## "Excellence in Science, Technology and Environmental Sustainability"

## FACULTY OF SCIENCE AND NATURAL RESOURCES

**BACHELOR OF SCIENCE WITH HONORS** 

BPKP CODEPROGRAMME OFFEREDHS22Physics with Electronics

## For further inquiries, please contact:

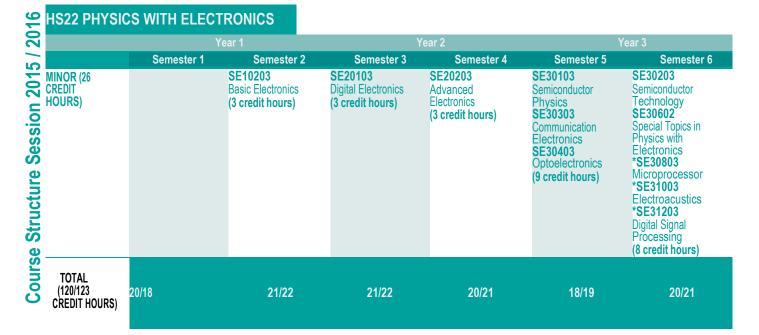
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16	HS22 PHYSIC	S WITH ELECT	RONICS				
/ 20	Year 1		ear 1	Year 2		Year 3	
5		Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
<b>Course Structure Session 2015</b>	UNIVERSITY CORE (PROMOTIONAL) OF KNOWLEDGE (12 CREDIT HOURS)	UW00202 Islam & Asian Civilisation UE00X02 Soft Skill I UK00X02 Soft Skill II (6 credit hours)	UW00102 Ethnic Relation UC00X02 Soft Skill III (4 credit hours)	UW00302 Introduction to Entrepreneurship (2 credit hours)			
	UNIVERSITY CORE LANGUAGE (8 CREDIT HOURS)	UB00102 Bl1 or UB00402/ UB00502/ UB00602 Bl4 (2 credit hours)	UB00202 Bl2or UX00102 BA1 (2 credit hours)	UB00302 Bl3or UX00202 BA2 (2 credit hours)	UB00402/ UB00502/ UB00602 Bl4 or UX00302 BA3 (2 credit hours)	UB00700 BI5 (0 credit hours)	
		ED/EU/EP/EJ10101 EK/EA/ES/EB/EW/ ER0XX03 or (3/1 credit hours)	ED/EU/EP/EJ10201 (0/1 credit hours)	ED/EU/EP/EJ20101 (0/1 credit hours)	ED/EU/EP/EJ20201 (0/1 credit hours)	ED/EU/EP/EJ30101 (0/1 credit hours)	ED/EU/EP/EJ30201 (0/1 credit hours)
	FACULTY CORE (10 CREDIT HOURS)	ST00102 Basic Mathematics (2 credit hours)	ST00202 Basic Statistics (2 credit hours)	ST00502 Basic Chemistry ST00902 Scientific Writing (4 credit hours)	ST00702 Computer Programming and Simulation (2 credit hours)		
	PROGRAMME CORE (61 CREDIT HOURS)	SF10101 Physics Electronics Practical I SF10303 Physics I (Mechanics) SF10503 Physics II (Electricity and Magnetism) (7 credit hours)	SF10201 Physics Electronics Practical II SF10403 Mathematical Method in Physics I SF10603 Physics III (Wave and Optics) SF10803 Modern Physics (10 credit hours)	SF20101 Physics Electronics Practical III SF20303 Mathematical Method in Physics II SF20503 Thermodynamics Physics SF20703 Physics Methods for Experiments and Measurements (10 credit hours)	SF20201 Physics Electronics Practical IV SF20403 Statistical Physics SF20603 Quantum Physics SF20803 Solid State Physics SF21003 Computational Physics and Modelling (13 credit hours)	SF30103 Project I SF30303 Instrumentation Physics #SF30703 X-Ray Crystallography #SF30903 Noise and Vibration #SF31103 Nuclear Physics (9 credit hours)	0206 ect II 0403 ng 0503 Physics s)



# Selective courses in program core, take one course only

\* Selective courses in minor, take one course only

Note : Offered courses are subjected to changes.