

Professional Physics

Liberal Arts and Sciences
Degree Path - Catalog 2022-2023

Semester 1	Credits	Success Marker	Semester 2	Credits	Success Marker
/ATH 229	4	· Grade of B- or better	PHYS 253	4	· Grade of B- or better
CHEM 210	3		MATH 230	4	
CHEM 212	1		CHEM 211*	3	
ENGL 103	3		CHEM 213*	1	
COMS 100	3		ENGL 203	3	
PHYS 101 (optional)	1				
Total hours	14-15		Total hours	15	
Notes/Comments:			Notes/Comments: * or CSCI 240		
Semester 3	Credits	Success Marker	Semester 4	Credits	Success Marker
PHYS 273	4	· Grade of B- or better	rade of B- or better PHYS 283 3	· Grade of B- or better	
MATH 232	4	· Grade of B- or better	PHYS 284	1	· Grade of B- or better
Knowledge Domain	3		MATH 336	3	
Knowledge Domain	3		Knowledge Domain	3	
			Elective	3	
			Elective	3	
Total hours	14		Total hours	16	
Notes/Comments:			Notes/Comments:		
Semester 5	Credits	Success Marker	Semester 6	Credits	Success Marker
PHYS 300	3	· Grade of C or better	PHYS 370	3	· Grade of C or better
PHYS 320	3		PHYS 374	3	
	3 4			3	
PHYS 375			PHYS 374		
PHYS 375 Knowledge Domain	4		PHYS 374 PHYS 383	3	
PHYS 375 Knowledge Domain Elective	3		PHYS 374 PHYS 383 Elective	3	
PHYS 375 Knowledge Domain Elective Fotal hours	3 3		PHYS 374 PHYS 383 Elective Elective (300/400 level)	3 3 3	
PHYS 375 Knowledge Domain Elective Total hours	3 3	Success Marker	PHYS 374 PHYS 383 Elective Elective (300/400 level) Total hours	3 3 3	Success Marker
PHYS 375 Knowledge Domain Elective Total hours Notes/Comments: Semester 7	4 3 3 16	Success Marker • Apply for graduation (2/1 for May,	PHYS 374 PHYS 383 Elective Elective (300/400 level) Total hours Notes/Comments:	3 3 3 15	Success Marker
PHYS 375 Knowledge Domain Elective Total hours Notes/Comments: Semester 7 PHYS 460 PHYS 470 and/or PHYS 485	4 3 3 16 Credits	Success Marker	PHYS 374 PHYS 383 Elective Elective (300/400 level) Total hours Notes/Comments: Semester 8	3 3 3 15	Success Marker
PHYS 375 Knowledge Domain Elective Total hours Notes/Comments: Semester 7 PHYS 460 PHYS 470 and/or PHYS 485 and/or Elective	4 3 3 16 Credits	Success Marker • Apply for graduation (2/1 for May, 6/15 for August, or 9/1 for	PHYS 374 PHYS 383 Elective Elective (300/400 level) Total hours Notes/Comments: Semester 8 PHYS 461 and/or Elective	3 3 3 15 Credits	Success Marker
PHYS 375 Knowledge Domain Elective Total hours Notes/Comments: Semester 7 PHYS 460 PHYS 470 and/or PHYS 485 and/or Elective PHYS 430	4 3 3 16 Credits 3 6	Success Marker • Apply for graduation (2/1 for May, 6/15 for August, or 9/1 for	PHYS 374 PHYS 383 Elective Elective (300/400 level) Total hours Notes/Comments: Semester 8 PHYS 461 and/or Elective PHYS 400 and/or Elective	3 3 3 15 Credits 3	Success Marker
PHYS 320 PHYS 375 Knowledge Domain Elective Total hours Notes/Comments: Semester 7 PHYS 460 PHYS 470 and/or PHYS 485 and/or Elective PHYS 430 PHYS 480 and/or Elective	4 3 3 16 Credits 3 6 4	Success Marker • Apply for graduation (2/1 for May, 6/15 for August, or 9/1 for	PHYS 374 PHYS 383 Elective Elective (300/400 level) Total hours Notes/Comments: Semester 8 PHYS 461 and/or Elective PHYS 400 and/or Elective PHYS 463 and/or Elective	3 3 3 15 Credits 3 3	Success Marker

Notes/Comments: This plan is an example of what a four year plan could look like for a typical student. Placement exam scores in math as well as the completion of coursework may change the plan. It should not be used in the place of regular academic advising appointments. All students are encouraged to meet with their advisor each Semester to discuss course scheduling. All requirements are subject to change by NIU. Professional Physics majors must take three of PHYS 400, PHYS 410, PHYS 434, PHYS 461, PHYS 463, PHYS 470, PHYS 474, PHYS 477, and PHYS 485. Courses should be selected in consultation with a faculty advisor from the Department of Physics. Transfer students, students who have taken PHYS 210 and PHYS 211 or the equivalent, and students who do not place into MATH 229, should consult a faculty advisors from the Department of Physics.