

المنهج الدراسي 2020/2021

كلية بغداد للعلوم الطبية
قسم الصيدلة



First year / Credit hours: 33

First Semester

| Course title | Hours/week | | Credit Hours | Code |
|---------------------------------|------------|-----------|--------------|------|
| | Theory | Practical | | |
| Human biology | 2 | 2 | 3 | |
| Principles of Pharmacy Practice | 2 | ---- | 2 | |
| Analytical Chemistry | 3 | 2 | 4 | |
| Medical Terminology | 1 | ---- | 1 | |
| Mathematics and Biostatistics | 3 | ---- | 3 | |
| Computer Sciences | ---- | 2 | 1 | |
| English Language | 1 | ---- | 1 | |

Second Semester

| Course title | Hours/week | | Credit Hours | Code |
|-----------------------------|------------|-----------|--------------|------|
| | Theory | Practical | | |
| Human Anatomy | 1 | 2 | 2 | |
| Pharmaceutical Calculations | 2 | 2 | 3 | |
| Medical Physics | 2 | 2 | 3 | |
| Organic Chemistry I | 3 | 2 | 4 | |
| Histology | 2 | 2 | 3 | |
| Human Rights | 1 | ---- | 1 | |
| Computer Sciences | ---- | 2 | 1 | |
| English Language | 1 | ---- | 1 | |

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Second year/ Credit hours: 42

First Semester

| Course title | Hours/week | | Credit Hours | Code |
|------------------------|------------|-----------|--------------|------|
| | Theory | Practical | | |
| Organic Chemistry II | 3 | 2 | 4 | |
| Medical Microbiology I | 3 | 2 | 4 | |
| Physical Pharmacy I | 3 | 2 | 4 | |
| Physiology I | 3 | 2 | 4 | |
| Democracy | 1 | --- | 1 | |
| Computer Sciences | ---- | 2 | 1 | |
| English Language | 1 | ---- | 1 | |

Second Semester

| Course title | Hours/week | | Credit Hours | Code |
|-------------------------|------------|-----------|--------------|------|
| | Theory | Practical | | |
| Organic Chemistry III | 2 | 2 | 3 | |
| Medical Microbiology II | 3 | 2 | 4 | |
| Physical Pharmacy II | 3 | 2 | 4 | |
| Physiology II | 3 | 2 | 4 | |
| Pharmacognosy I | 3 | 2 | 4 | |
| Computer Sciences | ---- | 2 | 1 | |
| English Language | 1 | ---- | 1 | |
| Arabic Language | 2 | ----- | 2 | |

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Third year / Credit hours: 39

First Semester

| Course title | Hours/week | | Credit Hours | Code |
|------------------------------------|------------|-----------|--------------|------|
| | Theory | Practical | | |
| Inorganic Pharmaceutical Chemistry | 2 | 2 | 3 | |
| Pharmacognosy II | 2 | 2 | 3 | |
| Pharmaceutical Technology I | 3 | 2 | 4 | |
| Biochemistry I | 3 | 2 | 4 | |
| Pathophysiology | 3 | 2 | 4 | |
| English Language | 1 | ---- | 1 | |

Second Semester

| Course title | Hours/week | | Credit Hours | Code |
|----------------------------|------------|-----------|--------------|------|
| | Theory | Practical | | |
| Organic Pharm. Chemistry I | 3 | 2 | 4 | |
| Pharmacology I | 3 | ---- | 3 | |
| Pharm. Technology II | 3 | 2 | 4 | |
| Biochemistry II | 3 | 2 | 4 | |
| Pharmacognosy III | 2 | 2 | 3 | |
| Pharmacy Ethics | 1 | ---- | 1 | |
| English Language | 1 | ---- | 1 | |



Fourth year/ Credit hours: 36

First Semester

| Course title | Hours/week | | Credit Hours | Code |
|-----------------------------|------------|-----------|--------------|------|
| | Theory | Practical | | |
| Pharmacology II | 3 | 2 | 4 | |
| Organic Pharm. Chemistry II | 3 | 2 | 4 | |
| Clinical Pharmacy I | 2 | 2 | 3 | |
| Biopharmaceutics | 2 | 2 | 3 | |
| Public Health | 2 | ---- | 2 | |
| English Language | 1 | ---- | 1 | |

Second Semester

| Course title | Hours/week | | Credit Hours | Code |
|------------------------------|------------|-----------|--------------|------|
| | Theory | Practical | | |
| Pharmacology III | 2 | ---- | 2 | |
| Organic Pharm. Chemistry III | 3 | 2 | 4 | |
| Clinical Pharmacy II | 2 | 2 | 3 | |
| General Toxicology | 2 | 2 | 3 | |
| Industrial Pharmacy I | 3 | 2 | 4 | |
| Communication Skills | 2 | ---- | 2 | |
| English Language | 1 | ---- | 1 | |



Fifth year / Credit hours: 35

First Semester

| Course title | Hours/week | | Credit Hours | Code |
|-------------------------------------|------------|-----------|--------------|------|
| | Theory | Practical | | |
| Organic Pharm. Chemistry IV | 2 | ---- | 2 | |
| Industrial Pharmacy II | 3 | 2 | 4 | |
| Applied Therapeutics- I | 3 | ----- | 3 | |
| Clinical Chemistry | 3 | 2 | 4 | |
| Clinical Laboratory Training | ---- | 4 | 2 | |
| Clinical Toxicology | 2 | 2 | 3 | |
| Graduation project | 1 | ---- | 1 | |

Second Semester

| Course title | Hours/week | | Credit Hours | Code |
|--|------------|-----------|--------------|------|
| | Theory | Practical | | |
| Pharmacoeconomic | 2 | ---- | 2 | |
| Applied Therapeutics- II | 2 | ---- | 2 | |
| Therapeutic Drug Monitoring (TDM) | 2 | 2 | 3 | |
| Advanced Pharmaceutical Analysis | 3 | 2 | 4 | |
| Hospital Training | ---- | 4 | 2 | |
| Dosage Form Design | 2 | ---- | 2 | |
| Pharmaceutical Biotechnology | 1 | ---- | 1 | |

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Total Credit Hours: 185