



# Republic of Iraq

Ministry of Higher Education and Scientific Research

**IRAQI AL AYEN UNIVERSITY**

**College of Health and Medical Technologies**



## Department of Optical Technologies

| The First Stage_ First Course |                              |                   |                      |                           |           |       |                 |
|-------------------------------|------------------------------|-------------------|----------------------|---------------------------|-----------|-------|-----------------|
| Subjects                      |                              | level<br>Material | language<br>Teaching | Number of weekly<br>hours |           |       | No .of<br>units |
|                               |                              |                   |                      | Theoretical               | Practical | Total |                 |
| 1                             | Anatomy of the head and neck | Specialized       | English              | 2                         | 4         | 6     | 4               |
| 2                             | Principles of Chemistry      | Auxiliary         | English              | 2                         | 2         | 4     | 3               |
| 3                             | Medical and optical physics1 | Specialized       | English              | 2                         | 2         | 4     | 3               |
| 4                             | Biological1                  | Auxiliary         | English              | 2                         | 2         | 4     | 3               |
| 5                             | Computer Principles1         | General           | English              | 1                         | 2         | 3     | 2               |
| 6                             | Human Rights and Democracy   | General           | Arabic               | 2                         | 0         | 2     | 2               |
| 7                             | English Language             | General           | English              | 2                         | 0         | 2     | 2               |
| Total                         |                              |                   |                      | 13                        | 12        | 25    | 19              |

## The First Stage\_ Second Course

| Subjects |                                 | level<br>Material | language<br>Teaching | Number of weekly<br>hours |           |       | No .of<br>units |
|----------|---------------------------------|-------------------|----------------------|---------------------------|-----------|-------|-----------------|
|          |                                 |                   |                      | Theoretical               | Practical | Total |                 |
| 1        | Anatomy of the<br>eye           | Specialized       | English              | 2                         | 4         | 6     | 4               |
| 2        | Biochemistry                    | Auxiliary         | English              | 2                         | 2         | 4     | 3               |
| 3        | Medical and<br>optical physics2 | Specialized       | English              | 2                         | 4         | 6     | 4               |
| 4        | Biological2                     | Auxiliary         | English              | 2                         | 4         | 6     | 4               |
| 5        | Computer<br>Principles2         | General           | English              | 1                         | 2         | 3     | 2               |
| 6        | Arabic Language                 | General           | Arabic               | 2                         | -         | 2     | 2               |
| Total    |                                 |                   |                      | 11                        | 16        | 27    | 19              |