UNDERGRADUATE PROGRAM–PHARMACEUTICAL STUDY PROGRAM

No	Courses		Course Load (credits)			
	Code	Name	Lecture	Tutorial	Practicum	Total
1	**2**	**3**	**4**	**5**	**6**	**7**
SEMESTER 1						
1	SIP107	Data and References	2	-	-	2
2	AGI101	Islam I	2	-	-	2
	AGK101	Catholic Religion I				
	AGP101	Protestant Christianity I				
	AGH101	Hinduism I				
	AGB101	Buddhism I				
3	NOP101	Pancasila	2	-	-	2
4	NOP104	Civics Education	2	-	-	2
5	BAI101	Indonesian Language	2	-	-	2
6	KMU103	Health Communications and Basic Health Services	2	-	-	2
7	ETM101	Health Ethics and Law	2	-	-	2
8	BID110	Cellular and Molecular Biology	2	-	-	2
9	KID111	Basic Pharmaceutical Chemistry	2	-	-	2
	KID112	Basic Pharmaceutical Chemistry (practicum)	-	-	1	1
Total Course Load in Semester 1			**18**	**-**	**1**	**19**
ECTS			**28,8**	**-**	**1,6**	**30,4**

No	Courses		Course Load (credits)			
	Code	Name	Lecture	Tutorial	Practicum	Total
1	**2**	**3**	**4**	**5**	**6**	**7**
SEMESTER 2						
1	PHP103	Logic and Critical Thinking	2	-	-	2
2	MNM107	Introduction to Scientific Collaboration	2	-	-	2
3	MNM106	Communication and Personal Development	2	-	-	2
4	FAM101	Fundamentals Pharmacy	2	-	-	2
5	FAT102	Biomedical Science	5	-	-	5
6	KIF201	Physical Chemistry	2	-	-	2
	KIF206	Physical Chemistry (practicum)	-	-	1	1
7	FAB101	Pharmaceutical Botany	1	-	-	1
	FAB102	Pharmaceutical Botany (practicum)	-	-	1	1
8	KIO105	Pharmaceutical Organic Chemistry I	2	-	-	2
Total Course Load in Semester 2			**18**	**-**	**2**	**20**
ECTS			**28,8**	**-**	**3,2**	**32**

No	Courses		Course Load (credits)			
	Code	Name	Lecture	Tutorial	Practicum	Total
1	**2**	**3**	**5**	**6**	**7**	**8**
SEMESTER 3						
1	FAM204	Pharmacy Practice I	2	-	-	2
	FAM205	Pharmacy Practice I (practicum)	-	-	1	1
2	FAT216	Pharmacology and Toxicology	2	-	-	2
	FAT217	Pharmacology and Toxicology (practicum)	-	-	1	1
3	FAF301	Biopharmaceuticals	2	-	-	2
4	FAF201	Physical Pharmacy	2	-	-	2
	FAF214	Physical Pharmacy (practicum)	-	-	2	2
5	KIA216	Analytical Chemistry	2	-	-	2
	KIA217	Analytical Chemistry (practicum)	-	-	2	2
6	FAB211	Pharmacognosy	2	-	-	2
	FAB212	Pharmacognosy (practicum)	-	-	1	1
7	KIO207	Pharmaceutical Organic Chemistry II	2	-	-	2
Total Course Load in Semester 3			**14**	**-**	**7**	**21**
ECTS			**22,4**	**-**	**11,2**	**33,6**

No	Courses		Course Load (credits)			
	Code	Name	Lecture	Tutorial	Practicum	Total
1	**2**	**3**	**5**	**6**	**7**	**8**
SEMESTER 4						
1	FAT226	Pharmacotherapy I	2	-	-	2
	FAT227	Pharmacotherapy I Tutorials	-	1	-	1
2	FAK201	Pharmacokinetics	3	-	-	3
	FAK202	Pharmacokinetics (practicum)	-	-	1	1
3	FAF216	Drug Delivery Design and Technology I	2	-	-	2
	FAF217	Drug Delivery Design and Technology I (practicum)	-	-	2	2
4	KIA214	Pharmaceutical Analysis	3	-	-	3
	KIA215	Pharmaceutical Analysis (practicum)	-	-	2	2
5	BIT302	Pharmaceutical Biotechnology	2	-	-	2
6	KIO208	Preparative Organic Chemistry	-	-	2	2
7		Elective	2	-	-	2
Total Course Load in Semester 4			**14**	**1**	**7**	**22**
ECTS			**22,4**	**1,6**	**11,2**	**35,2**

No	Courses		Course Load (credits)			
	Code	Name	Lecture	Tutorial	Practicum	Total
1	**2**	**3**	**5**	**6**	**7**	**8**
SEMESTER 5						
1	FAM302	Social Pharmacy	1	-	-	1
2	FAM406	Social Pharmacy (practicum)	-	-	2	2
3	FAT328	Pharmacotherapy II	2	-	-	2
	FAT329	Pharmacotherapy II Tutorial	-	1	-	1
4	FAF304	Drug Delivery Design and Technology II	3	-	-	3
5	FAF305	Drug Delivery Design and Technology II (practicum)	-	-	2	2
6	FAB303	Phytochemistry	2	-	0	2
	FAB306	Phytochemistry (practicum)	-	-	1	1
7	KIM301	Medicinal Chemistry	2	-	-	2
8	KIM302	Medicinal Chemistry (practicum)	-	-	1	1
9	FAB313	Traditional and Complementary Medicine	1	1	0	2
10		Elective	2	-	-	2
Total Course Load in Semester 5			**13**	**2**	**6**	**21**
ECTS			**20,8**	**3,2**	**9,6**	**33,6**

No	Courses		Course Load (credits)			
	Code	Name	Lecture	Tutorial	Practicum	Total
1	**2**	**3**	**5**	**6**	**7**	**8**
SEMESTER 6						
1	KNF401	Field Application and Practices	-	-	3	3
2	FAM304	Pharmacy Practice II	-	-	2	2
3	FAT331	Pharmacotherapy III	2	-	-	2
	FAT332	Pharmacotherapy III Tutorial	-	1	-	1
4	FAF306	Drug Delivery Design and Technology III	2	-	-	2
	FAF307	Drug Delivery Design and Technology III (practicum)	-	-	2	2
5	FAB304	Phytopharmacy	2	-	-	2
	FAB307	Phytopharmacy (practicum)	-	-	1	1
6		Elective	2	-	-	2
Total Course Load in Semester 6			**8**	**1**	**8**	**17**
ECTS			**12,8**	**1,6**	**12,8**	**27,2**

No	Courses		Course Load (credits)			
	Code	Name	Lecture	Tutorial	Practicum	Total
1	**2**	**3**	**5**	**6**	**7**	**8**
SEMESTER 7						
1	PNF498	Research Proposal	1	1	-	2
2	AGI401	Islam II	2	-	-	2
	AGK401	Catholic Religion II				
	AGP401	Protestant Christianity II				
	AGH401	Hindu Religion II				
	AGB401	Buddhism II				
3	FAM406	Pharmacy Practice III	-	2	-	2
4	FAM407	Pharmacy Practice III (practicum)	-	-	2	2
5	FAI401	Pharmaceutical Manufacture	-	2	-	2
6		Elective	2	-	-	2
Total Course Load in Semester 7			**5**	**5**	**2**	**12**
ECTS			**8**	**8**	**3,2**	**19,2**

No	Courses		Course Load (credits)			
	Code	Name	Lecture	Tutorial	Practicum	Total
1	**2**	**3**	**5**	**6**	7	**8**
	SEMESTER 8					
1	PNF499	Final Project	-	-	6	6
2	MNS412	Pharmaceutical Management	2	2	-	4
3		Elective	2	-	-	2
Total Course Load in Semester 8			**4**	**2**	**6**	**12**
ECTS			**6,4**	**3,2**	**9,6**	**19,2**
TOTAL COURSE LOAD OF BACHELOR DEGREE PROGRAMME (credits)			**94**	**11**	**39**	**144**
ECTS			**150,4**	**17,6**	**62,4**	**230,4**

PROFESSIONAL EDUCATION PROGRAMME – PHARMACY PROFESSIONAL EDUCATION STUDY PROGRAM

SEMESTER 9 - SEMESTER 10						
No	**Courses**		**Course Load (credits)**			**Total**
	Code	**Block Name**	**Lecture**	**Tutorial**	**Practicum**	
1	**2**	**3**	**4**	**5**	**6**	**7**
Pharmacy Industry						
1	FAF502	Quality Management	2	-	-	2
2	MNG501	Production Management	2	-	-	2
3	KLF509	Pharmacist Professional Fieldwork Practice: Pharmaceutical Industry	-	-	8	8
SUB-TOTAL			**4**	**-**	**8**	**12**
Hospital Pharmacy						
4	FAK501	Applied Pharmacokinetics	2	-	-	2
5	FAT501	Applied Pharmacotherapy	2	-	-	2
6	KLF508	Pharmacist Professional Fieldwork Practice: Hospital Pharmacy	-	-	8	8
SUB-TOTAL			**4**	**-**	**8**	**12**
Community Pharmacy						
7	FAF501	Specialities for Drugs and Medical Devices	2	-	-	2
8	AKK503	Accounting	1	-	-	1
9	KLF508	Pharmacist Professional Fieldwork Practice: Community	-	-	8	8
SUB-TOTAL			**3**	**-**	**8**	**11**
10	KLF512	National Pharmacist Competency Examination	**-**	**2**	**-**	**2**
TOTAL PROFESSIONAL DEGREE PROGRAMME COURSE LOAD (credits)			**11**	**2**	**24**	**37**
ECTS			**17,6**	**3,2**	**38,4**	**59,2**