

## 16. Study Plan: Total Credit Hours = 213 C.H

## First Year – First Semester

| No    | Course Code | English                                   | Arabic                      | Credit Hours |        |                   |                      | Prerequisite |
|-------|-------------|---|-----------------------------|--------------|--------|-------------------|----------------------|--------------|
|       |             |   |                             | Total        | Theory | Lab/<br>Practical | Clinical<br>Training |              |
| 1     |             | English Language (1)                      | اللغة الإنجليزية (1)        | 2            | 2      | ---               | ---                  | ---          |
| 2     |             | Arabic Language (1)                       | اللغة العربية (1)           | 2            | 2      | ---               | ---                  | ---          |
| 3     |             | Islamic Culture                           | الثقافة الإسلامية           | 2            | 2      | ---               | ---                  | ---          |
| 4     |             | National Education                        | الثقافة الوطنية             | 2            | 2      | ---               | ---                  | ---          |
| 5     |             | General Biology and Genetics              | علم الأحياء العامة والوراثة | 3            | 2      | 2                 | ---                  | ---          |
| 6     |             | General Anatomy and Embryology            | علم التشريح والاجنة         | 3            | 2      | 2                 | ---                  | ---          |
| 7     |             | Introduction and Terminology to Dentistry | مقدمة ومصطلحات طب الأسنان   | 2            | 2      | --                | ---                  | ---          |
| 8     |             | Dental Anatomy (1)                        | تشريح الأسنان (1)           | 3            | 2      | 2                 | ---                  | ---          |
| 9     |             | Medical physics                           | الفيزياء الطبية             | 3            | 2      | 2                 | ---                  | ---          |
| Total |             |   |                             | 22           | 18     | 8                 | ---                  |              |

## First Year – Second Semester

| No | Course Code | English                     | Arabic                       | Total Credit Hours |        |                   |                      | Prerequisite         |
|----|-------------|-----------------------------|------------------------------|--------------------|--------|-------------------|----------------------|----------------------|
|    |             |                             |                              | Total              | Theory | Lab/<br>Practical | Clinical<br>Training |                      |
| 1  |             | English Language (2)        | اللغة الإنجليزية (2)         | 2                  | 2      | ---               | ---                  | English Language (1) |
| 2  |             | Arabic Language (2)         | اللغة العربية (2)            | 2                  | 2      | ---               | ---                  | Arabic Language (1)  |
| 3  |             | Computer Skills             | مهارات الحاسوب               | 3                  | 2      | 2                 | ---                  | ---                  |
| 4  |             | Arab-Israel Conflict        | الصراع العربي الإسرائيلي     | 2                  | 2      | ---               | ---                  | ---                  |
| 5  |             | Law and Ethics in Dentistry | تشريعات واخلاقيات طب الأسنان | 2                  | 2      | ---               | ---                  | ---                  |
| 6  |             | General Chemistry           | الكيمياء العامة              | 3                  | 2      | 2                 | ---                  | ---                  |

|       |  |  |                                    |    |    |      |     |                              |
|-------|--|--|------------------------------------|----|----|------|-----|------------------------------|
| 7     |  | General Histology                                    | علم الأنسجة العام                  | 3  | 2  | 2    |     | Human Anatomy and Embryology |
| 8     |  | Dental Anatomy (2)                                   | تشريح الأسنان (2)                  | 3  | 2  | 2    | --- | Dental Anatomy (1)           |
| 9     |  | Principle Health Management and Communication Skills | أسس الإدارة الصحية ومهارات الاتصال | 2  | 2  | ---- | --- |                              |
| Total |  |  |                                    | 22 | 18 | 8    | --- |                              |

### Second Year – First Semester

| No    | Course Code | English                                     | Arabic                                | Total Credit Hours |        |                |                   | Prerequisite                 |
|-------|-------------|---|---------------------------------------|--------------------|--------|----------------|-------------------|------------------------------|
|       |             |   |                                       | Total              | Theory | Lab/ Practical | Clinical Training |                              |
| 1     |             | Biochemistry                                | الكيمياء الحيوية                      | 3                  | 2      | 2              | ---               | General Chemistry            |
| 2     |             | Human Physiology                            | علم وظائف الأعضاء                     | 2                  | 1      | 2              | ---               | --                           |
| 3     |             | Head and Neck Anatomy                       | تشريح الرأس والعنق                    | 3                  | 2      | 2              | ---               | Human Anatomy                |
| 4     |             | Infection control & Community Dental Health | السيطرة على العدوى وصحة أسنان المجتمع | 2                  | 2      |                | ---               |                              |
| 5     |             | Dental Materials (1)                        | المواد السنية (1)                     | 3                  | 2      | 2              | ---               | ---                          |
| 6     |             | Oral Histology and (1)                      | علم أنسجة الفم (1)                    | 2                  | 1      | 2              | ---               | General Anatomy              |
| 7     |             | Microbiology                                | اساسيات الاحياء الدقيقة               | 3                  | 2      | 2              | ---               | General Biology and Genetics |
| 8     |             | Removable Prosthodontics (1)                | الاستعاضة السنية المتحركة (1)         | 3                  | 2      | 2              | ---               | ---                          |
| 9     |             | Medical Psychology                          | علم النفس الطبي                       | 1                  | 1      | ---            | ---               |                              |
| Total |             |   |                                       | 22                 | 15     | 14             | ---               |                              |

### Second Year – Second Semester

| N | English | Arabic | Total Credit Hours | Prerequisite |
|---|---------|--------|--------------------|--------------|
|---|---------|--------|--------------------|--------------|

| o     | Course Code |                              |                               | Total | Theory | Lab/ Practical | Clinical Training |                                   |
|-------|-------------|------------------------------|-------------------------------|-------|--------|----------------|-------------------|-----------------------------------|
| 1     |             | Operative Dentistry (1)      | طب الأسنان التحفظي (1)        | 3     | 2      | 2              |                   |                                   |
| 2     |             | General Pathology            | علم الامراض العام             | 3     | 2      | 2              | ---               | General Histology                 |
| 3     |             | Anesthesia                   | تخدير                         | 1     | 1      |                |                   |                                   |
| 4     |             | Removable Prosthodontics (2) | الاستعاضة السنية المتحركة (2) | 3     | 2      | 2              | ---               | Removable Prosthodontics (1)      |
| 5     |             | General Surgery              | الجراحة العامة                | 2     | 2      | ---            | ----              | Human Anatomy & Physiology        |
| 6     |             | Immunology                   | علم الأمراض المناعية          | 2     | 2      | ----           | ----              | ----                              |
| 7     |             | Dental Materials (2)         | المواد السنية (2)             | 3     | 2      | 2              | ---               | Dental Materials (1)              |
| 8     |             | Oral Histology (2)           | علم أنسجة الفم (2)            | 2     | 1      | 2              | ---               | Oral Histology and Embryology (1) |
| 9     |             | Medical statistics           | الإحصاء الطبي                 | 2     | 2      |                |                   |                                   |
| Total |             |                              |                               | 21    | 16     | 10             | ---               |                                   |

### Third Year – First Semester

| No | Course Code | English                      | Arabic                        | Total Credit Hour |        |                |                   | Prerequisite            |
|----|-------------|------------------------------|-------------------------------|-------------------|--------|----------------|-------------------|-------------------------|
|    |             |                              |                               | Total             | Theory | Lab/ Practical | Clinical Training |                         |
| 1  |             | Pharmacology                 | علم الأدوية                   | 2                 | 2      | ---            | ---               | Biochemistry (2.1)      |
| 2  |             | Operative Dentistry (2)      | طب الأسنان التحفظي (2)        | 2                 | 1      | 2              | ----              | Operative Dentistry (1) |
| 3  |             | Fixed Prosthodontics (1)     | الاستعاضة السنية الثابتة (1)  | 3                 | 2      | 2              | ---               |                         |
| 4  |             | Endodontics (1)              | المعالجة اللبية (1)           | 3                 | 2      | 2              | ---               |                         |
| 5  |             | Oral Surgery (1)             | جراحة الفم (1)                | 3                 | 2      | 2              | ---               |                         |
| 6  |             | Oral Pathology (1)           | أمراض الفم (1)                | 2                 | 1      | 2              | ----              | Oral Histology          |
| 7  |             | Removable Prosthodontics (3) | الاستعاضة السنية المتحركة (3) | 3                 | 2      | 2              | ---               | Removable               |

|       |  |                           |             |    |    |      |      |                    |
|-------|--|---------------------------|-------------|----|----|------|------|--------------------|
|       |  |                           |             |    |    |      |      | Prosthodontics (2) |
| 8     |  | General internal Medicine | باطنية عامة | 2  | 2  | ---- | ---- | Human Physiology   |
| Total |  |                           |             | 20 | 14 | 12   |      |                    |

### Third Year – Second Semester

| No    | Course Code | English                      | Arabic                        | Total Credit Hours |        |                |                   | Pre requisites, Co-requisites |
|-------|-------------|------------------------------|-------------------------------|--------------------|--------|----------------|-------------------|-------------------------------|
|       |             |                              |                               | Total              | Theory | Lab/ Practical | Clinical Training |                               |
| 1     |             | Removable Prosthodontics (4) | الاستعاضة السنية المتحركة (4) | 2                  | 1      | 2              | ---               | Removable Prosthodontics (3)  |
| 2     |             | Oral Pathology (2)           | أمراض الفم (2)                | 2                  | 1      | 2              | ----              | Oral Pathology (1)            |
| 3     |             | Fixed Prosthodontics (2)     | الاستعاضة السنية الثابتة (2)  | 2                  | 1      | 2              | ---               | Fixed Prosthodontics (1)      |
| 4     |             | Oral Surgery (2)             | جراحة الفم (2)                | 2                  | 1      | 2              | ---               | Oral Surgery (1)              |
| 5     |             | Endodontics (2)              | المعالجة اللبية (2)           | 2                  | 1      | 2              | ---               | Endodontics (1)               |
| 6     |             | Forensic medicine            | الطب الشرعي                   | 2                  | 2      |                |                   |                               |
| 7     |             | Operative Dentistry (3)      | طب الأسنان التحفظي (3)        | 2                  | 1      | 2              |                   | Operative Dentistry (2)       |
| 8     |             | Oral Radiology               | اشعة الفم                     | 3                  | 2      | 2              |                   |                               |
| 9     |             | Digital dentistry (1)        | 1طب الأسنان الرقمي (1)        | 3                  | 2      | 2              |                   |                               |
| Total |             |                              |                               | 20                 | 12     | 16             |                   |                               |

### Fourth Year – First Semester

| No | Course Code | English           | Arabic                       | Total Credit Hours |        |                |                   | Pre requisites, Co-requisites |
|----|-------------|-------------------|------------------------------|--------------------|--------|----------------|-------------------|-------------------------------|
|    |             |                   |                              | Total              | Theory | Lab/ Practical | Clinical Training |                               |
| 1  |             | Oral Surgery (3)  | جراحة الفم (3)               | 2                  | 1      | ----           | 3                 | Oral Surgery (2)              |
| 2  |             | Oral Medicine (1) | طب الفم (1)                  | 3                  | 2      | ----           | 3                 | -----                         |
| 3  |             | Periodontics (1)  | أمراض الأنسجة الحول سنية (1) | 2                  | 1      | ----           | 3                 |                               |

|       |                                 |                                     |    |    |      |    |                                    |
|-------|---------------------------------|-------------------------------------|----|----|------|----|------------------------------------|
| 4     | Removable<br>Prosthodontics (5) | الاستعاضة السنية<br>المتحركة<br>(5) | 2  | 1  | ---- | 3  | Removable<br>Prosthodontics<br>(4) |
| 5     | Fixed<br>Prosthodontics (3)     | الاستعاضة السنية الثابتة<br>(3)     | 2  | 1  | ---- | 3  | Fixed<br>Prosthodontics<br>(2)     |
| 6     | Endodontics (3)                 | المعالجة اللبية (3)                 | 2  | 1  | ---- | 3  | Endodontics (2)                    |
| 7     | Pediatric Dentistry<br>(1)      | طب أسنان الأطفال (1)                | 2  | 1  | ---- | 3  |                                    |
| 8     | Operative Dentistry<br>(4)      | طب الأسنان التحفظي<br>(4)           | 2  | 1  | ---- | 3  | Operative<br>Dentistry (3)         |
| 9     | Orthodontics (1)                | تقويم الأسنان (1)                   | 2  | 1  |      | 3  | ----                               |
| 10    | Digital dentistry (2)           | 2طب الأسنان الرقمي )                | 3  | 2  |      | 3  | Digital dentistry<br>(1)           |
| Total |                                 |                                     | 22 | 12 |      | 30 |                                    |

#### Fourth Year – Second Semester

| No | Course Code | English                     | Arabic                             | Total Credit Hours |        |                   |                      | Pre requisites,<br>Co-requisites |
|----|-------------|-----------------------------|------------------------------------|--------------------|--------|-------------------|----------------------|----------------------------------|
|    |             |                             |                                    | Total              | Theory | Lab/<br>Practical | Clinical<br>Training |                                  |
| 1  |             | Oral Surgery (4)            | جراحة الفم (4)                     | 2                  | 1      | ----              | 3                    | Oral Surgery (3)                 |
| 2  |             | Oral Medicine (2)           | طب الفم (2)                        | 2                  | 1      | ----              | 3                    | Oral Medicine (1)                |
| 3  |             | Periodontics (2)            | أمراض الأنسجة الحول<br>سنية<br>(2) | 2                  | 1      | ----              | 3                    | Periodontics (1)                 |
| 4  |             | Orthodontics (2)            | تقويم الأسنان (2)                  | 2                  | 1      |                   | 3                    | Orthodontics (1)                 |
| 5  |             | Fixed Prosthodontics<br>(4) | الاستعاضة السنية الثابتة<br>(4)    | 2                  | 1      | ----              | 3                    | Fixed<br>Prosthodontics<br>(3)   |
| 6  |             | Endodontics (4)             | المعالجة اللبية (4)                | 2                  | 1      | ----              | 3                    | Endodontics (3)                  |
| 7  |             | Pediatric Dentistry<br>(2)  | طب أسنان الأطفال (2)               | 2                  | 1      | ----              | 3                    | Pediatric<br>Dentistry (1)       |
| 8  |             | Preventive Dentistry<br>(1) | طب الأسنان الوقائي<br>(1)          | 2                  | 1      | ----              | 3                    |                                  |
| 9  |             | Dental Implant (1)          | زراعة الأسنان (1)                  | 3                  | 2      |                   | 3                    |                                  |
| 10 |             | Aesthetics Dentistry<br>(1) | طب الأسنان التجميلي<br>(1)         | 2                  | 1      |                   | 3                    |                                  |

|       |    |    |  |    |  |
|-------|----|----|--|----|--|
| Total | 21 | 11 |  | 30 |  |
|-------|----|----|--|----|--|

| Fifth Year – First Semester |             |                                     |                              |                    |        |                   |                      |                                  |
|-----------------------------|-------------|-------------------------------------|------------------------------|--------------------|--------|-------------------|----------------------|----------------------------------|
| No                          | Course Code | English                             | Arabic                       | Total Credit Hours |        |                   |                      | Pre requisites,<br>Co-requisites |
|                             |             |                                     |                              | Total              | Theory | Lab/<br>Practical | Clinical<br>Training |                                  |
| 1                           |             | Oral Medicine (3)                   | طب الفم (3)                  | 2                  | 1      | ----              | 3                    | Oral Medicine (2)                |
| 2                           |             | Oral Surgery (5)                    | جراحة الفم (5)               | 2                  | 1      | ----              | 3                    | Oral Surgery (4)                 |
| 3                           |             | Orthodontics (3)                    | تقويم الأسنان (3)            | 2                  | 1      | ---               | 3                    | Orthodontics (2)                 |
| 4                           |             | Preventive Dentistry (2)            | طب الأسنان الوقائي (2)       | 2                  | 1      | ----              | 3                    | Preventive Dentistry (1)         |
| 5                           |             | Periodontics (3)                    | أمراض الأنسجة الحول سنية (3) | 2                  | 1      | ----              | 3                    | Periodontics (2)                 |
| 6                           |             | Pediatric dentistry (3)             | طب أسنان الأطفال (3)         | 2                  | 1      | ----              | 3                    | Pediatric Dentistry (2)          |
| 7                           |             | Comprehensive Clinical Practice (1) | علاج الأسنان الشامل (1)      | 5                  | 2      | ----              | 9                    | -----                            |
| 8                           |             | Aesthetics Dentistry (2)            | طب الأسنان التجميلي (2)      | 2                  | 1      |                   | 3                    | Aesthetics Dentistry (1)         |
| 9                           |             | Dental Implant (2)                  | 2(زرعة الأسنان )             | 3                  | 2      |                   | 3                    | Dental Implant (1)               |
| Total                       |             |                                     |                              | 22                 | 11     |                   | 33                   |                                  |

| Fifth Year – Second Semester |             |                                     |                              |                    |        |                   |                      |                                     |
|------------------------------|-------------|-------------------------------------|------------------------------|--------------------|--------|-------------------|----------------------|-------------------------------------|
| No                           | Course Code | English                             | Arabic                       | Total Credit Hours |        |                   |                      | Pre requisites,<br>Co-requisites    |
|                              |             |                                     |                              | Total              | Theory | Lab/<br>Practical | Clinical<br>Training |                                     |
| 1                            |             | Periodontics (4)                    | أمراض الأنسجة الحول سنية (4) | 2                  | 1      | ----              | 3                    | Periodontics (3)                    |
| 2                            |             | Pediatric Dentistry (4)             | طب أسنان الأطفال (4)         | 2                  | 1      | ----              | 3                    | Pediatric Dentistry (3)             |
| 3                            |             | Comprehensive Clinical Practice (2) | علاج الأسنان الشامل (2)      | 5                  | 2      | ----              | 9                    | Comprehensive Clinical Practice (1) |

|       |  |   |    |    |      |       |                    |
|-------|--|---|----|----|------|-------|--------------------|
| 4     | Orthodontics (4)                           | تقويم الأسنان (4)                           | 2  | 1  | ---- | 3     | Orthodontics (3)   |
| 5     | Medical emergency in dentistry             | طب طوارئ الاسنان                            | 2  | 1  | ---  | 3     |                    |
| 6     | Dental Implant (3)                         | زراعة الأسنان (3)                           | 3  | 2  |      | 3     | Dental Implant (2) |
| 7     | Occlusion and Temporomandibular Disorders  | الإطباق السني واعتلالات المفصل الفكي الصدغي | 1  | 1  | ---- | ----- | -----              |
| 8     | Geriatrics Dentistry                       | طب اسنان الشيخوخة                           | 1  | 1  |      |       |                    |
| 9     | Research Methodology & Graduation Research | مناهج البحث العلمي ومشروع بحث التخرج        | 3  | 2  | ---- | 3     | Medical statistics |
| Total |  |   | 21 | 12 |      | 27    |                    |