





# Study Plan for the Bachelor Degree in Dentistry

(FACULTY OF DENTISTRY)

## FIRST YEAR

| 1 <sup>st</sup> SEMESTER |                      |      |      |     | 2 <sup>nd</sup> SEMESTER |                       |      |      |     |
|--------------------------|----------------------|------|------|-----|--------------------------|-----------------------|------|------|-----|
| CODE                     | COURSE TITLE         | CRED | LECT | LAB | CODE                     | COURSE TITLE          | CRED | LECT | LAB |
| PENG 001                 | Prep English 1       | 3    | 20   | 0   | PENG 003                 | Prep English 3        | 3    | 20   | 0   |
| PENG 002                 | Prep English         | 3    | 20   | 0   | PENG 008                 | Prep English 4        | 3    | 20   | 0   |
| PBIO 121                 | Preparatory Biology  | 3    | 2    | 2   | PCHM 121                 | Preparatory Chemistry | 3    | 2    | 2   |
| PCOS 001                 | Prep Computer Skills | 2    | 2    | 0   | PMDC 101                 | Medical Foundations   | 2    | 2    | 0   |
| PCSK 001                 | Communication skills | 2    | 2    | 0   |                          |                       |      |      |     |
| PHYS 121                 | Medical Physics      | 3    | 2    | 2   |                          |                       |      |      |     |
| TOTAL (CREDIT)           |                      | 16   |      |     | TOTAL (CREDIT)           |                       | 11   |      |     |

  
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## SECOND YEAR

| 1 <sup>st</sup> SEMESTER |                                       |           |      |     |        |               |              |
|--------------------------|---------------------------------------|-----------|------|-----|--------|---------------|--------------|
| CODE                     | COURSE TITLE                          | CRED      | LECT | LAB | CLINIC | PRE-REQUISITE | CO-REQUISITE |
| DBS 212                  | Dental Anatomy                        | 2         | 1    | 1   | 0      | -             | -            |
| RDS 217                  | Dental Biomaterials                   | 2         | 1    | 1   | 0      | -             | -            |
| DBS 218                  | Human Anatomy                         | 3         | 2    | 1   | 0      | -             | -            |
| DBS 219                  | Human Physiology                      | 3         | 2    | 1   | 0      | -             | -            |
| DBS 225                  | Introduction to Basic dental Sciences | 1         | 1    | 0   | 0      | -             | -            |
| ETEC 115                 | Computer and Information              | 2         | 2    | 0   | 0      | -             | -            |
| EDUC 115                 | Work Values and Ethics                | 2         | 2    | 0   | 0      | -             | -            |
| ENGL 100                 | Advanced English Language             | 3         | 3    | 0   | 0      | -             | -            |
| <b>TOTAL CREDIT</b>      |                                       | <b>18</b> |      |     |        |               |              |

| 2 <sup>nd</sup> SEMESTER |                                |           |      |     |        |               |              |
|--------------------------|--------------------------------|-----------|------|-----|--------|---------------|--------------|
| CODE                     | COURSE TITLE                   | CRED      | LECT | LAB | CLINIC | PRE-REQUISITE | CO-REQUISITE |
| DBS 212                  | Dental Anatomy                 | 2         | 1    | 1   | 0      | -             | -            |
| RDS 217                  | Dental Biomaterials            | 2         | 1    | 1   | 0      | -             | -            |
| DBS 211                  | Biochemistry                   | 2         | 1    | 1   | 0      | -             | -            |
| DBS 218                  | Human Anatomy                  | 3         | 2    | 1   | 0      | -             | -            |
| DBS 214                  | General Histology & Embryology | 2         | 1    | 1   | 0      | -             | -            |
| DBS 219                  | Human Physiology               | 3         | 2    | 1   | 0      | -             | -            |
| ARAB 100                 | Arabic Language Skills         | 2         | 2    | 0   | 0      | -             | -            |
| IC 111                   | Islamic Culture                | 2         | 2    | 0   | 0      | -             | -            |
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## THIRD YEAR

| 1 <sup>st</sup> SEMESTER   |  |      |      |     |        |                  |              |
|----------------------------|--|------|------|-----|--------|------------------|--------------|
| CODE                       | COURSE TITLE   | CRED | LECT | LAB | CLINIC | PRE-REQUISITE    | CO-REQUISITE |
| DBS 323                    | Oral Biology & Histology   | 2    | 1    | 1   | 0      | DBS 214          | -            |
| OMF 314                    | Oral Radiology   | 2    | 1    | 1   | 0      | -                | -            |
| RDS 326                    | Preclinical Operative Dentistry                                  | 3    | 1    | 2   | 0      | DBS 212, RDS 217 | -            |
| RDS 327                    | Preclinical Removable Prosthodontics                             | 2    | 1    | 1   | 0      | RDS 217          | -            |
| DBS 321                    | Microbiology   | 2    | 1    | 1   | 0      | DBS 218, DBS 214 | -            |
| DBS 324                    | Pharmacology   | 1    | 1    | 0   | 0      | DBS 219          | -            |
| DBS 316                    | General Pathology  | 1    | 1    | 0   | 0      | DBS 214          | -            |
| PDS 313                    | Ethics in dentistry  | 1    | 1    | 0   | 0      | -                | -            |
| *PDS 314<br>Or<br>*PDS 322 | Health informatics<br>Or<br>Introduction to Preventive Dentistry | 2    | 2    | 0   | 0      | -                | -            |
| TOTAL CREDIT               |  | 16   |      |     |        |                  |              |

| 2 <sup>nd</sup> SEMESTER   |  |      |      |     |        |                    |              |
|----------------------------|--|------|------|-----|--------|--------------------|--------------|
| CODE                       | COURSE TITLE   | CRED | LECT | LAB | CLINIC | PRE-REQUISITE      | CO-REQUISITE |
| DBS 323                    | Oral Biology & Histology   | 2    | 1    | 1   | 0      | DBS 214            | -            |
| OMF 314                    | Oral Radiology   | 2    | 1    | 1   | 0      | -                  | -            |
| RDS 326                    | Preclinical Operative Dentistry  | 3    | 1    | 2   | 0      | DBS 212, RDS 217   | -            |
| RDS 327                    | Preclinical Removable Prosthodontics   | 2    | 1    | 1   | 0      | RDS 217            | -            |
| DBS 321                    | Microbiology   | 2    | 1    | 1   | 0      | DBS 218, DBS 214   | -            |
| DBS 313                    | Dental pharmacology  | 1    | 1    | 0   | 0      | DBS 324            | -            |
| DBS 316                    | General Pathology  | 1    | 1    | 0   | 0      | DBS 214            | -            |
| CRCL 115                   | University Life Skills   | 3    | 3    | 0   | 0      | -                  | -            |
| *RDS 328<br>Or<br>*OMF 316 | Introduction to Operative Dentistry<br>Or<br>Introduction to Laser Dentistry | 2    | 2    | 0   | 0      | PDS 314 or PDS 322 | -            |
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## FOURTH YEAR

| 1 <sup>st</sup> SEMESTER |                                   |      |      |     |        |                  |              |
|--------------------------|-----------------------------------|------|------|-----|--------|------------------|--------------|
| CODE                     | COURSE TITLE                      | CRED | LECT | LAB | CLINIC | PRE-REQUISITE    | CO-REQUISITE |
| DBS 422                  | Oral & Maxillofacial Pathology    | 2    | 1    | 1   | 0      | DBS 323, DBS 316 | -            |
| OMF 413                  | Oral Diagnosis & Oral Medicine    | 2    | 1    | 0   | 1      | DBS 323, OMF 314 | -            |
| PDS 416                  | Periodontics – 1                  | 2    | 1    | 0   | 1      | DBS 323          | -            |
| RDS 413                  | Clinical Operative Dentistry – 1  | 2    | 1    | 0   | 1      | RDS 326          | -            |
| RDS 424                  | Preclinical Endodontics           | 2    | 1    | 1   | 0      | RDS 326, RDS 217 | -            |
| RDS 415                  | Clinical Removable Prosthodontics | 2    | 1    | 0   | 1      | RDS 327          | -            |
| RDS 425                  | Preclinical Fixed Prosthodontics  | 2    | 1    | 1   | 0      | RDS 217, RDS 326 | -            |
| OMF 415                  | Pain control & exodontia          | 2    | 1    | 0   | 1      | DBS 313, OMF 314 | -            |
| DBS 415                  | General Surgery                   | 1    | 1    | 0   | 0      | DBS 321, DBS 316 | -            |
| TOTAL CREDIT             |                                   | 17   |      |     |        |                  |              |

| 2 <sup>nd</sup> SEMESTER |                                   |      |      |     |        |                  |              |
|--------------------------|-----------------------------------|------|------|-----|--------|------------------|--------------|
| CODE                     | COURSE TITLE                      | CRED | LECT | LAB | CLINIC | PRE-REQUISITE    | CO-REQUISITE |
| DBS 422                  | Oral & Maxillofacial Pathology    | 2    | 1    | 1   | 0      | DBS 323, DBS 316 | -            |
| OMF 413                  | Oral Diagnosis & Oral Medicine    | 2    | 1    | 0   | 1      | DBS 323, OMF 314 | -            |
| PDS 416                  | Periodontics – 1                  | 2    | 1    | 0   | 1      | DBS 323          | -            |
| RDS 413                  | Clinical Operative Dentistry – 1  | 2    | 1    | 0   | 1      | RDS 326          | -            |
| RDS 424                  | Preclinical Endodontics           | 2    | 1    | 1   | 0      | RDS 326, RDS 217 | -            |
| RDS 415                  | Clinical Removable Prosthodontics | 2    | 1    | 0   | 1      | RDS 327          | -            |
| RDS 425                  | Preclinical Fixed Prosthodontics  | 2    | 1    | 1   | 0      | RDS 217, RDS 326 | -            |
| OMF 415                  | Pain control & exodontia          | 2    | 1    | 0   | 1      | DBS 313, OMF 314 | -            |
| DBS 417                  | General Medicine                  | 1    | 1    | 0   | 0      | DBS 415, DBS 218 | -            |
| TOTAL CREDIT             |                                   | 17   |      |     |        |                  |              |

  
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## FIFTH YEAR

| 1 <sup>st</sup> SEMESTER   |  |      |      |     |        |                    |              |
|----------------------------|--|------|------|-----|--------|--------------------|--------------|
| CODE                       | COURSE TITLE   | CRED | LECT | LAB | CLINIC | PRE-REQUISITE      | CO-REQUISITE |
| PDS 519                    | Preclinical Pedodontics  | 2    | 1    | 1   | 0      | RDS 413, RDS 424   | -            |
| PDS 517                    | Periodontics - 2   | 2    | 1    | 0   | 1      | PDS 416            | -            |
| PDS 518                    | Preclinical Orthodontics   | 2    | 1    | 1   | 0      | OMF 314, DBS 323   | -            |
| RDS 514                    | Clinical Operative Dentistry - 2                                       | 2    | 1    | 0   | 1      | RDS 413            | -            |
| RDS 511                    | Clinical Endodontics   | 2    | 1    | 0   | 1      | RDS 424            | -            |
| RDS 512                    | Clinical Fixed Prosthodontics  | 2    | 1    | 0   | 1      | RDS 425            | -            |
| OMF 512                    | Oral and Maxillofacial Surgery   | 2    | 1    | 0   | 1      | OMF 415            | -            |
| *RDS 522<br>Or<br>*RDS 523 | Integrated digital dentistry<br>Or<br>Practice management in dentistry | 2    | 2    | 0   | 0      | RDS 328 or OMF 316 | -            |
| TOTAL CREDIT               |  | 16   |      |     |        |                    |              |

| 2 <sup>nd</sup> SEMESTER |  |      |      |     |        |                  |              |
|--------------------------|--|------|------|-----|--------|------------------|--------------|
| CODE                     | COURSE TITLE   | CRED | LECT | LAB | CLINIC | PRE-REQUISITE    | CO-REQUISITE |
| PDS 521                  | Research Methodology, Biostatistics & Evidence based dentistry | 2    | 1    | 1   | 0      | -                | -            |
| PDS 519                  | Preclinical Pedodontics  | 2    | 1    | 1   | 0      | RDS 413, RDS 424 | -            |
| PDS 517                  | Periodontics - 2   | 2    | 1    | 0   | 1      | PDS 416          | -            |
| PDS 518                  | Preclinical Orthodontics                                       | 2    | 1    | 1   | 0      | OMF 314, DBS 323 | -            |
| RDS 514                  | Clinical Operative Dentistry - 2                               | 2    | 1    | 0   | 1      | RDS 413          | -            |
| RDS 511                  | Clinical Endodontics   | 2    | 1    | 0   | 1      | RDS 424          | -            |
| RDS 512                  | Clinical Fixed Prosthodontics                                  | 2    | 1    | 0   | 1      | RDS 425          | -            |
| OMF 512                  | Oral and Maxillofacial Surgery                                 | 2    | 1    | 0   | 1      | OMF 415          | -            |
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## SIXTH YEAR

| 1 <sup>st</sup> SEMESTER   |   |           |      |     |        |  |              |
|----------------------------|---|-----------|------|-----|--------|--|--------------|
| CODE                       | COURSE TITLE                                    | CRED      | LECT | LAB | CLINIC | PRE-REQUISITE  | CO-REQUISITE |
| RDS 616                    | Comprehensive care clinics                      | 6         | 2    | 0   | 4      | RDS 514, RDS 511, RDS 512, RDS 415, OMF 512, PDS 517 | -            |
| PDS 612                    | Clinical Pedodontics                            | 2         | 1    | 0   | 1      | PDS 519  | -            |
| PDS 611                    | Clinical Orthodontics                           | 2         | 1    | 0   | 1      | PDS 518  | -            |
| PDS 615                    | Oral & dental public Health                     | 2         | 1    | 1   | 0      | PDS 521  | -            |
| OMF 611                    | Advanced Oral & Maxillofacial Surgery           | 2         | 1    | 0   | 1      | OMF 512  | -            |
| PDS 623                    | Research project - 1                            | 1         | 0    | 1   | 0      | PDS 521  | -            |
| *RDS 619<br>Or<br>*RDS 621 | Esthetic dentistry<br>Or<br>Geriatric dentistry | 2         | 2    | 0   | 0      | RDS 522 or RDS 523                                   | -            |
| <b>TOTAL CREDIT</b>        |   | <b>17</b> |      |     |        |  |              |


| 2 <sup>nd</sup> SEMESTER |                                       |           |      |     |        |  |              |
|--------------------------|---------------------------------------|-----------|------|-----|--------|--|--------------|
| CODE                     | COURSE TITLE                          | CRED      | LECT | LAB | CLINIC | PRE-REQUISITE  | CO-REQUISITE |
| RDS 616                  | Comprehensive care clinics            | 6         | 2    | 0   | 4      | RDS 514, RDS 511, RDS 512, RDS 415, OMF 512, PDS 517 | -            |
| PDS 612                  | Clinical Pedodontics                  | 2         | 1    | 0   | 1      | PDS 519  | -            |
| PDS 615                  | Oral & dental public Health           | 2         | 1    | 1   | 0      | PDS 521  | -            |
| OMF 611                  | Advanced Oral & Maxillofacial Surgery | 2         | 1    | 0   | 1      | OMF 512  | -            |
| RDS 618                  | Dental implantology                   | 2         | 1    | 1   | 0      | RDS 415, RDS 512, PDS 517, OMF 512                   | -            |
| PDS 624                  | Research project - 2                  | 2         | 2    | 1   | 0      | PDS 623  | -            |
| EDUC 125                 | Entrepreneurship                      | 2         | 2    | 0   | 0      | -  | -            |
| <b>TOTAL CREDIT</b>      |                                       | <b>18</b> |      |     |        |  |              |


**TOTAL CREDIT HOURS = 198**

**Credit hours are distributed as follows:-**

Credit hours of Preparatory year requirements – 27

Credit hours of Faculty of Dentistry courses – 171

  
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## **FOOTNOTES**

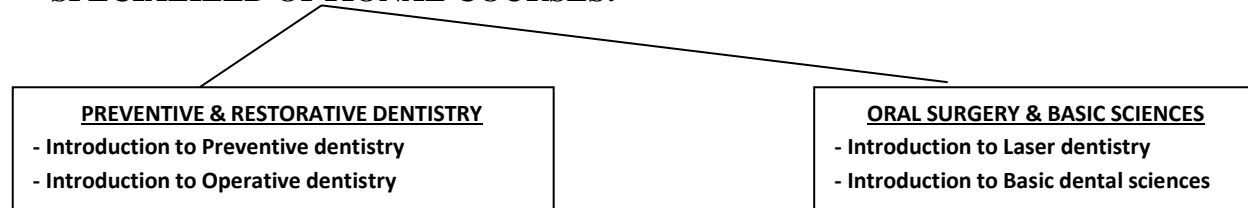
### **NEW COURSES ADDED TO CURRICULUM:-**

1. Practice management – elective course (Restorative dentistry)
2. Ethics in dentistry – required course (Preventive dentistry)
3. Geriatric dentistry - elective course (Restorative dentistry)
4. Health informatics - elective course (Preventive dentistry)
5. Integrated digital dentistry - elective course (Restorative dentistry)
6. Esthetic dentistry - elective course (Restorative dentistry)
7. Dental implantology - required course (Restorative dentistry)
8. Introduction to laser dentistry – elective course (Oral & maxillofacial surgery)
9. Introduction to Operative Dentistry – elective course (Restorative dentistry)
10. Introduction to Preventive dentistry - elective course (Preventive dentistry)
11. Introduction to Basic Dental Sciences – required course (Basic dental & medical sciences)
12. Research Project – required course (Preventive dentistry)
13. Advanced English language – required course (General)


### **\* NON-SPECIALIZED OPTIONAL COURSES: -**


- Total four (04) courses provided
- A student has to choose any two (02) out of these, provided they are separated by a full academic year.

### **\*\* SPECIALIZED OPTIONAL COURSES: -**



- Total four (04) courses provided
- A student has to choose one course from each of the combinations of dental specialties, provided they are separated by at least one semester of a full academic year.

  
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### **Restorative dental sciences (RDS):-**

|                                      |         |
|--------------------------------------|---------|
| Clinical Endodontics                 | RDS 511 |
| Clinical fixed prosthodontics        | RDS 512 |
| Clinical operative dentistry – 1     | RDS 413 |
| Clinical operative dentistry – 2     | RDS 514 |
| Clinical removable prosthodontics    | RDS 415 |
| Comprehensive care clinics           | RDS 616 |
| Dental biomaterials                  | RDS 217 |
| Dental implantology                  | RDS 618 |
| Esthetic dentistry                   | RDS 619 |
| Geriatric dentistry                  | RDS 621 |
| Integrated digital dentistry         | RDS 522 |
| Practice management in dentistry     | RDS 523 |
| Preclinical Endodontics              | RDS 424 |
| Preclinical fixed prosthodontics     | RDS 425 |
| Preclinical Operative dentistry      | RDS 326 |
| Preclinical removable prosthodontics | RDS 327 |
| Introduction to Operative Dentistry  | RDS 328 |

### **Preventive dental sciences (PDS): -**

|   |         |
|---|---------|
| Clinical orthodontics   | PDS 611 |
| Clinical pedodontics  | PDS 612 |
| Ethics in dentistry   | PDS 313 |
| Health informatics  | PDS 314 |
| Introduction to Preventive Dentistry                          | PDS 322 |
| Oral and dental public health                                 | PDS 615 |
| Periodontics – 1  | PDS 416 |
| Periodontics – 2  | PDS 517 |
| Preclinical orthodontics                                      | PDS 518 |
| Preclinical pedodontics                                       | PDS 519 |
| Research methodology, biostatistics & evidence-based medicine | PDS 521 |
| Research project – 1  | PDS 523 |
| Research project – 2  | PDS 524 |

  
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**Basic dental & medical sciences (DBS): -**


|                                       |         |
|---------------------------------------|---------|
| Biochemistry                          | DBS 211 |
| Dental anatomy                        | DBS 212 |
| Dental pharmacology                   | DBS 313 |
| General histology                     | DBS 214 |
| General medicine                      | DBS 415 |
| General pathology                     | DBS 316 |
| General surgery                       | DBS 417 |
| Human anatomy                         | DBS 218 |
| Human physiology                      | DBS 219 |
| Microbiology                          | DBS 321 |
| Oral & maxillofacial pathology        | DBS 422 |
| Oral biology & oral histology         | DBS 323 |
| Pharmacology                          | DBS 324 |
| Introduction to Basic Dental Sciences | DBS 325 |


**Oral & maxillofacial surgery and diagnostics sciences (OMF): -**

|                                       |         |
|---------------------------------------|---------|
| Advanced oral & maxillofacial surgery | OMF 611 |
| Oral & maxillofacial surgery          | OMF 512 |
| Oral diagnosis & oral medicine        | OMF 413 |
| Oral radiology                        | OMF 314 |
| Pain control & exodontia              | OMF 415 |
| Introduction to Laser Dentistry       | OMF 316 |

**Elective courses: -**

| Elective 1 (3 <sup>rd</sup> Yr, 1 <sup>st</sup> Semester) |         | Elective 2 (3 <sup>rd</sup> Yr, 2 <sup>nd</sup> Semester) |         |
|---|---------|---|---------|
| Health informatics  | PDS 314 | Introduction to Laser Dentistry                           | OMF 316 |
| Introduction to Preventive Dentistry                      | PDS 322 | Introduction to Operative Dentistry                       | RDS 328 |
| Elective 3 (5 <sup>th</sup> Yr)                           |         | Elective 4 (6 <sup>th</sup> Yr)                           |         |
| Integrated digital dentistry                              | RDS 522 | Esthetic dentistry  | RDS 619 |
| Practice management in dentistry                          | RDS 523 | Geriatric dentistry                                       | RDS 621 |

  
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