453, 3553, 4593, 4683, 4783, 4973
- 3 Chosen from PHYS 370³, 436³, 440³, 443³, 445³, 458³, 498³

66 BSc Specialization in Physics

Option B: Biophysics

- 42 Core Program
- 15 BIOL 2663; PHYS 2603, 3303, 4603, 4973
- 6 Chosen from CHEM 2353, 2713, 4313; PHYS 3453, 3703, 4403, 4453, 4593, 4613, 4623, 4633, 4683
- 3 Chosen from BIOL 2613, 3403, 3673, 3713; PHYS 4433

45 BSc Major in Physics

- 42 Core Program
- 3 Chosen from any PHYS course in consultation with an advisor

	A	D
1	SPEC in PHYSICS (66 = 42 CORE +24)	PREREQUISITES
2	18 + 3 credits	
3	PHYS 330 Experimental Physics II (3.00)	PHYS 230
4	PHYS 345 Advanced Classical Mechanics (3.00)	PHYS 232, PHYS 245, MAST 219
5	PHYS 355 Electronics (3.00)	PHYS 205
6	PHYS 459 Condensed Matter Physics I (3.00)	PHYS 377
7	PHYS 468 Condensed Matter Physics II (3.00)	PHYS 459, PHYS 478
8	PHYS 478 Quantum Mechanics II (3.00)	PHYS 377
9	PHYS 497 Specialization Research Project (3.00)	PHYS 232
10	3 credits	
11	PHYS 370 Nonlinear Dynamics/Chaos/Fractals (3.00)	PHYS 232
12	PHYS 436 Methods of Theoretical Physics III (3.00)	PHYS 335
13	PHYS 440 Computational Methods in Physics with Python (3.00)	PHYS 233, PHYS 335, PHYS 337
14	PHYS 443 Quantitative Human Systems Physiology (3.00)	minimum of 45 university credits
15	PHYS 445 Principles of Medical Imaging (3.00)	minimum of 45 university credits
16	PHYS 458 Advanced Electrodynamics (3.00)	PHYS 354, PHYS 436
17	PHYS 498 Advanced Topics in Physics (3.00)	
18		
19		
20	CORE PHYSICS (42)	
21	6 credits	
22	MAST 218 Multivariable Calculus I (3.00)	MATH 204 MATH 205
23	MAST 219 Multivariable Calculus II (3.00)	MAST 218
24	36 credits:	
25	PHYS 230 Experimental Physics I (3.00)	PHYS 204-206, PHYS 224-226; or equivalent
26	PHYS 232 Methods of Theoretical Physics I (3.00)	MAST 218
27	PHYS 236 Numerical Methods in Physics with Python (3.00)	MATH 204, MATH 205
28	PHYS 245 Classical Mechanics (3.00)	MATH 204, MATH 205
29	PHYS 252 Optics (3.00)	PHYS 206
30	PHYS 253 Electricity and Magnetism I (3.00)	PHYS 205, MAST 218
31	PHYS 334 Thermodynamics (3.00)	PHYS 204, MAST 218, MAST 219
	PHYS 335 Methods of Theoretical Physics II (3.00)	PHYS 205
32	PHTS 555 Methods of Theoretical Physics II (5.00)	

66 BSc Specialization in Physics

42 Core Program

21 PHYS 330, 345, 355, 459, 468, 478, 497

3 Chosen from PHYS 370, 436, 440, 443, 445, 458, 498

Total: 90 or 120 credits program

66 Spec in Physics

24 = electives outside of Physics (6 outside of Sciences)

YEAR ZERO

YEAR-0 (30 credits) of 120 credits program	PRE-RECS YEAR-0
FALL	
CHEM 205 General Chemistry (3.00)	
MATH 203 Diferential and Integral Calculus (3:00)	
MATH 204 Vectors and Matrices (3:00)	
PHYS 204 Mechanics (3:00) T	MATH 203*
BIOL 201 Introductory Biology (3:00)	
WINTER	
CHEM 206 General Chemistry II (3.00)	CHEM 205*
MATH 205 Diferential and Integral Calculus II (3:00)	
PHYS 205 Electricity and Magnetism (3:00) T	MATH 203 PHYS 204
PHYS 206 Waves, Optics, ModernPHYSics (3:00) T	PHYS 204
PHYS 224 Experimental Mecahnics (1:00)	PHYS 204
PHYS 225 Experimental Electricity and Magnetism (1:00)	PHYS 205
PHYS 226 Experimental Waves, Optics, Modern Physics (1:00)	PHYS 206
SUMMER (if needed)	
PHYS 204 Mechanics (3:00) T	
PHYS 205 Electricity and Magnetism (3:00) T	
PHYS 224 Experimental Mecahnics (1:00)	
PHYS 225 Experimental Electricity and Magnetism (1:00)	
PHYS 226 Experimental Waves, Optics, Modern Physics (1:00)	

	FALL	PRE-RECS	CO-RECS			WINTER	PRE-REC	S CO-RECS	
YEAR 1	MAST 218 Multivariable Calculus I (3.00)	MATH 204, MATH 205			YEAR 1	MAST 219 Multivariable Calculus II (3.00)	MAST 218		
		PHYS 204-206, PHYS 224	Н						
	PHYS 230 Experimental Physics I (3.00)	226; or equivalent				PHYS 236 Numerical Methods in Physics with Python (3.00)	MATH 204, MA	TH 205	
	PHYS 245 Classical Mechanics (3.00)	MATH 204, MATH 205				PHYS 252 Optics (3.00)	PHYS 206		
	Elective (3:00)					Elective (3:00)			
YEAR 2	PHYS 232 Methods of Theoretical Physics I (3.00)		MAST 218		YEAR 2	PHYS 367 Modern Physicics and Relativity (3.00)	PHYS 205, PHYS	206	
	PHYS 253 Electricity and Magnetism I (3.00)	PHYS 205	MAST 218			PHYS 335 Methods of Theoretical Physics II (3.00)	PHYS 232	MAST 219	
	PHYS 334 Thermodynamics (3.00)	PHYS 204, MAST 218	MAST 219			PHYS 354 Electricity and Magnetism II (3.00)	PHYS 253	MAST 219	
	Elective (3.00)	,				Elective (3:00)			
	PHYS 230 and PHYS 330 (3.00) can be taken during Fall, Winter or Summer terms								
YEAR 3	PHYS 377 Quantum Mechanics I (3.00)	PHYS 367			YEAR 3	PHYS 435 Statistical Physics (3.00)	PHYS 334, PHYS	367	
	, ,	PHYS 232, PHYS 245				, , ,	, , , , , , , , , , , , , , , , , , , ,		
	PHYS 345 Advanced Classical Mechanics (3.00)	MAST 219				PHYS 478 Quantum Mechanics II (3.00)	PHYS 377		
	PHYS 330 Experimental Physics II (3.00)	PHYS 230				Elective (3:00)			
	Elective (3:00)					Elective (3:00)			
	PHYS 497 Specialization Research Project (3.00) can be taken during Fall, Winter or S	ummerterms							
YEAR 4	PHYS 459 Condensed Matter Physics I (3.00)	PHYS 377			YEAR 4	PHYS 468 Condensed Matter Physics II (3.00)	PHYS 459	PHYS 478	
	PHYS 355 Electronics (3.00)	PHYS 205				PHYS 497 Specialization Research Project (3.00)			
	Recommended PHYS 3 credits OR Elective (3.00)			\rightarrow		Recommended PHYS 3 credits (if not taken during Fall) OR Elective (3.00)			
	Recommended PHYS 3 credits for FALL:	PRE-RECS	CO-RECS			Recommended PHYS3 credits for WINTER:	PRE-REC	S CO-RECS	
		PHYS 236, PHYS 335,							
	PHYS 440 Computational Methods in Physics with Python (3.00)	PHYS 377				PHYS 445 Principles of Medical Imaging (3.00)	45 credits		
	PHYS 443 Quantitative Human Systems Physiology (3.00)	45 credits				PHYS 498 Advanced Topics in Physics (3:00)	PHYS 478		
	CORE PHYSICS (42)					All courses exept MAST 218. MAST 219, PHYS 230, PHYS 330 and PHYS 497 are			
	6 credits					offered once per year		Il courses exent	
	MAST 218 Multivariable Calculus I (3.00)					66 BSc Specialization in Physics		-	
	MAST 219 Multivariable Calculus II (3.00)					42 Core Program	0	ffered once per y	/ear
	```					1			
	36 credits:					21 PHYS 330 345 355 459 468 478 497			
	36 credits:					21 PHYS 330, 345, 355, 459, 468, 478, 497			
	PHYS 230 Experimental Physics I (3.00)					3 Chosen from PHYS 370, 436, 440, 443, 445, 458, 498			
	PHYS 230 Experimental Physics I (3.00) PHYS 232 Methods of Theoretical Physics I (3.00)					3 Chosen from PHYS 370, 436, 440, 443, 445, 458, 498  Total: 90 credits program = 66 + 24			
	PHYS 230 Experimental Physics I (3.00) PHYS 232 Methods of Theoretical Physics I (3.00) PHYS 236 Numerical Methods in Physics with Python (3.00)					3 Chosen from PHYS 370, 436, 440, 443, 445, 458, 498  Total: 90 credits program = 66 + 24  66 Spec in Physics			
	PHYS 230 Experimental Physics I (3.00) PHYS 232 Methods of Theoretical Physics I (3.00) PHYS 236 Numerical Methods in Physics with Python (3.00) PHYS 245 Classical Mechanics (3.00)					3 Chosen from PHYS 370, 436, 440, 443, 445, 458, 498  Total: 90 credits program = 66 + 24  66 Spec in Physics  24 = electives outside of Physics (6 outside of Sciences)			
	PHYS 230 Experimental Physics I (3.00) PHYS 232 Methods of Theoretical Physics I (3.00) PHYS 236 Numerical Methods in Physics with Python (3.00) PHYS 245 Classical Mechanics (3.00) PHYS 252 Optics (3.00)					3 Chosen from PHYS 370, 436, 440, 443, 445, 458, 498  Total: 90 credits program = 66 + 24  66 Spec in Physics 24 = electives outside of Physics (6 outside of Sciences)  Sciences:			
	PHYS 230 Experimental Physics I (3.00) PHYS 232 Methods of Theoretical Physics I (3.00) PHYS 236 Numerical Methods in Physics with Python (3.00) PHYS 245 Classical Mechanics (3.00) PHYS 252 Optics (3.00) PHYS 253 Electricity and Magnetism I (3.00)					3 Chosen from PHYS 370, 436, 440, 443, 445, 458, 498  Total: 90 credits program = 66 + 24  66 Spec in Physics 24 = electives outside of Physics (6 outside of Sciences) Sciences: Department of Biology,			
	PHYS 230 Experimental Physics I (3.00) PHYS 232 Methods of Theoretical Physics I (3.00) PHYS 236 Numerical Methods in Physics with Python (3.00) PHYS 245 Classical Mechanics (3.00) PHYS 252 Optics (3.00) PHYS 252 Electricity and Magnetism I (3.00) PHYS 334 Thermodynamics (3.00)					3 Chosen from PHYS 370, 436, 440, 443, 445, 458, 498  Total: 90 credits program = 66 + 24  66 Spec in Physics  24 = electives outside of Physics (6 outside of Sciences)  Sciences:  Department of Biology,  Department of Chemistry and Biochemistry			
	PHYS 230 Experimental Physics I (3.00) PHYS 232 Methods of Theoretical Physics I (3.00) PHYS 236 Numerical Methods in Physics with Python (3.00) PHYS 245 Classical Mechanics (3.00) PHYS 252 Optics (3.00) PHYS 253 Electricity and Magnetism I (3.00) PHYS 334 Thermodynamics (3.00) PHYS 335 Methods of Theoretical Physics II (3.00)					3 Chosen from PHYS 370, 436, 440, 443, 445, 458, 498  Total: 90 credits program = 66 + 24  66 Spec in Physics 24 = electives outside of Physics (6 outside of Sciences)  Sciences:  Department of Biology,  Department of Chemistry and Biochemistry  Department of Health, Kinesiology, and Applied Physiology			
	PHYS 230 Experimental Physics I (3.00) PHYS 232 Methods of Theoretical Physics I (3.00) PHYS 236 Numerical Methods in Physics with Python (3.00) PHYS 245 Classical Mechanics (3.00) PHYS 252 Optics (3.00) PHYS 253 Electricity and Magnetism I (3.00) PHYS 335 Thermodynamics (3.00) PHYS 335 Methods of Theoretical Physics II (3.00) PHYS 354 Electricity and Magnetism II (3.00)					3 Chosen from PHYS 370, 436, 440, 443, 445, 458, 498  Total: 90 credits program = 66 + 24  66 Spec in Physics 24 = electives outside of Physics (6 outside of Sciences) Sciences:  Department of Biology, Department of Chemistry and Biochemistry Department of Health, Kinesiology, and Applied Physiology Department of Mathematics and Statistics			
	PHYS 230 Experimental Physics I (3.00) PHYS 232 Methods of Theoretical Physics I (3.00) PHYS 236 Numerical Methods in Physics with Python (3.00) PHYS 245 Classical Mechanics (3.00) PHYS 252 Optics (3.00) PHYS 253 Electricity and Magnetism I (3.00) PHYS 334 Thermodynamics (3.00) PHYS 335 Methods of Theoretical Physics II (3.00)					3 Chosen from PHYS 370, 436, 440, 443, 445, 458, 498  Total: 90 credits program = 66 + 24  66 Spec in Physics 24 = electives outside of Physics (6 outside of Sciences)  Sciences:  Department of Biology,  Department of Chemistry and Biochemistry  Department of Health, Kinesiology, and Applied Physiology			

#### YEAR ZERO (120 CREDITS PROGRAM)

	YEAR "0" (30 credits) FALL ENTRY						
	FALL	PRE-RECS	CO-RECS		WINTER	PRE-RECS	CO-RECS
YEAR 0	CHEM 205 General Chemistry (3.00)			YEAR 0	CHEM 206 General Chemistry (3.00)	CHEM 205	
	MATH 203 Differencial and Integral Calculus I (3.00)	MATH 201			MATH 205 Differencial and Integral Calculus II (3.00)	MATH 203	
	MATH 204 Vectors and Matrices (3.00)	MATH 201			PHYS 205 Electricity and Magnetism (3.00)	PHYS 204	
	PHYS 204 Mechanics (3.00)		MATH 203		PHYS 206 Waves, Optics, and Modern Physics (3.00)	PHYS 204	
	BIOL 201 Introductory Biology (3.00)				PHYS 224 Experimental Mechanics (1.00)		PHYS 204
					PHYS 225 Experimental Electricity and Magnetism (1.00)		PHYS 205
					PHYS 226 Experimental Waves, Optics, and Modern Physics (1.00)		PHYS 206
	All courses exept PHYS 206 are offered during SUMMER term as well						

NB! Credits of Year Zero do not go towards the concentration but the grades of those course are counted towards the GPA

#### ELECTIVES

	MAJOR (42+3 credits) FALL ENTRY					
	FALL	PRE-RECS	CO-RECS		WINTER	PRE-RECS
YEAR1	MAST 218 Multivariable Calculus I (3.00)	MATH 204 MATH 205		YEAR1	MAST 219 Multivariable Calculus II (3.00)	MAST 218
	PHYS 232 Methods of Theoretical Physics I (3.00)	MAST 218	1		PHYS 236 Numerical Methods in Physics with Python (3.00)	MATH 204, MATH
	PHYS 245 Classical Mechanics (3.00)	MATH 204, MATH 205			PHYS 252 Optics (3.00)	PHYS 206
	Elective (3:00)		1		Elective (3:00)	
	Licente (3.00)				Elective (5500)	
YEAR 2	BLIVE 220 Experimental Discise 1/2 00)	PHYS 204-206, PHYS		VEADO	DILVE 267 Modern Physician and Polativity (200)	DINC 20E DINC 20E
YEAR 2	PHYS 230 Experimental Physics I (3.00)	224-226; or equivalent		YEAR 2		PHYS 205, PHYS 206
	PHYS 253 Electricity and Magnetism I (3.00)	PHYS 205	MAST 218		PHYS 335 Methods of Theoretical Physics II (3.00)	PHYS 232
	PHYS 334 Thermodynamics (3.00)	PHYS 204, MAST 218	MAST 219		PHYS 354 Electricity and Magnetism II (3.00)	PHYS 253
	Elective (3:00)		ļ		Elective (3:00)	
	PHYS 230 (3.00) can be taken during Fall, Winter or Summer terms		ļ			
YEAR 3	PHYS 377 Quantum Mechanics I (3.00)	PHYS 367		YEAR 3	PHYS 435 Statistical Physics (3.00)	PHYS 334, PHYS 367
	PHYSICS 3 credit of PHYS, see recommendation (3:00)				Elective (3:00)	
	Elective (3:00)				Elective (3:00)	
	Elective (3:00)				Elective (3:00)	
					<u> </u>	
YEAR 4	Elective (3:00)			YEAR4	Elective (3:00)	
I DANA	Elective (3:00)		-	ILANA	Elective (3:00)	
			-			
	Elective (3:00)				Elective (3:00)	
	Recommended PHYS electives for FAIL:	PRE-RECS	CO-RECS		Recommended PHYS electives for WINTER:	PRE-RECS
	Recommended Prits electives for FALL:	PRE-REGS	CU-RECS		Recommended PHT3 electives for Win Icr.	BIOL 201; CHEM
		cannot go towards				205; MATH
	PHYS 284 Introduction to Astronomy (3.00)	concentration			PHYS 260 Introductory Biophysics (3.00)	203; PHYS 204-206
	PHYS 330 Experimental Physics II (3.00)	PHYS 230			PHYS 330 Experimental Physics II (3.00)	PHYS 230
		PHYS 232, PHYS 245,				
	PHYS 345 Advanced Classical Mechanics (3.00)	MAST 219			PHYS 445 Principles of Medical Imaging (3.00)	
	PHYS 355 Electronics (3.00)	PHYS 205	†		PHYS 460 Chemical Aspects of Biophysics (3:0)	PHYS 253
	FTITO SUD CIECUTOTICS (S.OU)	PHYS 236, PHYS 335,	-		FITTO 400 CHEMICAL ASPECTS OF DIOPHYSICS (3.0)	F1113 233
	DLIVE 440 Communication of Statebards in Discussion with Duth on (2 00)	PHYS 377			DUNG 450 Condensed Matter and Nonembusine	PHYS 459
	PHYS 440 Computational Methods in Physics with Python (3.00)	PH153//	-		PHYS 468 Condensed Matter and Nanophysics	
	PHYS 443 Quantitative Human Systems Physiology (3.00)				PHYS 478 Quantum Mechanics II (3.00)	PHYS 377
	PHYS 459 Condensed Matter Physics I (3.00)	PHYS 377			PHYS 498 Advanced Topics in Physics (3:00)	PHYS 478
					All courses exept MAST 218. MAST 219, PHYS 230, PHYS 330 and PHYS 497 are	
	CORE PHYSICS (42)				offered once per year	
	6 credits					
	MAST 218 Multivariable Calculus I (3.00)					- /
	MAST 219 Multivariable Calculus II (3.00)				45 BSc Major in Physics	
	36 credits:				42 Core Program	/
	PHYS 230 Experimental Physics I (3.00)				3 Chosen from PHYS electives	1
	PHYS 232 Methods of Theoretical Physics I (3.00)				Total: 90 credits program = 45 of BSc Major + (24 + 21) of Electives	
	PHYS 236 Numerical Methods in Physics with Python (3.00)				24 = Electives outside of Physics, including 6 outside of Sciences	
					21 = Electives, can be Physics (if you are taking a lot of Physics electives,	
	PHYS 245 Classical Mechanics (3.00)				concider switching to Specialization)	
	PHYS 252 Optics (3.00)				Sciences:	
	PHYS 253 Electricity and Magnetism I (3.00)				Department of Biology,	
	PHYS 334 Thermodynamics (3.00)				Department of Chemistry and Biochemistry	Ί
	PHYS 335 Methods of Theoretical Physics II (3.00)				Department of Health, Kinesiology, and Applied Physiology	
	PHYS 354 Electricity and Magnetism II (3.00)				Department of Mathematics and Statistics	
	PHYS 367 Modern Physicics and Relativity (3.00)				Department of Physics	
						-
	PHYS 377 Quantum Mechanics I (3.00)				Department of Psychology	
	PHYS 435 Statistical Physics (3.00)				Science College	

Example: 4 courses per term for a Major in Physics Program

45 BSc Major in Physics

42 Core Program

3 Chosen from PHYS electives

Total: 90 credits program = 45 of BSc Major + (24 + 21) of Electives

24 = Electives outside of Physics, including 6 outside of Sciences
21 = Electives, can be Physics (if you are taking a lot of Physics electives, concider switching to Specialization)

#### ELECTIVES

#### General Education Requirement (6 credits)

#### **NOT SCIENCES**

_							
•	rı	e	n	^	Δ	•	•
	u		ıı	u	C	Э.	

Department of Biology,

Department of Chemistry and Biochemistry

Department of Health, Kinesiology, and Applied Physiology

Department of Mathematics and Statistics

Department of Physics

Department of Psychology

Science College

#### ELECTIVES

# ELECTIVE COURSES LINK

Questions about courses in **Engineering or Computer Science**?

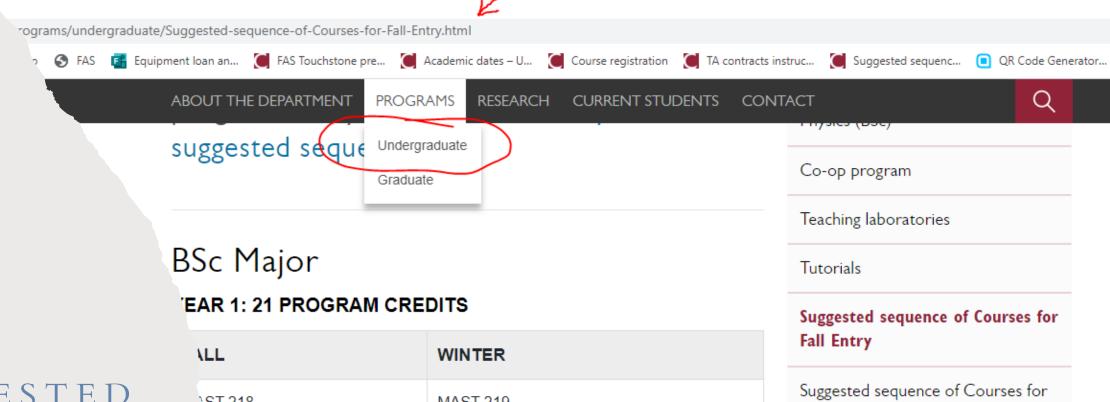
ASK THEM HERE

# SHOULD I TAKE 5,4 or 3 COURSES PER TERM?

	MAJOR (42+3 credits) FALL ENTRY						
	FALL	PRE-RECS	CO-RECS		WINTER	PRE-RECS	CO-RECS
YEAR 1	MAST 218 Multivariable Calculus I (3.00)	MATH 204 MATH 205		YEAR 1	MAST 219 Multivariable Calculus II (3.00)	MAST 218	
		PHYS 204-206, PHYS 224-					
	PHYS 230 Experimental Physics I (3.00)	226; or equivalent			PHYS 236 Numerical Methods in Physics with Python (3.00)	MATH 204, MATH 205	
	PHYS 232 Methods of Theoretical Physics I (3.00)		MAST 218		PHYS 252 Optics (3.00)	PHYS 206	
	Elective (3:00)				Elective (3:00)		
	Elective (3:00)				Elective (3:00)		
					PHYS 230 (3.00) can be taken during Fall, Winter or Summer terms		
YEAR 2	PHYS 253 Electricity and Magnetism I (3.00)	PHYS 205	MAST 218	YEAR 2	PHYS 354 Electricity and Magnetism II (3.00)	PHYS 253	MAST 219
	PHYS 334 Thermodynamics (3.00) L PHYS 393	PHYS 204, MAST 218	MAST 219		PHYS 367 Modern Physicics and Relativity (3.00)	PHYS 205, PHYS 206	
	PHYS 245 Classical Mechanics (3.00)	MATH 204, MATH 205			Elective (3:00)		
	Elective (3:00)				Elective (3:00)		
	Elective (3:00)				Elective (3:00)		
					PHYS 230 (3.00) can be taken during Fall, Winter or Summer terms		
YEAR 3	PHYS 377 Quantum Mechanics I (3.00)	PHYS 367		YEAR 3	PHYS 335 Methods of Theoretical Physics II (3.00)	PHYS 232	MAST 219
	PHYS MAJOR 3 credit of PHYS, see recommendation (3:00)				PHYS 435 Statistical Physics (3.00)	PHYS 334, PHYS 367	
	Elective (3:00)				Elective (3:00)	PHYS 253	MAST 219
	Elective (3:00)				Elective (3:00)		
	Elective (3:00)						

	MAJOR (42+3 credits) FALL ENTRY						
	FALL	PRE-RECS	CO-RECS		WINTER	PRE-RECS	CO-RECS
YEAR 1	MAST 218 Multivariable Calculus I (3.00)	MATH 204 MATH 205		YEAR 1	MAST 219 Multivariable Calculus II (3.00)	MAST 218	
	PHYS 230 Experimental Physics I (3.00)	PHYS 204-206, PHYS 224-226; or equivalent			PHYS 236 Numerical Methods in Physics with Python (3.00)	MATH 204, MATH 205	
	PHYS 232 Methods of Theoretical Physics I (3.00)		MAST 218		PHYS 252 Optics (3.00)	PHYS 206	
	Elective (3:00)				Elective (3:00)		
YEAR 2	PHYS 245 Classical Mechanics (3.00)	MATH 204, MATH 205		YEAR 2	PHYS 367 Modern Physicics and Relativity (3.00)	PHYS 205, PHYS 206	
	PHYS 253 Electricity and Magnetism I (3.00)	PHYS 205	MAST 218		PHYS 335 Methods of Theoretical Physics II (3.00)	PHYS 232	MAST 219
	PHYS 334 Thermodynamics (3.00)	PHYS 204, MAST 218	MAST 219		PHYS 354 Electricity and Magnetism II (3.00)	PHYS 253	MAST 219
	Elective (3:00)				Elective (3:00)		
	PHYS 230 (3.00) can be taken during Fall, Winter or Summer terms						
YEAR 3	PHYS 377 Quantum Mechanics I (3.00)	PHYS 367		YEAR 3	PHYS 435 Statistical Physics (3.00)	PHYS 334, PHYS 367	
	PHYSICS 3 credit of PHYS, see recommendation (3:00)				Elective (3:00)		
	Elective (3:00)				Elective (3:00)		
	Elective (3:00)				Elective (3:00)		
YEAR 4	Elective (3:00)			YEAR4	Elective (3:00)		
	Elective (3:00)				Elective (3:00)		
	Elective (3:00)	***************************************			Elective (3:00)		

	MAJOR (42+3 credits) FALL ENTRY						
	FALL	PRE-RECS	CO-RECS		WINTER	PRE-RECS	CO-RECS
YEAR 1	MAST 218 Multivariable Calculus I (3.00)	MATH 204 MATH 205		YEAR 1	MAST 219 Multivariable Calculus II (3.00)	MAST 218	
	PHYS 230 Experimental Physics I (3.00)	PHYS 204-206, PHYS 224 226; or equivalent			PHYS 236 Numerical Methods in Physics with Python (3.00)	MATH 204, MATH 205	
	Elective (3:00)				Elective (3:00)		
YEAR 2	PHYS 232 Methods of Theoretical Physics I (3.00)	MAST 218		YEAR 2	PHYS 252 Optics (3.00)	PHYS 206	
	PHYS 253 Electricity and Magnetism I (3.00)	PHYS 205	MAST 218		PHYS 354 Electricity and Magnetism II (3.00)	PHYS 253	MAST 219
	Elective (3:00)				Elective (3:00)		
					PHYS 230 (3.00) can be taken during Fall, Winter or Summer terms		
YEAR 3	PHYS 334 Thermodynamics (3.00)	PHYS 204, MAST 218	MAST 219	YEAR 3	PHYS 367 Modern Physicics and Relativity (3.00)	PHYS 205, PHYS 206	
	PHYS 245 Classical Mechanics (3.00)	MATH 204, MATH 205			PHYS 335 Methods of Theoretical Physics II (3.00)	PHYS 232	MAST 219
	Elective (3:00)				Elective (3:00)		
YEAR 4	PHYS MAJOR 3 credit of PHYS, see recommendation (3:00)			YEAR 4	PHYS 435 Statistical Physics (3.00)	PHYS 334, PHYS 367	1
	PHYS 377 Quantum Mechanics I (3.00)	PHYS 367			Elective (3:00)		
	Elective (3:00)				Elective (3:00)		
YEAR 5	Elective (3:00)			YEAR 5	Elective (3:00)		
	Elective (3:00)				Elective (3:00)		
	Elective (3:00)				Elective (3:00)		



SUGGESTED COURSE SEQUENCES LINK

\LL	WINTER	Fall Entry
\ST 218 ivariable Calculus I	MAST 219 Multivariable Calculus II	Suggested se Winter Entr
YS 232 thods of Theoretical Physics I	PHYS 230 Experimental Physics I	Suggested se Co-op Fall E
S 245 cal Mechanics	PHYS 236 Numerical Methods in Physics with Python	Suggested se Co-op Wint
Education outside physics)	PHYS 367 Modern Physics and Relativity	Fall Entry  • 3 courses pe

Co-op Winter Entry

Suggested sequence of Courses for

Suggested sequence of Courses for

Winter Entry

Co-op Fall Entry

# CONCIDERING GOING TO GRADUATE SCHOOL?

#### 66 BSc Specialization in Physics

42 Core Program

**21** PHYS 330, 345, 355, 459, 468, 478, 497

**3** Chosen from PHYS 370, 436, 440, 443, 445, 458, 498

Total: 90 credits program = 66 + 24

66 Spec in Physics

24 = electives outside of Physics (6 outside of Sciences)

#### CONCIDERING GOING TO GRADUATE SCHOOL?

	Specialization, Opt A (66 credits) FALL ENTR	T					
	FALL	PRE-RECS	CO-RECS		WINTER	PRE-RECS	CO-RECS
YEAR 1	MAST 218 Multivariable Calculus I (3.00)	MATH 204, MATH 205		YEAR 1	MAST 219 Multivariable Calculus II (3.00)	MAST 218	
	PHYS 230 Experimental Physics I (3.00)	PHYS 204-206, PHYS 224 226; or equivalent			PHYS 236 Numerical Methods in Physics with Python (3.00)	MATH 204, MATH 205	
	PHYS 232 Methods of Theoretical Physics I (3.00)		MAST 218		PHYS 252 Optics (3.00)	PHYS 206	
	Elective (3:00)				Elective (3:00)		
YEAR 2	PHYS 245 Classical Mechanics (3.00)	MATH 204, MATH 205		YEAR 2	PHYS 367 Modern Physicics and Relativity (3.00)	PHYS 205, PHYS 206	
	PHYS 253 Electricity and Magnetism I (3.00)	PHYS 205	MAST 218		PHYS 335 Methods of Theoretical Physics II (3.00)	PHYS 232	MAST 219
	PHYS 334 Thermodynamics (3.00)	PHYS 204, MAST 218	MAST 219		PHYS 354 Electricity and Magnetism II (3.00)	PHYS 253	MAST 219
	Elective (3.00)				Elective (3:00)		
	PHYS 230 and PHYS 330 (3.00) can be taken during Fall, Winter or Summer terms						
YEAR 3	PHYS 377 Quantum Mechanics I (3.00)	PHYS 367		YEAR 3	PHYS 435 Statistical Physics (3.00)	PHYS 334, PHYS 367	
	PHYS 345 Advanced Classical Mechanics (3.00)	PHYS 232, PHYS 245 MAST 219			PHYS 478 Quantum Mechanics II (3.00)	PHYS 377	
	PHYS 330 Experimental Physics II (3.00)	PHYS 230			Elective (3:00)		
	Elective (3:00)				Elective (3:00)		
	PHYS 497 Specialization Research Project (3.00) can be taken during Fall, Winter or Sui	<b>mmer</b> terms					
YEAR 4	PHYS 459 Condensed Matter Physics I (3.00)	PHYS 377		YEAR 4	PHYS 468 Condensed Matter Physics II (3.00)	PHYS 459	PHY\$ 478
	PHYS 355 Electronics (3.00)	PHYS 205			PHYS 497 Specialization Research Project (3.00)		
	Recommended PHYS 3 credits OR Elective (3.00)		<b>←</b>	<b>→</b>	Recommended PHYS 3 credits (if not taken during Fall) OR Elective (3.00)		

#### ONE CAN DO RESEARCH DURING THE FIRST YEAR

#### PHYS 289

(HONOURS RESEARCH PROJECT)
IS EXACTLY FOR THAT

Coordinator/OFD Accept	ince.
STUDENT INFORMATION	(Checklist filled in by the Coordinator/Program Director)
GPA requirements	met ( GPA ≥ 3.3)
GPA requirements the supervisor )	not met (2 references needed from faculty members other than
Not in honours pro	ogram yet, recommended to take the course (PHYS 289 only)
Name:	Signature:
Date:	

Coordinator/LIDD Accontances

# CONCIDERING GOING TO GRADUATE SCHOOL? HONOURS PROGRAM

	Honours, Opt A 72 credits) FALL ENTRY					
	FALL	PRE-RECS	CO-RECS		WINTER	PRE-RECS
1	MAST 218 Multivariable Calculus I (3.00)	MATH 204 MATH 205		YEAR 1	MAST 219 Multivariable Calculus II (3.00)	MAST 218
		PHYS 204-206, PHYS 224-				
	PHYS 230 Experimental Physics I (3.00)	226; or equivalent			PHYS 236 Numerical Methods in Physics with Python (3.00)	MATH 204, MATH 205
	PHYS 232 Methods of Theoretical Physics I (3.00)		MAST 218		PHYS 252 Optics (3.00)	PHYS 206
	Elective (3:00)				Elective (3:00)	
					Honours students can replace LIST 1 courses with PHYS 289 Honours Research Experience I. Can be taken during Fall, Winter or Summer terms	
2	PHYS 245 Classical Mechanics (3.00)	MATH 204, MATH 205		YEAR 2	PHYS 367 Modern Physicics and Relativity (3.00)	PHYS 205, PHYS 206
	PHYS 253 Electricity and Magnetism I (3.00)	PHYS 205	MAST 218		PHYS 335 Methods of Theoretical Physics II (3.00)	PHYS 232
	PHYS 334 Thermodynamics (3.00) L PHYS 393	PHYS 204, MAST 218	MAST 219		PHYS 354 Electricity and Magnetism II (3.00)	PHYS 253
	Elective (3:00)				Elective (3:00)	
	PHYS 230 and PHYS 330 (3.00) can be taken during Fall, Winter or <b>Summer</b> terms				Honours students can replace LIST 1 courses with PHYS 389 Honours Research Experience II. Can be taken during Fall, Winter or Summer terms	
3	PHYS 377 Quantum Mechanics I (3.00)	PHYS 367		YEAR 3	PHYS 435 Statistical Physics (3.00)	PHYS 334, PHYS 367
		PHYS 232, PHYS 245, MAST				
	PHYS 345 Advanced Classical Mechanics (3.00)	219			PHYS 478 Quantum Mechanics II (3.00)	PHYS 377
	PHYS 330 Experimental Physics II (3.00)	PHYS 230			Elective (3:00)	
	Elective (3:00)					
4	PHYS 496 Honours Research Project (2-term)			YEAR 4	PHYS 496 Honours Research Project (2-term) continued	
	PHYS 459 Condensed Matter Physics I (3.00)	PHYS 377			PHYS 468 Condensed Matter Physics II (3.00)	PHYS 459
	PHYS 355 Electronics (3.00)	PHYS 205			One course from List 1 (see below) (If PHYS 289/389 is taken, then elective)	
	One course from List 1 (see below) (If PHYS 289/389 is taken, then elective)					
1						

#### WINTER/FALL

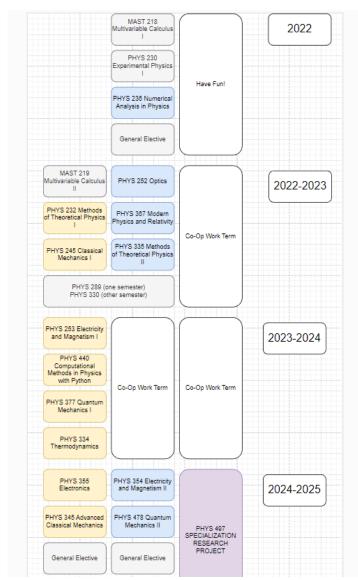
**PHYS 377** 

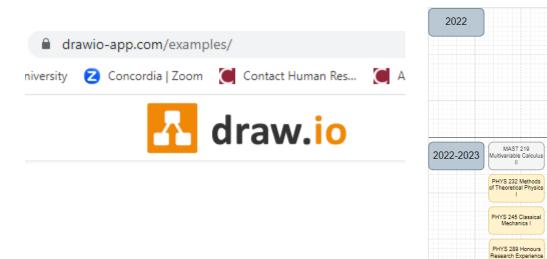
PHYS 367→ PHYS 377

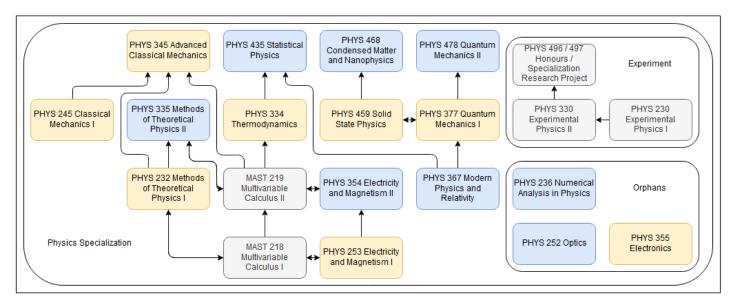
PHYS 459 Condensed Matter Physics I (3.00)	PHYS 377
PHYS 468 Condensed Matter Physics II (3.00)	PHYS 459, PHYS 478
PHYS 478 Quantum Mechanics II (3.00)	PHYS 377
PHYS 497 Specialization Research Project (3.00)	PHYS 232
3 credits	
PHYS 370 Nonlinear Dynamics/Chaos/Fractals (3.00)	PHYS 232
PHYS 436 Methods of Theoretical Physics III (3.00)	PHYS 335
PHYS 440 Computational Methods in Physics with Python (3.00)	PHYS 233, PHYS 335, PHYS 337
PHYS 443 Quantitative Human Systems Physiology (3.00)	minimum of 45 university credits
PHYS 445 Principles of Medical Imaging (3.00)	minimum of 45 university credits
PHYS 458 Advanced Electrodynamics (3.00)	PHYS 354, PHYS 436
PHYS 498 Advanced Topics in Physics (3.00)	
CORE PHYSICS (42)	
6 credits	
MAST 218 Multivariable Calculus I (3.00)	MATH 204 MATH 205
MAST 219 Multivariable Calculus II (3.00)	MAST 218
36 credits:	
PHYS 230 Experimental Physics I (3.00)	PHYS 204-206, PHYS 224-226; or equivalent.
PHYS 232 Methods of Theoretical Physics I (3.00)	MAST 218
PHYS 236 Numerical Methods in Physics with Python (3.00)	MATH 204, MATH 205
PHYS 245 Classical Mechanics (3.00)	MATH 204, MATH 205
PHYS 252 Optics (3.00)	PHYS 206
PHYS 253 Electricity and Magnetism I (3.00)	PHYS 205, MAST 218
PHYS 334 Thermodynamics (3.00)	PHYS 204, MAST 218, MAST 219
PHYS 335 Methods of Theoretical Physics II (3.00)	PHYS 232, MAST 219
PHYS 354 Electricity and Magnetism II (3.00)	PHYS 253, MAST 219
PHYS 367 Modern Physicics and Relativity (3.00)	PHYS 205, PHYS 206 or equivalent
PHYS 377 Quantum Mechanics I (3.00)	PHYS 367
PHYS 435 Statistical Physics (3.00)	PHYS 334, PHYS 367

MOST OF THE
PHYSICS
COURSES ARE
TAUGHT ONLY
DURING WINTER
OR FALL TERMS

COURSES TAUGHT DURING SUMMER 2023	COURSES TAUGHT DURING FALL 2023	COURSES TAUGHT DURING WINTER 2024
PHYS 204/224	PHYS 204/224	PHYS 204/224
PHYS 205/225	PHYS 205/225	PHYS 205/225
PHYS 226	PHYS 206/226	PHYS 206/226
PHYS 200	PHYS 230	PHYS 230
PHYS 230	PHYS 330	PHYS 330
PHYS 330	PHYS 232	PHYS 236
PHYS 289	PHYS 284	PHYS 252
PHYS 389	PHYS 245	PHYS 260
PHYS 497	PHYS 253	PHYS 273
	PHYS 334	PHYS 335
	PHYS 345	PHYS 354
	PHYS 355	PHYS 367
	PHYS 377	PHYS 435
	PHYS 440	PHYS 445
	PHYS 443	PHYS 460
	PHYS 459	PHYS 468
	PHYS 289	PHYS 478
	PHYS 389	PHYS 498
	PHYS 497	PHYS 289
		PHYS 389
		PHYS 497







Nultivariable Calculu

PHYS 230

Experimental Physics

PHYS 236 Numerical Analysis in Physics

General Elective

PHYS 252 Optics

PHYS 367 Modern

Physics and Relativity

PHYS 335 Methods

of Theoretical Physics

Have Fun!

Co-Op Work Term

#### TUTORIALS

All <u>tutorial</u> sessions of a given week will cover the same material

Tutorials will start on September 11, 2023

#### PHYS 204, 205, 206 TUTORIALS (FALL 2023)

1	TUESDAY	WEDNESDAY	THUF	RSDAY
<b>205</b> 25	PHYS 206 CC 405			
<b>205</b> 305	PHYS 206 CC 305			
	PHYS 204 CC 405		PHYS 204 CC 405	PHYS CC 4
	<b>PHYS 204</b> CC 301	PHYS 206 CC 204		<b>S 204</b> 425
<b>HYS 205</b> CC 425	<b>PHYS 205</b> CC 204	PHYS 206 CC 301		
	<b>PHYS 205</b> CC 301			

given week will cover the same material tember 11

### TUTORIALS

PHYS 232	BSc Tutorial	Mariana Frank	
PHYS 245	BSc Tutorial	Pablo Bianucci	
PHYS 253	BSc Tutorial	Christophe Grova	
PHYS 334	BSc Tutorial	Laszlo Kalman	
PHYS 345	BSc Tutorial	Sushil Misra	
PHYS 355	BSc Tutorial	Joseph Shin	
PHYS 377	BSc Tutorial	Mario D'Amico	
PHYS 440	BSc Tutorial	<u>Ré</u> Mansbach	

# IMPORTANT DATES

#### DNE

Full refund September 18, 2023

#### DISC

Academic withdrawal December 5, 2023

a.ca/artsci/physics/current-students/advising-forms-support.html FAS Equipment loan an... FAS Touchstone pre... Academic dates – U... SIS help ental health ABOUT THE DEPARTMENT **PROGRAMS** RESEAR laszlo.kalman@concordia.ca Phone: 514-848-2424, ext. 5051 Department of Physics forms Undergraduate Change of Concentration Form 8 (Change your current concentration, e.g., major to PHYS 289/389 Application Form 8 PHYS 496/497 Application/Admission Form 8 (Application for an Honours or a Specialization in Phy-Faculty of Arts and Science forms · Request for Specific Transfer Credits and/or Exemptic (Transfer of credits awarded for previous post-secondar)

Student Request Form 8

course substitutions and others.)

(Request exceptions to academic regulations or related mat

# IMPORTANT FORMS

link



### CO-OP PROGRAM AND C-EDGE

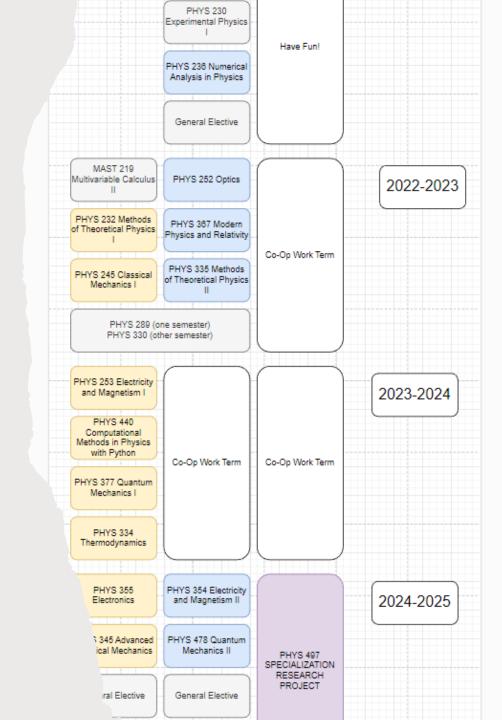
- Co-op program overview
- Co-op sequence
- A couple of examples
- C-Edge program overview

## CO-OP PROGRAM

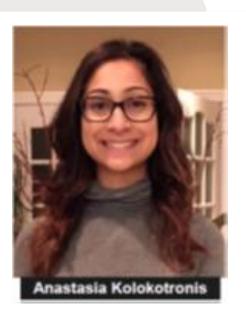
# COMBINING STUDY WITH WORK EXPERIENCE

- Three paid work terms as part of your degree
- Training in CV writing and job application
- Must be a FULL-TIME student (>12 credits)
- GPA 2.8
- Contact Laszlo Kalman for details
- Requires detailed planning with Academic Advisor
- Visit Institute for Co-operative Education

# CO-OP PROGRAM







# CO-OP PROGRAM

#### COMBINING STUDY WITH WORK EXPERIENCE

# Mariya Krasteva:

Co-op Internships: McGill Space Institute Presto Heinrich-Heine-Universität European Space Agency

#### Anastasia Kolokotronis:

Coop Internships: PERFORM Research Center, Agilent Technologies (twice)

# C-EDGE

# ONE OR TWO TERMS OF WORK EXPERIENCE

- Less restrictive
- One or two work terms whenever, as long not the last term
- Training in CV writing and job application
- Contact Laszlo Kalman for details
- Visit Institute for Co-operative Education

# RESEARCH OPPORTUNITIES

SUMMER RESEARCH OPPORTUNITIES

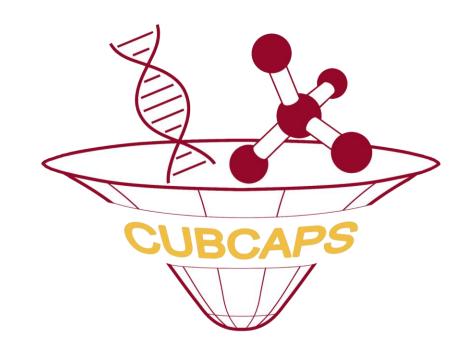
RESEARCH OPPORTUNITIES

**SCIENCE COLLEGE** 

CONCORDIA
UNDERGRADUATE
BIOCHEMISTRY,
CHEMISTRY AND
PHYSICS SOCIETY

### **CUBCAPS**

Physics Students **DISCORD** is a MUST!





# HAVE A BALANCED LIFE

NEW STUDENTS STUDENT SUCCESS CENTRE

STUDENT HUB

STUDENTS SERVICES

ZEN DENS

**FUTURE BOUNDS** 

# USEFUL LINKS RESOURCES

#### ADMINISTRATIVE:

- Birks Student Centre
- International Student Office
- Student Accounts
- Office of Rights and Responsibilities

#### PHYSICAL and MENTAL HEALTH:

- First year Students counseling
- Health Services
- Access Centre for Students with Disabilities
- Counselling and Psychological Services
- Recreation and Athletics



## USEFUL LINKS RESOURCES

#### **VARIOUS:**

- Campus Security
- Career Planning Services
- CU Off-Campus Housing
- Dean of Students Office
- French courses
- LIVE Centre (volunteering)
- Multi-faith and Spirituality Centre
- Navigator Program/Welcome Crew

#### LIBRARY and BOOKSTORE:

- Concordia Library
- Concordia Book Stop (Bookstore)



# ACADEMIC INTEGRITY

Concordia University places the principle of academic integrity, that is, honesty, responsibility and fairness in all aspects of academic life, as one of its highest values.

### Academic Code of Conduct

The most common offense under the Academic Code of Conduct is plagiarism.

- if you complete a homework with someone else, indicate it/give them a credit;
- if you use references, mention it in your work;
- be honest on exams,
- respect the intellectual property (IP) of faculty and fellow students.

# ACADEMIC INTEGRITY

#### **Plagiarism Policy**

To plagiarize is to use the work, ideas or words of someone else. Plagiarism may involve the following:

- Copying another person's work.
- Downloading, borrowing or buying from the Internet, projects, papers or assignments.
- Overuses of someone else's work
- Misrepresenting the sources that were used.
- Allowing another person to do the work to one's academic assignment.

Sourced from the Syllabus of:



Canadian Institute of Technology - CIT

Address: Zayed Center, Rr. Andon Zako Çajupi, nr. 6, Tiranë, Albania URL: www.cit.edu.al Tel: +355 42 220778



# DIVERSITY AND INCLUSION

## Our <u>statement</u>:

"Our Department of Physics at Concordia University is a rapidly diversifying environment. We embrace this diversity by a firm commitment to inclusiveness. Everyone who dedicates their time and passion to physics belongs here and deserves to feel equally valued and respected no matter their gender, sexual orientation, ethnicity, religion, age, or disability".

# USEFUL LINKS RESOURCES



- Concordia Student Union / CUBCAPS
- Counselling & Psychological Services
- Women in Physics Canada
- Queer Concordia
- Aboriginal Student Resource Centre
- Multi-Faith and Spirituality Centre
- Access Centre for Students with Disabilities

## LOYOLA LANDING

Loyola Landing is your all-in-one student services stop to get connected at Loyola!

All Concordians are invited to drop by this hub which brings together student supports and opportunities for community engagement at the Loyola Campus.

#### You'll find resources for:

- Academic success
- Career planning
- Student life and engagement
- Referrals and connections at the university

Our goal is to create and foster an open and lively space for students to ask questions, access services, meet with staff and get connected. We also want to showcase student projects, involve interns and volunteers, and host student run and related events.

We want to explore a different model for the delivery of student services on Loyola Campus and ensure students are included in the service design process.

## HOMEROOM

Homeroom provides a space for you to connect to other students. Through peer-to-peer facilitated virtual and in-person experiences you will meet and bond with other new Concordia students and learn how to navigate the university experience together.

Check us out on social media: @CUHomeroom

Website: <a href="https://www.concordia.ca/students/homeroom.html">https://www.concordia.ca/students/homeroom.html</a>

## PEOPLE

#### Dr. Laszlo Kalman

Undergraduate and Co-op Program Director

Office: SP-365.10

laszlo.kalman@concordia.ca

#### Nata Zazubovits

BSc Coordinator and Academic Advisor

Office: SP-367.01

physics-advising@concordia.ca

- BOOK a ZOOM meeting
- BOOK an IN-PERSON meeting





MyConcordia Library Director

BOOK AN ADVISING APPOINTMENT



# arrefour

Y CU ACCOUNT

**SERVICES & RESOURCES** 

physics advising

unt

# BOOK AN ADVISING APPOINTMENT



### BOOK a ZOOM meeting:

https://calendly.com/physics-advising/zoom-advising-15-min

## BOOK an IN-PERSON meeting:

https://calendly.com/physics-advising/advising-in-person

# BOOK AN ADVISING APPOINTMENT

Give us a call 514-848-2424, ext. 7369 Send us an email

new@concordia.ca

## WELCOME CREW MENTORS

# New students: we're here to help!

Need a hand figuring out your next steps? From tips on making friends to pointers for finding the best resources or contact for your needs — we're experienced student mentors to help you successfully transition into first year at Concordia!

THANK YOU

Q&A