

CURRICULUM STRUCTURE

No	Code	Course Name	CH S	Semester							
				1	2	3	4	5	6	7	8
GENERAL COURSES											
1	KU 100	ISLAMIC EDUCATION	2	x							
2	KU 101	PROTESTANT CHRISTIANITY EDUCATION	2	x							
3	KU 102	CATHOLIC CHRISTIANITY EDUCATION	2	x							
4	KU 103	HINDUISM EDUCATION	2	x							
5	KU 104	BUDDHISM EDUCATION	2	x							
6	KU109	CONFUCIAN EDUCATION	2	x							
7	KU 105	CIVIC EDUCATION	2	x							
8	KU 106	INDONESIAN LANGUAGE	2	x							
9	KU 110	PANCASILA EDUCATION	2		x						
10	KU 108	PHYSICAL EDUCATION AND SPORT *	2		x						
11	KU119	ART EDUCATION *	2		x						
12	KU 300	ISLAMIC EDUCATION SEMINAR	2					x			
13	KU 301	PROTESTANT CHRISTIANITY EDUCATION SEMINAR	2					x			
14	KU 302	CATHOLIC CHRISTIANITY EDUCATION SEMINAR	2					x			
15	KU 303	HINDUISM EDUCATION SEMINAR	2					x			
16	KU 304	BUDDHISM EDUCATION SEMINAR	2					x			
17	KU 309	CONFUCIAN EDUCATION SEMINAR	2					x			
18	KU 400	COMMUNITY SERVICE	2						x		
	Jumlah		14	6	4	0	0	2	2	0	
FUNDAMENTALS IN EDUCATION COURSES											
1	DK 300	FUNDAMENTALS OF EDUCATION	2		x						
2	DK 301	PSYCHOLOGY OF EDUCATION AND COUNSELING	2	x							
3	DK 303	CURRICULUM AND LEARNING	2				x				
4	DK 304	EDUCATION MANAGEMENT	2			x					
	Jumlah		8	2	2	2	2	0	0	0	
FACULTY COMPETENCY COURSES											
1	MA100	MATHEMATICS, SCIENCE, TECHNOLOGY, AND ENGINEERING	3	x							
2	MA200	APPLIED MATHEMATICS, SCIENCE, TECHNOLOGY, AND ENGINEERING	3		x						
	Jumlah		6	3	3	0	0	0	0	0	

PROGRAM EXPERTISE COURSE											
1	FI251	STRATEGY OF PHYSICS LEARNING	3					x			
2	FI252	MEDIA AND ICT LITERACY IN PHYSICS LEARNING	3						x		
3	FI551	LESSON PLAN IN PHYSICS LEARNING	3						x		
4	FI253	EVALUATION IN PHYSICS LEARNING	3					x			
Jumlah			12	0	0	0	0	6	6	0	0
CONCENTRATION COMPETENCY COURSES											
1	FI111	CALCULUS	3	x							
2	FI112	FUNDAMENTAL OF PHYSICS I	4	x							
3	FI211	EXPERIMENTS ON FUNDAMENTAL PHYSICS I	2	x							
4	FI113	FUNDAMENTALS OF PHYSICS II	4		x						
5	FI212	EXPERIMENTS ON FUNDAMENTAL PHYSICS II	2		x						
6	FI213	ENGLISH	2		x						
7	FI311	MATHEMATICAL PHYSICS I	4		x						
8	FI131	STATISTICS	2			x					
9	FI132	EARTH AND SPACE SCIENCE	3			x					
10	FI331	MATHEMATICAL PHYSICS II	4			x					
11	FI332	MECHANICS FOR SCHOOL	2			x					
12	FI333	ELECTRONICS	3			x					
13	FI334	THERMODYNAMICS AND WAVE OPTICS FOR SCHOOL	2				x				
14	FI335	MECHANICS	4				x				
15	FI336	THERMODYNAMICS	3				x				
16	FI337	WAVE AND OPTICS	4				x				
17	FI254	SCHOOL PHYSICS LABORATORY	2					x			
18	FI351	ELECTROMAGNETISM AND MODERN PHYSICS FOR SCHOOL	2					x			
19	FI352	ELECTROMAGNETISM	4					x			
20	FI353	MODERN PHYSICS	4					x			
21	FI552	SEMINAR ON PHYSICS EDUCATION	3						x		
22	FI553	RESEARCH METHODOLOGY ON PHYSICS EDUCATION	3						x		
23	FI554	NUCLEAR PHYSICS	3						x		
24	FI371	ENTREPRENEURSHIP	2							x	
25	FI571	QUANTUM PHYSICS	3							x	
26	FI572	STATISTICAL PHYSICS	3							x	
27	FI573	SOLID STATE PHYSICS	3							x	
Jumlah			80	9	12	14	13	12	9	11	0

ELECTIVE COURSE											
1	FI133	PHYSICS FOR ELEMENTARY SCHOOL	2			x					
2	FI338	ENVIRONMENTAL PHYSICS	2			x					
3	FI339	TAXONOMY OF PHYSICS EDUCATION	2			x					
4	FI431	TECHNOLOGY AND ENGINEERING IN PHYSICS EDUCATION	2			x					
5	FI432	E-LEARNING IN PHYSICS EDUCATION	2			x					
6	FI433	ICT IN PHYSICS LEARNING	2				x				
7	FI434	APPLIED STATISTICS FOR EDUCATION	2				x				
8	FI435	APPLIED ELECTRONICS	2				x				
9	FI436	COMPUTATIONAL PHYSICS	2				x				
10	FI531	ITEM RESPONSE THEORY	2				x				
11	FI354	INNOVATION OF PHYSICS TEACHING MATERIAL	2						x		
12	FI355	HISTORY OF PHYSICS	2						x		
13	FI451	WAVE AND ELECTROMAGNETISM EXPERIMENTS *)	2						x		
14	FI452	ELECTRONIC INSTRUMENTATION AND MEASUREMENT TECHNIQUE	2						x		
15	FI574	PHYSICS EDUCATION FOR SUSTAINABLE DEVELOPMENT	2						x		
16	FI471	MANAGEMENT OF SCHOOL PHYSICS LABORATORY *)	2							x	
17	FI472	EXPERIMENTS ON MODERN PHYSICS	2							x	
18	FI575	ADVANCE NUCLEAR PHYSICS	2							x	
19	FI576	ADVANCE QUANTUM PHYSICS	2							x	
20	FI577	ADVANCE SOLID-STATE PHYSICS	2							x	
21	FI578	ASTROPHYSICS	2							x	
	Jumlah		16	0	0	4	4	0	4	4	0
FIELD PRACTICE COURSE											
1	FI590	TEACHING PRACTICE IN SCHOOL	4							x	
	Jumlah		4	0	0	0	0	0	0	0	4
THESIS											
1	FI598	THESIS	6							x	
2	FI599	DEFENCE EXAMS	0							x	
	Jumlah		6	0	0	0	0	0	0	0	6
MKKPPS dipilih 16 sks, dari 40 sks yang disediakan. *) wajib pilih											
	Total Sks		146	20	21	20	19	20	21	15	10

