

# Study Guidance Plan for Medical Technology Students (Academic year 2015/2016) Study plan no. 8

## First year

| First Semester |                                 |              |                           |
|----------------|---------------------------------|--------------|---------------------------|
| Course Number  | Course Name                     | Credit Hours | Prerequisites             |
| 0202100        | English Language (1)            | 3            | .....                     |
| 0303101        | General Chemistry (1)           | 3            | .....                     |
| 0304101        | General Biology (1)             | 3            | .....                     |
| 0304103        | General Biology Laboratory (1)  | 1            | 0304101 or simultaneously |
| .....          | University Elective requirement | 3            | .....                     |
| .....          | University Elective requirement | 3            | .....                     |
| Total          |                                 | 16           |                           |

| Second Semester |                                 |              |                                     |
|-----------------|---------------------------------|--------------|-------------------------------------|
| Course Number   | Course Name                     | Credit Hours | Prerequisites                       |
| 0304102         | General Biology (2)             | 3            | 0304101                             |
| 0304104         | General Biology Laboratory (2)  | 1            | 0304102 & 0304103 or simultaneously |
| 0303102         | General Chemistry (2)           | 3            | 0303101                             |
| 0303106         | General Chemistry Laboratory    | 2            | 0303102 or simultaneously           |
| 0301100         | Arabic language (1)             | 3            | .....                               |
| .....           | University Elective requirement | 3            | .....                               |
| Total           |                                 | 15           |                                     |

## Second year

| First Semester |                                 |              |                           |
|----------------|---------------------------------|--------------|---------------------------|
| Course Number  | Course Name                     | Credit Hours | Prerequisites             |
| 0303234        | Organic Chemistry               | 3            | 0303102 & 0303106         |
| 0701241        | General Microbiology            | 3            | 0304101                   |
| 0701262        | Basic Human Anatomy             | 3            | 0304101 or simultaneously |
| 0701263        | Basic Human Anatomy Laboratory  | 1            | 0701262 or simultaneously |
| .....          | Department Elective requirement | 3            | .....                     |
| .....          | Free subject                    | 3            | .....                     |
| Total          |                                 | 16           |                           |

| Second Semester |                                 |              |                   |
|-----------------|---------------------------------|--------------|-------------------|
| Course Number   | Course Name                     | Credit Hours | Prerequisites     |
| 0701226         | Histology                       | 4            | 0304102           |
| 0701285         | Biostatistics                   | 3            | 0304101           |
| 0303212         | Analytical Chemistry (1)        | 3            | 0303106 & 0303102 |
| .....           | Department Elective requirement | 3            | .....             |
| .....           | University Elective requirement | 3            | .....             |
| Total           |                                 | 16           |                   |

## Third Year

| First Semester |                                 |              |                          |
|----------------|---------------------------------|--------------|--------------------------|
| Course Number  | Course Name                     | Credit Hours | Prerequisites            |
| 0701314        | Biochemistry                    | 3            | 0304101                  |
| 0701323        | Pathological Microtechniques    | 3            | 0701226                  |
| 0701325        | Instrumental Analysis           | 2            | 0304101                  |
| 0701364        | Human Physiology                | 3            | 0304101                  |
| 0701361        | Human Physiology Laboratory     | 1            | 701364 or simultaneously |
| .....          | University Elective requirement | 3            | .....                    |
| Total          |                                 | 15           |                          |

| Second Semester |                                 |              |               |
|-----------------|---------------------------------|--------------|---------------|
| Course Number   | Course Name                     | Credit Hours | Prerequisites |
| 0701313         | Hematology                      | 3            | 0701313       |
| 0701318         | Clinical Chemistry (1)          | 3            | 0701318       |
| 0701324         | Pathophysiology                 | 3            | 0701324       |
| 0701365         | Medical Parasitology            | 3            | 0701365       |
| .....           | Department Elective requirement | 3            | .....         |
| .....           | University Elective requirement | 3            | .....         |
| Total           |                                 | 18           |               |

| Summer Semester |                                 |              |               |
|-----------------|---------------------------------|--------------|---------------|
| Course Number   | Course Name                     | Credit Hours | Prerequisites |
| .....           | Department Elective requirement | 3            | .....         |
| .....           | University Elective requirement | 3            | .....         |
| Total           |                                 | 6            |               |

## Fourth Year

| First Semester |                                  |              |               |
|----------------|----------------------------------|--------------|---------------|
| Course Number  | Course Name                      | Credit Hours | Prerequisites |
| 0701411        | Quality Control                  | 3            | 0304101       |
| 0701413        | Clinical Chemistry (2)           | 3            | 0701318       |
| 0701414        | Blood Bank                       | 3            | 0701313       |
| 0701444        | Clinical Immunology              | 3            | 0701241       |
| 0701491        | Clinical Laboratory training (1) | 2            | DA*           |
| 0701492        | Clinical Laboratory training (2) | 2            | DA*           |
| 0701493        | Clinical Laboratory training (3) | 2            | DA*           |
| Total          |                                  | 18           |               |

| Second Semester |                                  |              |               |
|-----------------|----------------------------------|--------------|---------------|
| Course Number   | Course Name                      | Credit Hours | Prerequisites |
| 0701315         | Molecular Cell Biology           | 3            | 0304102       |
| 0701447         | Diagnostic Microbiology          | 4            | 0701241       |
| 0701469         | Endocrinology                    | 3            | 0701364       |
| 0701494         | Clinical Laboratory training (4) | 2            | DA*           |
| 0701495         | Clinical Laboratory training (5) | 2            | DA*           |
| 0701496         | Clinical Laboratory training (6) | 2            | DA*           |
| Total           |                                  | 16           |               |

\*DA: Departmental Approval