

Degree Plan

Degree : BACHELOR	Faculty : Sciences & Arts Najran	Plan hrs : 134
Semester : 382	Dept : Physics	Plan Type : Main
Edition : 1	Major : 340403 Physics	Gender : All

Group : إجبارية (134)

First					
code	Course Name	Hr.	requisite	Year	Activities Desc
101MATH-4	Differential Calculus	4	-	-	Theoretical (3), Practical (1)
102PHIS-3	General Physics 1	3	-	-	Theoretical (2), Practical (1)
102ENG-3	Linguistic Texts	3	-	-	Theoretical (3)
111ISL-2	Introduction to Islamic Culture	2	-	-	Theoretical (2)
151PHIS-3	Principles of Mathematical Physics	3	-	-	Theoretical (3)
201ARAB-2	Arabic Language Skills	2	-	-	Theoretical (2)
Total					17

Second					
101BIOL-4	General Biology	4	-	-	Theoretical (3), Practical (1)
101CHM-4	General Chemistry -1	4	-	-	Theoretical (3), Practical (1)
103PHIS-3	General Physics 2	3	-	-	Theoretical (2), Practical (1)
112MATH-3	Integral Calculus	3	101MATH-4 - S	-	Theoretical (3)
112ISL-2	Islamic Culture 2	2	-	-	Theoretical (2)
202ARAB-2	Arabic Writing	2	-	-	Theoretical (2)
Total					18

Third					
101CS-3	Computer 1	3	-	-	Theoretical (2), Practical (1)
113ISL-2	Islamic Culture 3	2	-	-	Theoretical (2)
211PHIS-3	Mechanics I	3	102PHIS-3 - S	-	Theoretical (3)
213MATH-3	Advanced Calculus III	3	112MATH-3 - S	-	Theoretical (3)
231PHIS-4	Electricity and Magnetism I	4	103PHIS-3 - S	-	Theoretical (3), Practical (1)
252PHIS-3	Mathematical Physics1	3	101MATH-4 - S	-	Theoretical (3)
Total					18

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Forth					
code	Course Name	Hr.	requisite	Year	Activities Desc
114ISL-2	Islamic Culture 4	2	-	-	Theoretical (2)
212PHIS-3	Mechanics 2	3	211PHIS-3 - S	-	Theoretical (3)
221PHIS-4	Waves and vibrations	4	103PHIS-3 - S	-	Theoretical (3), Practical (1)
241PHIS-4	Heat and thermodynamics	4	-	-	Theoretical (3), Practical (1)
253PHIS-3	Mathematical physics2	3	252PHIS-3 - S	-	Theoretical (3)
Total					16
Fifth					
313PHIS-2	Special Relativity	2	212PHIS-3 - S	-	Theoretical (2)
322PHIS-4	Optics	4	-	-	Theoretical (3), Practical (1)
332PHIS-2	Electronics 1	2	231PHIS-4 - S	-	Theoretical (2)
333PHIS-4	Electricity and Magnetism 2	4	231PHIS-4 - S	-	Theoretical (3), Practical (1)
361PHIS-3	Modern physics	3	-	-	Theoretical (2), Practical (1)
Total					15
Sixth					
BIO301-3	Thinking & Communication Skills	3	-	-	Theoretical (3)
PHIS314-3	Fluid Mechanics	3	-	-	Theoretical (3)
PHIS315-3	Quantum Mechanics 1	3	253PHIS-3 - S	-	Theoretical (3)
PHIS334-3	Electronics 2	3	361PHIS-3 - S	-	Theoretical (2), Practical (1)
PHIS335-3	Electromagnetic Theory 1	3	332PHIS-2 - S	-	Theoretical (3)
PHIS342-3	Statistical Physics	3	333PHIS-4 - S	-	Theoretical (3)
			241PHIS-4 - S	-	Theoretical (3)
			253PHIS-3 - S	-	
Total					18

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Major : 340403 Physics

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Seventh

code	Course Name	Hr.	requisite	Year	Activities Desc
PHIS416-3	Quantum Mechanics 2	3	PHIS315-3 - S	-	Theoretical (3)
PHIS436-3	Electromagnetic Theory 2	3	PHIS335-3 - S	-	Theoretical (3)
PHIS471-4	Solid State Physics 1	4	PHIS315-3 - S	-	Theoretical (3), Practical (1)
PHIS472-4	Nuclear Physics 1	4	PHIS315-3 - S	-	Theoretical (3), Practical (1)
PHIS481-2	Special Topics	2	-	-	Theoretical (2)
Total					16

Eighth

PHIS423-2	Laser Physics	2	361PHIS-3 - S	-	Theoretical (2)
PHIS462-3	Atomic Physics and Spectroscopy	3	361PHIS-3 - S	-	Theoretical (3)
PHIS473-4	Solid State Physics 2	4	PHIS471-4 - S	-	Theoretical (3), Practical (1)
PHIS474-4	Nuclear Physics 2	4	PHIS472-4 - S	-	Theoretical (3), Practical (1)
PHIS482-3	Graduation Project	3	-	-	Theoretical (3)
Total					16