

C. Basic Skills Compulsory Courses from Biology Study Program			1	2	3	4	5	6	7	8
22	34251701	Practicum of Structure and Development of Animals	1	2						
23	34251713	Structure and Development of Plants	3	3						
24	34251721	Practicum of Structure and Development of Plants	1	1						
25	34251732	Biodiversity and Systematics of Cryptogam	2		2					
26	34251741	Practicum of Biodiversity and Systematics of Cryptogam	1		1					
27	34251752	Biodiversity and Systematics of Invertebrates	2		2					
28	34251761	Practicum of Biodiversity and Systematics of Invertebrates	1		1					
29	34250603	Cell Biology	3		3					
30	34250013	Environmental Science	3		3					
31	34250142	Basic Statistics	2		2					
32	34251772	Biodiversity and Systematics of Phanerogam	2			2				
33	34251781	Practicum of Biodiversity and Systematics of Phanerogam	1			1				
34	34251842	Biodiversity and Systematics of Vertebrates	2			2				
35	34251851	Practicum of Biodiversity and Systematics of Vertebrates	1			1				
36	34251793	Genetics	3			3				
37	34251801	Practicum of Genetics	1			1				
38	34251822	General Microbiology	2			2				
39	34251831	Practicum of General Microbiology	1			1				
40	34251812	Biology Research Methodology	2			2				
41	34251373	Biological Entrepreneurship	3			3				
42	34251862	Molecular Biology	2				2			
43	34252051	Practicum of Molecular Biology	1				1			
44	34251893	Animal Physiology	3				3			
45	34251901	Practicum of Animal Physiology	1				1			
46	34251913	Plant Physiology	3				3			
47	34251921	Practicum of Plant Physiology	1				1			
48	34250812	Experimental Design	2				2			
49	34251873	Basic Ecology	3					3		
50	34251881	Practicum of Basic Ecology	1					1		
51	34250212	Evolution	2					2		
52	34251932	Plant Tissue Culture	2					2		
53	34251941	Practicum of Plant Tissue Culture	1					1		
54	34251952	Scientific Paper Writing Techniques	2					2		
55	34251092	Biotechnology	2					2		
D. Study Programme Elective Courses			1	2	3	4	5	6	7	8
Areas of Expertise and Supportive Courses										
D.1.	Areas of Animal Biology									
56	34251492	Animal Histology	2			2				
57	34251502	Animal Ethology	2		2					
58	34250822	Animal Bioethics	2		2					
59	34250512	Animal Microtechniques	2				2			
60	34250482	Ornithology	2				2			

TABLE 2. COURSES DISTRIBUTION OF SNPT 2021 CURRICULUM (SFD MBKM) PER SEMESTER**LIST OF COURSES IN THE FIRST SEMESTER**

No	Course Code	Courses	Credit			Status
			Theory	Practicum	Total	
1	00051122	Pancasila Education	2	0	2	NC
2	00051142	Bahasa Indonesia	2	0	2	NC
3	30051121	Olympism	1	0	1	UFC
4	34251632	General Biology	3	0	3	BPCC
5	34251641	Practicum of General Biology	0	1	1	BPCC
6	32251012	General Physics	2	0	2	BPCC
7	32251021	Practicum of General Physics	0	1	1	BPCC
8	34251512	Health and Safety of Biological Laboratory	2	0	2	BPCC
9	34251652	General Chemistry	2	0	2	BPCC
10	34251661	Practicum of General Chemistry	0	1	1	BPCC
11	34250093	Basic Mathematics	3	0	3	BPCC
Sum of Credit in the First Semester			17	3	20	

Note:

NC = National Courses; UFC = University & Faculty Courses; BPCC = Biology Program Compulsory Courses; BPEC = Biology Program Elective Courses; MBKM = Independent Learning Activities Courses

LIST OF COURSES IN THE THIRD SEMESTER

No	Course Code	Courses	Courses			Status
			Theory	Practicum	Total	
1	00051023-53 00052033	Religious Education	2	0	2	NC
2	00051112	Civic Education	2	0	2	NC
3	00053182	Education Insights	2	0	2	UFC
4	34250862	English for Biology	2	0	2	BPCC
5	34251673	Biochemistry and Organic Chemistry	3	0	3	BPCC
6	34251681	Practicum of Biochemistry and Organic Chemistry	0	1	1	BPCC
7	34251693	Structure and Development of Animals	3	0	3	BPCC
8	34251701	Practicum of Structure and Development of Animals	0	1	1	BPCC
9	34251713	Structure and Development of Plants	3	0	3	BPCC
10	34251721	Practicum of Structure and Development of Plants	0	1	1	BPCC
Sum of Credit in the Second Semester			17	3	20	

Note:

NC = National Courses; UFC = University & Faculty Courses; BPCC = Biology Program Compulsory Courses; BPEC = Biology Program Elective Courses; MBKM = Independent Learning Activities Courses

LIST OF COURSES IN THE THIRD SEMESTER

No	Course Code	Courses	Credit			Status
			Theory	Status	Total	
1	34250142	Basic Statistics	2	0	2	BPCC
	34250603	Cell Biology	3	0	3	BPCC
2	34251732	Biodiversity and Systematics of Cryptogam	2	0	2	BPCC
3	34251741	Practicum of Biodiversity and Systematics of Cryptogam	0	1	1	BPCC
4	34251752	Biodiversity and Systematics of Invertebrates	2	0	2	BPCC
5	34251761	Practicum of Biodiversity and Systematics of Invertebrates	0	1	1	BPCC
6	34250013	Environmental Science	3	0	3	BPCC
7	KM 02072	Big Data and Programming	2	0	2	UFC
8		Study Program Elective Courses	4	0	4	BPEC
Sum of Credit in the Third Semester			18	2	20	

Note:

NC = National Courses; UFC = University & Faculty Courses; BPCC = Biology Program Compulsory Courses; BPEC = Biology Program Elective Courses; MBKM = Independent Learning Activities Courses

LIST OF COURSES IN THE FOURTH SEMESTER

No	Course Code	Courses	Credit			Status
			Theory	Practicum	Total	
1	34251772	Biodiversity and Systematics of Phanerogam	2	0	2	BPCC
2	34251781	Practicum of Biodiversity and Systematics of Phanerogam	0	1	1	BPCC
3	34251842	Biodiversity and Systematics of Vertebrates	2	0	2	BPCC
4	34251851	Practicum of Biodiversity and Systematics of Vertebrates	0	1	1	BPCC
5	34251793	Genetics	3	0	3	BPCC
6	34251801	Practicum of Genetics	0	1	1	BPCC
7	34251822	General Microbiology	2	0	2	BPCC
8	34251831	Practicum of General Microbiology	0	1	1	BPCC
9	34251812	Biology Research Methodology	2	0	2	BPCC
10	34251373	Biological Entrepreneurship	3	0	3	BPCC
11		Study Program Elective Courses	2	0	2	BPEC
Sum of Credit in the Fourth Semester			17	3	20	

Note:

NC = National Courses; UFC = University & Faculty Courses; BPCC = Biology Program Compulsory Courses; BPEC = Biology Program Elective Courses; MBKM = Independent Learning Activities Courses

LIST OF COURSES IN THE FIFTH SEMESTER

No	Course Code	Courses	Credit			Status
			Theory	Practicum	Total	
1	34250812	Experimental Design	2	0	2	BPCC
2	34251862	Molecular Biology	2	0	2	BPCC
3	34252051	Practicum of Molecular Biology	0	1	1	BPCC
4	34251893	Animal Physiology	3	0	3	BPCC
5	34251901	Practicum of Animal Physiology	0	1	1	BPCC
6	34251913	Plant Physiology	3	0	3	BPCC
7	34251921	Practicum of Plant Physiology	0	1	1	BPCC
8		Study Program Elective Courses/MBKM	7	0	7	BPEC / MBKM
Sum of Credit in the Fifth Semester			17	3	20	

Note:

NC = National Courses; UFC = University & Faculty Courses; BPCC = Biology Program Compulsory Courses; BPEC = Biology Program Elective Courses; MBKM = Independent Learning Activities Courses

LIST OF COURSES IN THE SIXTH SEMESTER

No	Course Code	Courses	Credit			Status
			Theory	Practicum	Total	
1	34251873	Basic Ecology	3	0	3	BPCC
2	34251881	Practicum of Basic Ecology	0	1	1	BPCC
3	34251932	Plant Tissue Culture	2	0	2	BPCC
4	34251941	Practicum of Plant Tissue Culture	0	1	1	BPCC
5	34251092	Biotechnology	2	0	2	BPCC
6	34250212	Evolution	2	0	2	BPCC
7	34251952	Scientific Paper Writing Techniques	2	0	2	BPCC
8		Study Program Elective Courses/MBKM	7	0	7	BPEC / MBKM
Sum of Credit in the Sixth Semester			18	2	20	

Note:

NC = National Courses; UFC = University & Faculty Courses; BPCC = Biology Program Compulsory Courses; BPEC = Biology Program Elective Courses; MBKM = Independent Learning Activities Courses

LIST OF COURSES IN THE SEVENTH SEMESTER

No	Course Code	Courses	Credit			Status
			Theory	Practicum	Total	
1	KM-01126	Internship	0	6	6	MBKM
2	30052072	Thesis Proposal Seminar	2	0	2	UFC
3		Study Program Elective Courses/MBKM	12	0	12	BPEC / MBKM
Sum of Credit in the Seventh Semester			10	6	20	

Note:

NC = National Courses; UFC = University & Faculty Courses; BPCC = Biology Program Compulsory Courses; BPEC = Biology Program Elective Courses; MBKM = Independent Learning Activities Courses

LIST OF COURSES IN THE EIGHTH SEMESTER

No	Course Code	Courses	Credit			Status
			Theory	Practicum	Total	
1		Thesis Result Seminar	0	0	0	UFC
2	30052004	Thesis	0	4	4	UFC
Sum of Credit in the Eighth Semester			0	0	4	

Note:

NC = National Courses; UFC = University & Faculty Courses; BPCC = Biology Program Compulsory Courses; BPEC = Biology Program Elective Courses; MBKM = Independent Learning Activities Courses