# 2014 Curriculum

Academics / 08 Mei 2017

## SEMESTER 1

| No | Course Code | Course Title | Credit | Work load hour | ECTS |
|---|---|---|---|---|---|
| 1 | BID101 | Basic Biology | 2 | 65 | 2.24 |
| 2 | PHF101 | Phylosophy of Pharmacy | 2 | 65 | 2.24 |
| 3 | KID105 | General Chemistry | 2 | 65 | 2.24 |
| 4 | KID106 | Practical work of General Chemistry | 1 | 65 | 2.24 |
| 5 | AGI101 | Religion (Islam) I | 2 | 65 | 2.24 |
| | AGK101 | Religion (Katholik) I | | | |
| | AGP101 | Religion (Kristen Protestan)I | | | |
| | AGH101 | Religion (Hindu) I | | | |
| | AGB101 | Religion (Budha) I | | | |
| 6 | NOP101 | Pancasila (State Ideology) | 2 | 65 | 2.24 |
| 7 | FID101 | Basic Physics | 2 | 65 | 2.24 |

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|---|---|---|---|---|---|
| 8 | FID102 | Practical work of Basic Physisc | 1 | 65 | 2.24 |
| 9 | BAI101 | Indonesian (Language Study) | 2 | 65 | 2.24 |
| 10 | MAS105 | Mathematics-statistics | 3 | 97.5 | 3.36 |
| **SUM** | | | **19** | **682.5** | **23.53** |

**TOTAL = 19 credit**

**SEMESTER 2**

| | | | | | |
|---|---|---|---|---|---|
| 1 | BIA206 | Anatomy-Histology | 1 | 32.5 | 1.12 |
| 2 | BIA207 | Practical work of Anatomy-Histology | 1 | 65 | 2.24 |
| 3 | FAB201 | Pharmaceutical Botany I | 1 | 32.5 | 1.12 |
| 4 | FAB203 | Practical work of Pharmaceutical Botany I | 1 | 65 | 2.24 |
| 5 | FAM201 | Prescription I | 3 | 97.5 | 3.36 |
| 6 | PSG101 | Human Behavior | 2 | 65 | 2.24 |
| 7 | KIF201 | Physical Chemistry | 2 | 65 | 2.24 |
| 8 | KIF206 | Practical work of Physical Chemistry | 1 | 65 | 2.24 |
| 9 | KIO201 | Organic Chemistry I | 2 | 65 | 2.24 |
| 10 | KIA101 | Analytical Chemistry | 3 | 97.5 | 3.36 |

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|---|---|---|---|---|---|
| 11 | KIA102 | Practical work of Analytical Chemistry | 2 | 130 | 4.48 |
| 12 | NOP104 | Civics Education | 2 | 65 | 2.24 |
| **SUM** | | | **21** | **845** | **29.14** |

**TOTAL = 21 credit**

Total 1st year credit = **40**

Total 1st year work load = **1527.5**

Total 1st year ECTS (1 ECTS equivalent to 28 work load hours) = **52.67**

**SEMESTER 3**

| | | | | | |
|---|---|---|---|---|---|
| 1 | BIK201 | Biochemistry | 2 | 65 | 2.24 |
| 2 | BIK203 | Practical work of Biochemistry | 1 | 65 | 2.24 |
| 3 | KDK210 | Physiology-pathophysiology | 4 | 130 | 4.48 |
| 4 | KDK212 | Practical work of Physiology-pathophysiology | 1 | 65 | 2.24 |
| 5 | FAB301 | Pharmaceutical Botany II | 1 | 32.5 | 1.12 |
| 6 | FAB308 | Practical work of Pharmaceutical Botany II | 1 | 65 | 2.24 |
| 7 | FAM202 | Prescription II | 1 | 32.5 | 1.12 |
| 8 | FAM203 | Practical work of Prescription II | 2 | 130 | 4.48 |
| 9 | KIO203 | Organics Chemistry II | 3 | 97.5 | 3.36 |

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| **SUM** | | | **16** | **682.5** | **23.53** |

**TOTAL = 16 credit**

**SEMESTER 4**

| | | | | | |
|---|---|---|---|---|---|
| 1 | BIM204 | Microbiology-Immunology-Parasitology | 4 | 130 | 4.48 |
| 2 | BIM211 | Practical work of Microbiology-Immunology-Parasitology | 1<br>2 | 65 | 2.24 |
| 3 | FAB302 | Pharmacognosy | 1 | 32.5 | 1.12 |
| 4 | FAB305 | Practical work of Pharmacognosy | 1 | 65 | 2.24 |
| 5 | FAF206 | Physical Pharmacy | 2 | 130 | 4.48 |
| 6 | FAM301 | Prescription III | 2 | 65 | 2.24 |
| 7 | KIO205 | Practical work of Synthesis Chemistry | 4 | 260 | 8.97 |
| 8 | KIA206 | Pharmaceutical Analysis I | 2 | 65 | 2.24 |
| 9 | KIA207 | Practical work of Pharmaceutical Analysis I | 2 | 130 | 4.48 |
| **SUM** | | | **21** | **942.5** | **32.5** |

**TOTAL = 21 credit**

Total 2nd year credit = **37**

Total 2nd year work load = **1625**

Total 2nd year ECTS (1 ECTS equivalent to 28 work load hours) = **56.03**

**SEMESTER 5**

| | | | | | |
|---|---|---|---|---|---|
| 1 | FAT301 | Pharmacology l - Toxicology I | 3 | 97.5 | 3.36 |
| 2 | FAF301 | Biopharmaceutics | 2 | 65 | 2.24 |
| 3 | FAF203 | Liquid Preparation Pharmaceutics | 2 | 65 | 2.24 |
| 4 | FAF208 | Practical work of Liquid Preparation Pharmaceutics | 2 | 130 | 4.48 |
| 5 | FAF202 | Solid Preparation Pharmaceutics | 2 | 65 | 2.24 |
| 6 | FAF207 | Practical work of Solid Preparation Pharmaceutics | 2 | 130 | 4.48 |
| 7 | MNS303 | Pharmaceutical Management | 2 | 65 | 2.24 |
| 8 | KIA307 | Pharmaceutical Analysis II | 3 | 97.5 | 3.36 |
| 9 | KIA308 | Practical work of Pharmaceutical Analysis II | 2 | 130 | 4.48 |
| 10 | FAB303 | Phytochemistry | 2 | 65 | 2.24 |
| 11 | FAB306 | Practical work of Phytochemistry | 1 | 65 | 2.24 |
| **SUM** | | | **23** | **975** | **33.85** |

**TOTAL = 23 credit**

**SEMESTER 6**

| | | | | | |
|---|---|---|---|---|---|
| 1 | FAT302 | Pharmacology - Toxicology II | 2 | 65 | 2.24 |
| 2 | FAT309 | Practical work of Pharmacology - Toxicology II | 1 | 65 | 2.24 |
| 3 | KDK203 | Clinical Pathology | 2 | 65 | 2.24 |
| 4 | BIT302 | Pharmaceutical Biotechnology | 2 | 65 | 2.24 |
| 5 | FAK401 | Pharmacokinetics | 2 | 65 | 2.24 |
| 6 | FAK402 | Practical work of Pharmacokinetics | 2 | 130 | 4.48 |
| 7 | FAF211 | Semisolid Preparation Pharmaceutics | 2 | 65 | 2.24 |
| 8 | FAF209 | Practical work of Semisolid Preparation Pharmaceutics | 1 | 65 | 2.24 |
| 9 | KNF401 | KKN-BBM | 3 | 390 | 13.45 |
| **SUM** | | | **17** | **975** | **33.62** |

**TOTAL = 17 credit**

Total 3rd year credit = **40**

Total 3rd year work load = **1950**

Total 3rd year ECTS (1 ECTS equivalent to 28 work load hours) = **67.47**

**SEMESTER 7**

| | | | | | |
|---|---|---|---|---|---|
| 1 | FAF212 | Sterile Preparation Pharmaceutics | 2 | 65 | 2.24 |
| 2 | FAF206 | Practical work of Sterile Preparation | 2 | 130 | 4.48 |

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|---|---|---|---|---|---|
| | | Pharmaceutics | | | |
| 3 | FAM403 | Community Pharmacy | 2 | 65 | 2.24 |
| 4 | FAM406 | Practical work of Community Pharmacy | 2 | 130 | 4.48 |
| 5 | KIM401 | Medicinal Chemistry | 3 | 97.5 | 3.36 |
| 6 | KIM403 | Practical work of Medicinal Chemistry | 1 | 65 | 2.24 |
| 7 | PNF497 | Research Methodology | 1 | 32.5 | 1.12 |
| 8 | PNF498 | Undergraduate Thesis Proposal | 1 | 32.5 | 1.12 |
| 9 | FAI301 | Pharmacy Service I (PBL) | 1 | 32.5 | 1.12 |
| 10 | FAI305 | Pharmaceutical Preparation Manufacture I (PBL) | 1 | 32.5 | 1.12 |
| 11 | FAT401 | Pharmacotherapy | 3 | 97.5 | 3.36 |
| 12 | FAB304 | Phytopharmacy | 2 | 65 | 2.24 |
| 13 | FAB307 | Practical work of Phytopharmacy | 1 | 65 | 2.24 |
| **SUM** | | | **22** | **910** | **31.38** |

**TOTAL = 22 credit**

**SEMESTER 8**

| | | | | | |
|---|---|---|---|---|---|
| 1 | SOK401 | Communication- Information- Education | 2 | 65 | 2.24 |
| 2 | FAM401 | Clinical Pharmacy | 2 | 65 | 2.24 |

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|---|---|---|---|---|---|
| 3 | AGI401 | Religion (Islam) II | 2 | 65 | 2.24 |
| | AGK401 | Religion (Katholik) II | | | |
| | AGP401 | Religion (Kristen Protestan) II | | | |
| | AGH401 | Religion (Hindu) II | | | |
| | AGB401 | Religion (Budha) II | | | |
| 4 | FAM402 | Prescription IV | 2 | 130 | 4.48 |
| 5 | FAI306 | Pharmaceutical Preparation Manufacture II (PBL) | 1 | 32.5 | 1.12 |
| 6 | FAI302 | Phamacy Service II (PBL) | 1 | 32.5 | 1.12 |
| 7 | PNF499 | Undergraduate Thesis | 5 | 325 | 11.21 |
| 8 | | Elective Course | 2 | 65 | 2.24 |
| **SUM** | | | **17** | **780** | **26.9** |

**TOTAL = 17 credit**

Total 4th year credit = **39**

Total 4th year work load = **1690**

Total 4th year ECTS (1 ECTS equivalent to 28 work load hours) = **58.28**

## ELECTIVE COURSE

| No | Course Code | Course Title | Credit | Work load hour | ECTS |
|---|---|---|---|---|---|
| 1 | NUF401 | Nutrition | 2 | 65 | 2.24 |
| 2 | BIT402 | Genetic Engineering Product | | | |
| 3 | KIA402 | Clinical Chemistry | | | |
| 4 | KIA305 | Forensic Chemistry | | | |
| 5 | KIA401 | Food Chemistry | | | |
| 6 | LKK301 | Enviromental Chemistry | | | |
| 7 | KII401 | Chemistry for Anorganik Drugs | | | |
| 8 | KIM402 | Drug Design | | | |
| 9 | FAF401 | Radio Pharmaceutics Preparation | | | |
| 10 | FAB401 | Tradicional Medicine | | | |
| 11 | PNF301 | Research Methodology on Pharmacy Practice | | | |
| 12 | MNP202 | Marketing | | | |
| 13 | KIO403 | Introduction to Drug Synthesis | | | |
| 14 | FAF302 | Cosmetics | | | |
| 15 | FAT418 | Drug Delivery System | | | |

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