

Curriculum Structure of AQU

No.	Course Code	Course	Credits	ECTS	PLO						
					1	2	3	4	5	6	7
A. Semester I											
1	KI 1121	English	2(2-0)	3.2		✓		✓			
2	KI 1134	Mathematics of waters	3(3-0)	4.8		✓	✓				
3	MKU 1224	Pancasila Education	2(2-0)	3.2	✓			✓			
4	KIBDP1132	Physics Aquatic chemistry	3(2-1)	4.8		✓	✓			✓	
5	KIBDP1133	Basics of Fisheries Product Processing	3(2-1)	4.8		✓				✓	
6	KIBDP1334	Fundamentals of Aquatic Microbiology	3(2-1)	4.8		✓				✓	✓
7	MKU 1224	Indonesian	2(2-0)	3.2	✓		✓	✓			
8	KI 1239	Aquaculture Policies	3(2-1)	4.8		✓			✓		
Sub-total			21	33.6							
B. Semester II											
1	MKU 1223	Religious Education	2(2-0)	3.2	✓			✓			
2	MKU 1121	Civic education	2(2-0)	3.2	✓			✓			
3	KI 1238	Fishing Basics	3(2-1)	4.8		✓				✓	
4	KIBDP1233	Oceanography	3(2-1)	4.8		✓				✓	
5	KIBDP1234	Socio-economic fisheries	3(2-1)	4.8		✓	✓	✓			
6	KIBDP1235	Basics of Fish Genetics	3(2-1)	4.8		✓				✓	
7	MKP 1221	Dryland cultivation of the archipelago	2(2-0)	3.2	✓			✓			
8	KIBDP1439	Fish Parasites and Diseases	3(2-1)	4.8		✓				✓	✓
Sub-total			21	33.6							
C. Semester III											
1	KIBDP1232	Biochemistry	3(2-1)	4.8		✓				✓	✓
2	KIBDP15314	Fish Health Management	3(2-1)	4.8						✓	✓
3	KI 13314	Ichthyologi	3(2-1)	4.8		✓				✓	
4	KI 13315	Aquatic Ecology	3(2-1)	4.8		✓				✓	✓
5	KIBDP1333	Physiology of Aquatic Organisms	3(2-1)	4.8		✓				✓	

No.	Course Code	Course	Credits	ECTS	PLO							
6	KIBDP1335	Aquaculture Data and Information Processing	3(2-1)	4.8			✓	✓				
7	KIBDP15312	Water Quality Management	3(2-1)	4.8					✓	✓	✓	
Sub Total			21	33.6								
D.	Semester IV											
1	KIBDP1436	Aquaculture Engineering	3(2-1)	4.8					✓	✓	✓	
2	KIBDP1437	Fish Nutrition	3(2-1)	4.8		✓				✓	✓	
3	KIBDP14310	Natural Feed Cultivation	3(2-1)	4.8					✓	✓	✓	
4	KIBDP14312	Physiology of Fish Reproduction	3(2-1)	4.8					✓	✓	✓	
5	KI 16317	Scientific Method	3(2-1)	4.8		✓	✓					
6	MKP 1612	Anti-corruption education	1(1-0)	1.6	✓			✓				
7	KIBDP14313	Ornamental Fish and Aquaskap	3(2-1)	4.8					✓	✓	✓	
8	KIBDP14314	Management of Freshwater, Brackish and Marine Aquaculture	3(2-1)	4.8					✓	✓	✓	
Sub Total			22	35,2								
E	Semester V											
1	KIBDP15326	Feeding Technology and Management	3(2-1)	4.8						✓	✓	
2	KIBDP16324	Aquaculture Industry Development	3(2-1)	4.8		✓	✓					
3	KIBDP15327	Invertebrate Animal Cultivation Technology	3(2-1)	4.8					✓	✓	✓	
4	KIBDP15324	Principles of Aquaculture Biotechnology	3(2-1)	4.8		✓				✓		
5	KIBDP15325	Fish Seed Production Management	3(2-1)	4.8						✓	✓	
Sub Total			15	24								
F.	Semester VI Cross study programs / electives (choose 20 credits, both in study programs and across study programs)											

No.	Course Code	Course	Credits	ECTS	PLO					
Study Program Elective Courses										
1	KI 1122	Management Basics	2(2-0)	3.2		✓	✓			
2	KIBDP15321	Macroalgae Cultivation Technology	3(2-1)	4.8					✓	✓
3	KI 12310	Limnology	3(2-1)	4.8		✓			✓	
4	KI 13316	Fisheries and Marine Entrepreneurship	3(2-1)	4.8		✓	✓	✓		
5	KI 13211	Sociology of Coastal and Island Communities	2(2-0)	3.2		✓		✓		
6	KI 13313	Invertebrates	3(2-1)	4.8		✓			✓	
7	KIBDP1435	Fisheries Extension	3(2-1)	4.8		✓		✓		
8	KIBDP14311	Experiment design	3(2-1)	4.8		✓	✓			
9	KIMSA15318	Conservation of aquatic resources	3(2-1)	4.8		✓		✓		✓
10	KIBDP16325	Pathology and toxicity	3(2-1)	4.8					✓	✓
11	KIMSA 1232	Water sports	3(1-2)	4.8		✓		✓		
12	KIBDP16326	Aquatic Environmental Management	3(2-1)	4.8					✓	✓
Cross-study program elective courses										
13										
14										
15										
16										
17										
Sub total			20	32						
G.	Semester VII Off-campus (choose one of the activities worth 20 credits)									
1	School Field Practice (PLP)				✓			✓		
2	Teaching Assistance				✓			✓		
3	Thematic Real Work Lecture (KKNT) – Village Project				✓			✓		
4	Independent Projects				✓			✓		
5	Humanitarian Projects				✓			✓		
6	Entrepreneurship					✓	✓			
7	Research Internship					✓			✓	
Sub Total			20	32						
H.	Semester VIII									
1	KI17120	Seminar	1(0-1)	1.6	✓			✓		
2	KI 18621	Thesis	6(0-6)	9.6	✓			✓		✓

No.	Course Code	Course	Credits	ECTS	PLO
		Sub Total	7	11.2	
		TOTAL	147	235.2	