

Courses

This table aims to give detailed information related to the subjects the students need to take every semester

Semester 1

No	Subject	Credit	Status (Compulsory/Elective)	Prerequisite
1	An In-depth Understanding on the Core Values of Islam (PNDI)*	20 SKP	Compulsory	-
2	Quran-based Self Development*	20 SKP	Compulsory	-
3	Fundamental of Islamic Studies	2	Compulsory	-
4	State Philosophy	2	Compulsory	-
5	Civics education	2	Compulsory	-
6	English for Pharmaceutical Sciences	2	Compulsory	-
7	Organic Chemistry	3	Compulsory	-
8	Basic Pharmaceutical Chemistry	2	Compulsory	-
9	Practical on Basic Pharmaceutical Chemistry	1	Compulsory	-
10	Medicinal Plants and Simplicia	2	Compulsory	-
11	Practical on Medicinal Plants and Simplicia	1	Compulsory	-

Semester 2

No	Subject	Credit	Status (Compulsory/Elective)	Prerequisite
1	Bahasa Indonesia for Academic Communication	2	Compulsory	-
2	Islam Ulil Albab	3	Compulsory	Fundamental of Islamic Studies
3	Practical on Pharmaceutical Compounding	1	Compulsory	Pharmaceutical Compounding
4	Biochemistry	3	Compulsory	Organic Chemistry

5	Human Anatomy and Physiology	3	Compulsory	-
6	Pharmaceutical Analysis	2	Compulsory	Basic Pharmaceutical Chemistry
7	Practical on Pharmaceutical Analysis	1	Compulsory	Basic Pharmaceutical Chemistry
8	Pharmacognosy and Traditional Medicine	2	Compulsory	Medicinal Plants and Simplicia
9	Practical on Pharmacognosy and Traditional Medicine	1	Compulsory	Medicinal Plants and Simplicia
10	Physical Pharmacy	2	Compulsory	Basic Pharmaceutical Chemistry
11	Practical on Physical Pharmacy	1	Compulsory	Basic Pharmaceutical Chemistry

Semester 3

No	Subject	Credit	Status (Compulsory/Elective)	Prerequisite
1	Preformulation of Dosage Form	2	Compulsory	Physical Pharmacy
2	Clinical Chemistry	1	Compulsory	Biochemistry
3	Molecular Biology and Genetics	2	Compulsory	Biochemistry
4	Basics Pathology	2	Compulsory	Human Anatomy and Physiology
5	<i>Islam as Mercy to the World</i>	3	Compulsory	<i>Islam Ulil Albab</i>
6	Pharmacology	3	Compulsory	Biochemistry
7	Microbiology and Parasitology	3	Compulsory	Biochemistry
8	Practical on Preformulation of Dosage Form	1	Compulsory	Physical Pharmacy
9	Practical on Clinical Chemistry and Molecular Diagnostics	3	Compulsory	Biochemistry

Semester 4

No	Subject	Credit	Status (Compulsory/Elective)	Prerequisite
1	Fundamental of Pharmacokinetics	3	Compulsory	Pharmacology
2	Formulation and Technology of Dosage Forms 1	2	Compulsory	Preformulation of Dosage Form
3	Basic Concepts of Therapy	2	Compulsory	Pharmacology
4	Immunology	2	Compulsory	Microbiology and Parasitology
5	Medicinal Chemistry	2	Compulsory	Pharmacology
6	Pharmacy Dispensing	2	Compulsory	Practical on Pharmaceutical Compounding
7	Pharmaceutical Dosage Forms Analysis	3	Compulsory	Pharmaceutical Analysis
8	Practical on Pharmacology	1	Compulsory	Pharmacology
9	Practical on Formulation and Technology of Dosage Forms 1	1	Compulsory	Preformulation of Dosage Form
10	Practical on Pharmaceutical Dosage Forms Analysis	1	Compulsory	Practical on Pharmaceutical Analysis
11	Practical on Microbiology and Parasitology	1	Compulsory	Microbiology and Parasitology

Semester 5

No	Subject	Credit	Status (Compulsory/Elective)	Prerequisite
1	Applied Pharmacokinetics	2	Compulsory	
2	Research Methods and Biostatistics	2	Compulsory	
3	Formulation and Technology of Dosage Forms 2	2	Compulsory	
4	Natural Products Chemistry and Drug Discovery	2	Compulsory	

5	Pharmacotherapy 1	2	Compulsory	
6	Pharmacotherapy 2	2	Compulsory	
7	Sharia Entrepreneurship	2	Compulsory	
8	Health Promotion	2	Compulsory	
9	Practical on Pharmacokinetics	1	Compulsory	
10	Practical on Pharmacy Dispensing	1	Compulsory	
11	Practical on Pharmacotherapy 1	1	Compulsory	
12	Practical on Natural Products Chemistry and Drug Discovery	1	Compulsory	
13	Practical on Formulation and Technology of Dosage Forms 2	1	Compulsory	

Semester 6

No	Subject	Credit	Status (Compulsory/Elective)	Prerequisite
1	Drug Information and Counseling Services	3	Compulsory	Basic Concepts of Therapy
2	Practical on Drug Information and Counseling Services	1	Compulsory	Basic Concepts of Therapy
3	Pharmaceutical Supplies Management	3	Compulsory	Pharmacy Dispensing
4	Drug Development from Natural Resources	2	Compulsory	Natural Material Chemistry and Drug Discovery
5	Practical on Drug Development from Natural Resources	1	Compulsory	Practical Chemistry of Natural Materials and Drug Discovery
6	Supporting Management	2	Compulsory	Pharmacy Dispensing
7	Elective Course 1	3	Elective	
8	Elective Course 2	3	Elective	
9	Elective Course 3	3	Elective	

Semester 7

No	Subject	Credit	Status (Compulsory/Elective)	Prerequisite
1	Pharmacotherapy 3	3	Compulsory	Basic Concepts of Therapy
2	Pharmacotherapy 4	3	Compulsory	Basic Concepts of Therapy
3	Pharmacotherapy 5	3	Compulsory	Basic Concepts of Therapy
4	Pharmacy Ethics and Law	2	Compulsory	Pharmacy Dispensing
5	Pharmacoeconomics	2	Compulsory	Basic Concepts of Therapy
6	Pharmaceutical Industry	2	Compulsory	Formulation and Technology of Dosage Forms 2
7	Practical on Pharmaceutical Industry	1	Compulsory	Practical on Formulation and Technology of Dosage Forms 2
8	Practical on Pharmacotherapy 2	1	Compulsory	Practical on Pharmacotherapy 1
9	Practical on Pharmaceutical Supplies Management	1	Compulsory	Pharmaceutical Supplies Management
10	Research Proposal	1	Compulsory	<ul style="list-style-type: none">- Research Methods and Biostatistics, with minimum D- Passing \geq 110 credits- Cumulative GPA 2.25

Semester 8

No	Subject	Credit	Status (Compulsory/Elective)	Prerequisite
1	Community Service	2	Compulsory	<ul style="list-style-type: none">- Sharia Entrepreneurship , with minimum D- Passing \geq 100 credits- Cumulative GPA \geq 2.00
2	Final Research Project	5	Compulsory	Passing \geq 120 credits; when submitting thesis exam, students should have been declared as passing graduation clearance

Elective Courses

No	Subject	Credit	Prerequisite
1	Drug and Pharmaceutical Supplies Registration	3	Pharmacology
2	Digital Marketing	3	English for Pharmaceutical Science
3	Halal Assurance of Pharmaceutical Products	3	Pharmaceutical Dosage Forms Analysis
4	Emergency First Aid	3	Basic Concepts of Therapy
5	Digital Health Literacy	3	Basic Concepts of Therapy
6	Nutrition and Diet Therapy	3	Biochemistry
7	Clinical Trials of Herbal Medicine	3	Pharmacology
8	Prophetic Medicine	3	Pharmaceutical Compounding
9	Natural Cosmetics and Aromatherapy	3	Formulation and Technology of Dosage Forms 2

10	Public Speaking	3	Health Promotion
11	Pharmaceutical Entrepreneurship	3	Sharia Entrepreneurship
12	Health Application Development	3	English for Pharmaceutical Science
13	English for Business and Management	3	English for Pharmaceutical Science
14	Pharmaceutical Biotechnology	3	Molecular Biology and Genetics

List of compulsory student activities for the Bachelor of Pharmacy

No	Activities	SKP	Learning Form
1	Islamic Basic Values Training	20	Pesantren-based learning and sustainable ta'lim
2	Qur'anic Personal Development Training	20	Pesantren-based learning and sustainable ta'lim
3	Career and Self Development Training	5	Islamic boarding school
4	Islamic Leadership and Da'wa Training	5	Islamic boarding school

List of selected student activities for the Bachelor of Pharmacy

No	Activities	SKP	Learning Form
1	Scientific research development workshop	2	Workshop
2	English language skills development workshop	2	Workshop
3	Pharmaceutical entrepreneurship workshop	2	Workshop
4	Mental Health Strengthening Training	1	Training
5	Scientific publication workshop	1	Workshop
6	Community service with lecturers	2	Community service