

SEMESTER 1					
No	Code	Compulsory Course	Credit	Practicum Credit	ECTS cr-eq
1	0943242175	Indonesian Language	2	0	3
2	0943142101	English	2	0	3
3	0943123013	General Biology	2	1	4,5
4	0943122174	Basic Physics	2	0	3
5	0943122142	Environmental Science	2	0	3
6	0943122173	Basic Chemistry	2	1	4,5
7	0943222017	Basic Mathematic	2	0	3
8	0943112002	Civics Education	2	0	3
9	0943112104	Pancasila Education	2	0	3

SEMESTER 2					
No	Code	Compulsory Course	Credit	Practicum Credit	ECTS cr-eq
1	0943222180	Biochemistry	2	1	4,5
2	0943122128	Biodiversity	2	0	3
3	0943122107	Cell Biology	2	0	3
4		Biostatistic	2	0	3
5	0943222179	Microbiology	2	1	4,5
6	0943212001	Religion Education	2	0	3
7	0943223181	Animal Structure and Development	3	1	6
8	0943223182	Plant Structure and Development	3	1	6

SEMESTER 3					
No	Code	Compulsory Course	Credit	Practicum Credit	ECTS cr-eq
1	0943232185	Molecular Biology	2	1	4,5
2	0943123176	Animal Physiology	3	1	6
3	0943123177	Plant Physiology	3	1	6
4	0943123178	Genetics	3	1	6
5	0943123178	Research Methodology	2	0	3
6	0943122112	Industrial Microbiology	2	0	3
7	0943122138	Laboratory Technique	1	1	3

*can take elective course if credit quota is sufficient

SEMESTER 4					
No	Code	Compulsory Course	Credit	Practicum Credit	ECTS cr-eq
1	0943111110	Bioethics	1	0	1,5
2	0943111110	Bioinformatics	2	1	4,5
3	0943223183	Biosystematics	3	1	6
4	0943223184	Ecology	3	1	6
5	0943222030	Evolution	2	0	3
6	0943222151	Microbial Physiology	2	0	3
7	0943222186	Cell and Tissue Culture	2	2	6
8		Bioproducts	2	0	3

*can take elective course if credit quota is sufficient

Semester 5					
Students have the right to choose between the 2 options available					
No	Code	Course	Credit	ECTS cr-eq	
1		Elective Course in Program in Biology	17	25,5	
Or					
1		Student Exchange	17	25,5	

Semester 6					
Students have the right to choose between the 3 options available					
No	Code	Course	Credit	ECTS cr-eq	
1	0943052034	Internship	2	3	
2	0943132106	Entrepreneurship	2	3	
3		Elective Course in Program in Biology	14	21	
Or					
1	0943052034	Internship	2	3	
2		Student Exchange	16	24	
Or					
1	0943052034	Internship	2	3	
2		MBKM's Activity	16	24	

SEMESTER 7				
Students have the right to choose between the 2 options available				
No	Code	Course	Credit	ECTS cr-eq
1	0943052121	Community Service	2	3
2		Elective Course in Program in Biology	16	24
Or				
1	0943052121	Community Service	2	3
2		MBKM's Activity	16	24

SEMESTER 8				
No	Code	Compulsory Course	Credit	ECTS cr-eq
1	0943056036	Thesis	6	9

ODD SEMESTER					
No	Code	Elective Course	Credit	Practicum Credit	ECTS cr-eq
1	0943122210	Biogeography	2	0	3
2		Mutation Biology	2	0	3
3	0943122141	Biotechnology	2	0	3
4	0943122136	Enzyme Biotechnology	2	1	4,5
5	0943122193	Forensic Botany	2	0	3
6	0943122127	Terrestrial Ecology	2	0	3
7	0943121188	Animal Embryology	1	1	3
8	0943122139	Seed Physiology and Technology	2	0	3
9	0943121202	Phytohormone	2	0	3
10	0943122140	Plant Genetics	2	0	3
11	0943122054	Immunology	2	0	3
12	0943122055	Carsinology	2	0	3
13	0943122133	Prokaryotes Molecular Diversity	2	0	3
14		Chemotaxonomy	2	0	3
15	0943122057	Enviromental Microbiology	1	0	1,5
16		Microtechnique	2	1	4,5
17		Morphometrics	2	0	3
18	0943122124	Ornithology	2	0	3
19	0943122060	Bacterial Pathogenesis	2	0	3
20		Introduction to Cancer Biology	2	0	3
21	0943122143	Natural Resources and Enviromental Management	2	0	3
22		Primathology	2	0	3
23	0943122134	Plant Reproduction	2	0	3
24	0943122122	Higher Plant Systematics	2	1	4,5
25	0943122062	Numerical Taxonomy	2	0	3
26	0943122123	Food Fermentation Technology	1	0	1,5
27	0943122131	Teratology	1	0	1,5
28	0943122137	Enviromental Toxicology	2	0	3

EVEN SEMESTER					
No	Code	Elective Course	Credit	Practicum Credit	ECTS cr-eq
1	0943221198	Experimental Anatomy	1	1	3
2		Bacteriology	2	0	3
3	0943222155	Bioantrophology	2	0	3
4	0943222188	Bioenergy	2	0	3
5	0943222066	Biocontrol	2	0	3
6		Fungus Biology and Application	2	0	3
7		Regeneration Biology	2	0	3
8	0943222168	Soil Biology	2	0	3
9	0943222163	Biology of Aquatic Plant	2	0	3
10	0943122170	Biology of Plant Virus	2	0	3
11		Secondary Metabolite Biotechnology	2	0	3
12		Waste Processing Biotechnology	2	0	3
13		Antimicrobial Compound Biotechnology	2	0	3
14	0943222159	Economic Botany	2	0	3
15	0943222071	Animal Ecophysiology	2	0	3
16	0943222158	Plant Ecophysiology	2	0	3
17	0943222166	Animal Ecomorphology	2	0	3
18	0943222074	Endocrinology	2	0	3
19	0943222144	Entomology	2	0	3

20		Post Harvest Physiology and Technology	2	0	3
21	0943222160	Physiology of Plant Development	2	0	3
22	0943222161	Molecular Genetics	2	0	3
23	0943222145	Ichthyology	2	0	3
24		Soil Nutrient Biology	2	0	3
25	0943222169	Endemic Plant Diversity	2	0	3
26	0943222164	Limnology	2	0	3
27	0943221194	Food Microbiology	1	1	3
28		Nanobiotechnology	2	0	3
29		Neuroscience	2	0	3
30	0943222148	Orchidology	2	0	3
31	0943222162	Environmental Pollution	2	0	3
32		Nutrition and Functional Food	2	0	3
33		Cryptogamae Systematics	2	1	4,5
34		Cytogenetics	2	0	3
35	0943222148	Invertebrate Taxonomy	2	0	3
36		Cultivated Plant Taxonomy	2	0	3