



RAK Medical and Health Sciences University
RAK College of Dental Sciences



Study Plan for BDS Program 2020

First Year Courses

| SEMESTER I | | | | | SEMESTER II | | | | |
|-----------------------|---|---|-----------|-------------------|-----------------------|--|--------------|-----------|----------------|
| Code | Title | Credit Hours | | End Sem. Exams | Code | Title | Credit Hours | | End Year Exams |
| | | Theory | Practical | | | | Theory | Practical | |
| ENG 101 | English | 3 | 0 | ENG 101 | ENG 201 | Health Science Communication Skills in English | 3 | 0 | ENG 201 |
| ARB 101 | Health Science Communication Skills in Arabic | 3 | 0 | ARB 101 | ICM 201 | Islamic Culture in Medicine | 3 | 0 | ICM 201 |
| CSK 101 | Computer Skills | 2 | 1 | CSK 101 | PSY 201 | Psychology & Behavioral Sciences | 3 | 0 | PSY 201 |
| DAH 106 | Anatomy - Head & Neck and Cell Biology | 2 | 1 | Continuous Course | DAH 106 | Anatomy - Head & Neck and Cell Biology | 2 | 1 | DAH 106 |
| DPH 106 | Physiology | 2 | 1 | Continuous Course | DPH 106 | Physiology | 2 | 1 | DPH 106 |
| DOB 106 | Oral Biology and Tooth Morphology | 2 | 1 | Continuous Course | DOB 106 | Oral Biology and Tooth Morphology | 2 | 1 | DOB 106 |
| DCO 101 | Clinical Orientation- 1 | Course will continue in both fall and spring semesters as one credit hour | | | | | | 1 | DCO 101 |
| Semester Total | | 14 | 4 | | Semester Total | | 15 | 4 | |

Second Year Courses

| SEMESTER III | | | | | SEMESTER IV | | | | | |
|-----------------------|---|---|-----------|-------------------|-----------------------|---|--------------|-----------|----------------|---------|
| Code | Title | Credit Hours | | End Sem. Exams | Code | Title | Credit Hours | | End Year Exams | |
| | | Theory | Practical | | | | Theory | Practical | | |
| SRM 101 | Statistics & Research Methodology | 3 | 0 | SRM 101 | DPR 223 | Pre-Clinical Periodontics | 2 | 1 | DPR 223 | |
| DBC 206 | Biochemistry | 2 | 1 | Continuous Course | DBC 206 | Biochemistry | 2 | 1 | DBC 206 | |
| DPT 204 | Pharmacology and Therapeutics | 2 | 0 | Continuous Course | DPT 204 | Pharmacology and Therapeutics | 2 | 0 | DPT 204 | |
| DPA 204 | Pathology | 2 | 0 | Continuous Course | DPA 204 | Pathology | 1 | 1 | DPA 204 | |
| DMB 212 | Microbiology | 1 | 1 | DMB 212 | DGM 224 | General Medicine | 3 | 1 | DGM 224 | |
| DIC 212 | Infection Control | 2 | 0 | DIC 212 | DGS 222 | General Surgery | 2 | 0 | DGS 222 | |
| DOD 205 | Pre-Clinical Operative Dentistry & Biomaterials | 2 | 1 | Continuous Course | DOD 205 | Pre-Clinical Operative Dentistry & Biomaterials | 1 | 1 | DOD 205 | |
| DED 211 | Ethics in Dental Practice | 1 | 0 | DED 211 | | | | | | |
| DCO 201 | Clinical Orientation - 2 | Course will continue in both fall and spring semesters as one credit hour | | | | | | | 1 | DCO 201 |
| Semester Total | | 15 | 3 | | Semester Total | | 13 | 6 | | |

Third Year Courses

| SEMESTER V | | | | | SEMESTER VI | | | | |
|-----------------------|--|--------------|-----------|-------------------|-----------------------|-----------------------------|--------------|-----------|----------------|
| Code | Title | Credit Hours | | End Sem. Exams | Code | Title | Credit Hours | | End Year Exams |
| | | Theory | Practical | | | | Theory | Practical | |
| DCD 306 | Community Dentistry | 2 | 1 | Continuous Course | DCD 306 | Community Dentistry | 2 | 1 | DCD 306 |
| DPP 308 | Pre-Clinical Prosthodontics & Biomaterials | 2 | 2 | Continuous Course | DPP 308 | Pre-Clinical Prosthodontics | 2 | 2 | DPP 308 |
| DOS 306 | Pre-Clinical Oral Surgery | 2 | 1 | Continuous Course | DOS 306 | Pre-Clinical Oral Surgery | 2 | 1 | DOS 306 |
| DOP 306 | Oral Pathology | 2 | 1 | Continuous Course | DOP 306 | Oral Pathology | 2 | 1 | DOP 306 |
| DOR 304 | Oral Radiology | 1 | 1 | Continuous Course | DOR 304 | Oral Radiology | 1 | 1 | DOR 304 |
| DPR 304 | Clinical Periodontics | 1 | 1 | Continuous Course | DPR 304 | Clinical Periodontics | 1 | 1 | DPR 304 |
| | | | | | DEN 322 | Pre-Clinical Endodontics | 1 | 1 | DEN 322 |
| Semester Total | | 10 | 7 | | Semester Total | | 11 | 8 | |

Fourth Year Courses

| SEMESTER VII* | | | | | SEMESTER VIII* | | | | |
|-----------------------|--|--------------|----------|-------------------|-----------------------|--|--------------|----------|----------------|
| Code | Title | Credit Hours | | End Sem. Exams | Code | Title | Credit Hours | | End Year Exams |
| | | Theory | Clinical | | | | Theory | Clinical | |
| DOD 404 | Clinical Operative Dentistry | 1 | 1 | Continuous Course | DOD 404 | Clinical Operative Dentistry | 1 | 1 | DOD 404 |
| DPC 406 | Clinical Prosthodontics (Partial & Complete Denture) | 2 | 1 | Continuous Course | DPC 406 | Clinical Prosthodontics (Fixed Prosthesis) | 1 | 2 | DPC 406 |
| DEN 404 | Clinical Endodontics | 1 | 1 | Continuous Course | DEN 404 | Clinical Endodontics | 1 | 1 | DEN 404 |
| DOS 405 | Clinical Oral Surgery | 1 | 1 | Continuous Course | DOS 405 | Clinical Oral Surgery & Implantology | 2 | 1 | DOS 405 |
| DOR 406 | Clinical Orthodontics | 2 | 1 | Continuous Course | DOR 406 | Clinical Orthodontics | 2 | 1 | DOR 406 |
| DPD 405 | Clinical Pediatric Dentistry | 1 | 1 | Continuous Course | DPD 405 | Clinical Pediatric Dentistry | 2 | 1 | DPD 405 |
| DOM 413 | Oral Medicine and Oral Diagnosis | 2 | 1 | DOM 413 | | | | | |
| Semester Total | | 10 | 7 | | Semester Total | | 9 | 7 | |

Fifth Year Courses

| SEMESTER IX* | | | | | SEMESTER X* | | | | |
|--------------|--|--------------|----------|-------------------|-------------|----------------------------------|--------------|----------|----------------|
| Code | Title | Credit Hours | | End Sem. Exams | Code | Title | Credit Hours | | End Year Exams |
| | | Theory | Clinical | | | | Theory | Clinical | |
| DCC 5016 | Comprehensive Clinical Dentistry | 0 | 8 | Continuous Course | DCC 5016 | Comprehensive Clinical Dentistry | 0 | 8 | DCC 5016 |
| DRP 503 | Research Project | 1 | 0 | Continuous Course | DRP 503 | Research Project | 2 | 0 | DRP 503 |
| DEB 513 | Evidence Based Dentistry & Applied Biostatistics | 3 | 0 | DEB 513 | DPM 521 | Practice Management | 1 | 0 | DPM 521 |
| DHG 513 | Hospital & Geriatric Dentistry | 2 | 1 | DHG 513 | DTP 523 | Treatment Planning & POL | 3 | 0 | DTP 523 |
| | Semester Total | 6 | 9 | | | Semester Total | 6 | 8 | |

* Elective courses offered in year 4 and 5, only one course (2 Credits Course) in each semester with flexible timing, from the following:

1 – Esthetic Dentistry – DES 412 (Semester VII)

2 – Rehabilitation in Pediatric Dentistry – DRD 422 (Semester VIII)

3 – Advanced Endodontics – DAE 512 (Semester IX)

4 – Dental Implantology – DDI 522 (Semester X)

Theory : One contact hour is equal to one credit hour

Practical : One credit hour is equal to two contact hours

Clinical : One credit hour is equal to three contact hours

BDS Program Total Credits: 172 Credits (42 Courses) + 8 Credits Electives (Optional)

General Education : 07 courses – 21 credits (12.20%)

Basic & Medical Education : 11 courses – 44 credits (25.58%)

Pre-clinical Dental Sciences : 09 courses – 42 credits (24.42%)

Clinical Dental Sciences : 15 courses – 65 credits (37.80%)