



الخطة الدراسية لبرنامج ماجستير علوم المختبرات الإكلينيكية في الكيمياء السريرية

Study plan for Master of Clinical Laboratory Science in Clinical Chemistry

Department of Clinical Laboratory Science
College of Applied Medical Sciences



جامعة الإمام عبد الرحمن بن فيصل
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Master of Clinical Laboratory Science in Clinical chemistry

Explicatory study plan describing study schedule for each semester:

First semester

| Code No. | Course title | Credit hours |
|----------|----------------------------------|--------------|
| CLS 701 | Research Methodology | 3 |
| CLS 702 | Pathology of Diseases | 4 |
| CLS 704 | Student seminar-I | 1 |
| CLS 722 | Advanced Clinical Biochemistry-I | 2 |
| CLS 723 | Endocrinology & Metabolism | 2 |
| Total | | 12 |

Second Semester

| Code No. | Course title | Credit hours |
|----------|---|--------------|
| CLS 703 | Application of Biostatistics in Clinical Laboratory Science | 3 |
| CLS 705 | Student seminar-II | 1 |
| CLS 724 | Toxicology | 2 |
| CLS 725 | Analytical Methods in Clinical chemistry | 2 |
| CLS 726 | Clinical disorders | 2 |
| CLS 727 | Advanced Clinical chemistry-II | 2 |
| Total | | 12 |

Third and Fourth semester

| Code No. | Course title | Credit hours |
|----------|--------------|--------------|
| CLS 799 | Thesis | 6 |
| Total | | 6 |



Schedule specifying the Master of Clinical Laboratory Science in Clinical Chemistry

Study plan for each semester:

| Course and procedures | Credit | Semester | | | | |
|--|-----------|----------|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 |
| Admission Registration Orientation | | | | | | |
| Research Methodology | 3 | | | | | |
| Pathology of Diseases | 4 | | | | | |
| Student seminar-I | 1 | | | | | |
| Advanced Clinical Chemistry-I | 2 | | | | | |
| Endocrinology & Metabolism | 2 | | | | | |
| Application of Biostatistics in Clinical Laboratory Science | 3 | | | | | |
| Student seminar-II | 1 | | | | | |
| Toxicology | 2 | | | | | |
| Analytical Methods in Clinical chemistry | 2 | | | | | |
| Clinical disorders | 2 | | | | | |
| Advanced Clinical chemistry-II | 2 | | | | | |
| Thesis | 6 | | | | | |
| Total of credit hours | 30 | | | | | |