

Curriculum of the Nutrition and Feed Technology

The 2020 Curriculum Of The Nutrition And Feed Technology Bachelor Program Is Designed For 8 Semesters.

NFT Program Study students must take a minimum of 144 credits to graduate. The course consists of 4 subject's groups namely: 1) General Competency Educational Program (PPKU) (13 courses, 31 credits); 2) Interdepartment (9 courses, 26 credits); 3) Nutrition and Feed Technology Major (28 courses, 77 credits; including 1 seminar credits and 6 thesis credits); 4) Minor / Options (Supporting Courses) (minimum 2 credits).

Preparation level courses are mandatory for every IPB University students. Subjects incorporated in the General Competency Educational Program are designed for the achievement of competencies predetermined by IPB University.

Interdepartment courses are compulsory faculty subjects, intended to allow students to have basic competency which in general should be achieved by graduates from the Faculty of Animal Science.

Major courses are courses that must be taken by student in NFT Program. This course is intended to meet the competency that must be possessed by graduates of this program. The course includes 77 credits. In the final year the student must complete the final assignment, which is working on research for undergraduates thesis preparation. Before performing the thesis oral test, a student must first conduct a seminar.

The curriculum handbook can be downloaded in [\(module handbook\)](#)

The K2020 structure of NFT Study Program

Competency Groups	Credits	Percentage
Common Core Program (PPKU)	35	24
Foundational Literacy/Academic Core Course	39	27
In-Depth Prodi Course	29	20
Enrichment Course	21	15
Final Year Project	20	14
Total	144	100

Curikulum Structure Of the nutrition and feed technology

No	Courses		Credit	Prerequisite	Semester	
	Code	Name			Odd	Even
General competences Courses						
1	IPB100- 104 /IPB110	Religion	3(2-2)		1	
2	IPB111	Pancasila and Nationality Education	2(1-2)			2
3	IPB106	Indonesian	2(1-2)		1	
4	IPB107	Introduction of Agricultural Science	2(2-0)		1	
5	IPB108	English	3(2-2)			2
6	IPB112	Sports and Arts*	1(0-3)		1	
7	MAT101	Fundamental Mathematics	3(2-2)		1	
8	KIM101	Chemistry	3(2-3)			2
9	BIO100	Biology	3(2-3)		1	
10	FIS100	Physics	3(2-3)			2
11	EKO100	General Economy	3(2-2)		1	
12	KPM130	General Sociology	3(2-2)			2
13	AGB100	Entrepreneurship	1(1-0)			2
Sub total			31			
Interdept courses						
1	FPT101	Introduction Animal Sciences	2(2-0)			2
2	GFM221	Climatology	2(2-0)		3	
3	STK211	Method of Statistics	3(2-3)		3	
4	PTP341	Animal Genetics	3(2-3)		3	
5	PTP231	Technology of Poultry Production	3(2-3)			4
6	PTP221	Technology of Meat Animal Production	3(2-3)			4
7	PTP211	Technology of Dairy Production	3(2-3)			4
8	FKH301	Management of Tropical Animal Health	3(2-3)		5	
9	KRP331	Reproduction Science and Technology	3(2-3)			6
Sub total			26			
Mayor Courses						
1	NTP225	Nutrition Biochemistry	3(2-3)			2
2	NTP231	Principle to Animal Nutrition	3(2-3)		3	
3	NTP222	Nutrition Physiology	3(2-3)		3	
4	NTP211	Feedstuffs	3(2-3)		3	
5	NTP243	Principle to Pasture Management	3(2-3)		3	
6	NTP312	Feed Processing Technology	3(2-3)			4
7	NTP332	Poultry Nutrition	3(2-3)			4
8	NTP333	Dairy Nutrition	3(2-3)			4
9	NTP334	Meat Animal Nutrition	3(2-3)			4
10	NTP345	Introduction to Feed Plant Physiology	2(1-3)			4
11	NTP394	Feeding System	3(2-3)			4
12	NTP446	Pasture Management	3(2-3)		5	
13	NTP415	Storage and Warehousing	2(2-0)		5	
14	NTP337	Draught and Sport Animal Nutrition	3(2-3)		5	
15	NTP339	Feed FormulationTechnique	3(2-3)		5	

16	NTP313	Feed Industry	3(2-3)		5	
17	NTP393	Research Methodology and Experimental Design	3(2-3)		5	
18	NTP244	Pasture Ecology	3(2-3)			6
19	NTP224	Nutrition Microbiology	3(2-3)			6
20	NTP416	Feedmill Management	3(2-3)			6
21	NTP438	Nutrition of Various Animal	2(2-0)		5	
22	NTP392	Laboratory Technique of Nutrition and Feed	2(1-3)			6
23	NTP497	Field Work	2(0-4)		5	
24	NTP417	Feed Policy and Quality Control	3(2-3)			6
25	NTP443	Forage Planning and Providing	3(2-3)		7	
26	NTP391	Technology Application of Nutrition and Feed	2(1-3)		7	
27	NTP498	Seminar	1(0-1)		7	8
28	NTP499	Thesis	6(0-6)		7	8
Sub total			77			
Supporting Course						
1	FPT401	Ivestock Education and Communication	3(2-3)			6
2	FPT406	Livestock Logistics	3(2-3)		7	
3	FPT405	Livestock Bussiness	3(2-3)		7	