

## COURSES of MASTER in PHARMACY BY RESEARCH

**Our Master of Pharmacy program at the Department of Pharmacy is designed to give students the tools they need to make significant contributions to the fields of pharmacy community and practice, pharmaceuticals, clinical pharmacy, and drug discovery.**

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	Scientific Writing	2	Compulsory	-
2	Biostatistics and Big Data	2	Compulsory	-
3	Research Methodology and Thesis Management	2	Compulsory	-
4	Islam Ulil Albab	2	Compulsory	-
5	Thesis-supporting Courses	4	Compulsory	-
6	Preliminary Research	4	Compulsory	-

### Semester 2

No	Subject	Credit	Status (Compulsory/Elective)	Prerequisite
1	Research proposal	4	Compulsory	-
2	Research	8	Compulsory	-

### Semester 3

No	Subject	Credit	Status (Compulsory/Elective)	Prerequisite
1	Publication	8	Compulsory	-

### Semester 4

No	Subject	Credit	Status (Compulsory/Elective)	Prerequisite
1	Thesis	6	Compulsory	Already finish the theory

## Master of Pharmacy by course

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	<i>Scientific Writing</i>	2	Compulsory	-
2	<i>Biostatistics and Big Data</i>	2	Compulsory	-
3	<i>Research Methodology and Thesis Management</i>	2	Compulsory	-
4	<i>Molecular pharmacology</i>	3	Compulsory	-
5	<i>Islam Ulil Albab</i>	2	Compulsory	-
6	<i>Pharmacovigilance</i>	3	Compulsory	-
7	<i>Elective course</i>	4	Elective	-

### Semester 2

No	Subject	Credit	Status (Compulsory/Elective)	Prerequisite
1	<i>Ethics and Professionalism</i>	2	Compulsory	Islam Ulil Albab
2	<i>Drug Delivery System</i>	2	Compulsory	Molecular pharmacology
3	<i>Elective course</i>	12	Elective	

### Semester 3

No	Subject	Credit	Status (Compulsory/Elective)	Prerequisite
1	Research	5	Compulsory	Research methods & thesis management; Scientific writing; already gain 28 credits

### Semester 4

No	Subject	Credit	Status (Compulsory/Elective)	Prerequisite
1	Thesis and Publication	3	Compulsory	Already finish the theory