Appendix VII

Dental Technology Program Description

Dental Technology

The Dental Technology program requires 120 semester hours and includes several core liberal arts. The Core Liberal Arts Program includes 42 credits. Students may choose from the below list for the other CLA courses \*: A recommended course sequence follows the list of required courses.

|  |  |  |  |
| --- | --- | --- | --- |
| **Category** | **Course code** | **Course name** | **# cr.** |
|  | UNI 101 | First Year University Experience | **3** |
|  |  |  |  |
| **Communication skills** |  |  | **9** |
|  | ENL 101  ENL 201 | Expository Writing  Academic Writing |  |
|  | ENL 210 | Introduction to Public Speaking |  |
|  |  |  |  |
| **Humanities: Choose four** | |  | **12** |
|  | HIS 101 | Civilizations and History I |  |
|  | HIS 102 | Civilizations and History II |  |
|  | HIS 201 | Iraqi Studies |  |
|  | HIS 341 | Eastern Civilizations & History |  |
|  | HIS 350 | Main Currents in Global History |  |
|  | PHI 101 | Introduction to Ethics |  |
|  | HUM 101 | Introduction to Humanities |  |
|  | LIT 101  PHA210 | Introduction to World Literature  Introduction to General Health |  |
|  |  |  |  |
| **Social sciences: Choose two** | |  | **6** |
|  | PSY 101 | Introduction to Psychology |  |
|  | SOC 101 | Introduction to Sociology |  |
|  | COM 101 | Introduction to Communications |  |
|  | HUM 210 | Introduction to Human Geography |  |
|  | POL 102 | Globalization & World Politics |  |
|  | MIS 101 | Introduction to Management Information Systems |  |
|  | FIN 101 | Finance for Non-Business Students |  |
|  | ECO 101 | History of Economic Thought |  |
|  |  |  |  |
| **Natural sciences: Choose two** | |  | **6** |
|  | BIO 101 | Introductory Biology |  |
|  | ENV 201 | Introduction to Environmental Science |  |
|  | CHE 100 | Chemistry in Our Life |  |
|  | PHY 105 | Descriptive Astronomy |  |
|  | GEO 101 | Introduction to Geography |  |
|  |  |  |  |
|  |  |  |  |
| **Quantitative Reasoning** |  |  | **6** |
| *Computer Science* | CSC 101 | Introduction to Computer Science |  |
|  |  |  |  |
| *Mathematics: Choose one* | |  |  |
|  | MAT 101 | College Algebra |  |
|  | MAT 102 | Pre-calculus |  |
|  | MAT 111 | Calculus and Analytic Geometry I |  |

**Note:** Students may enroll in designated 1 to 2 CLA courses while enrolled in Level 6B offered by ELA.

**YEAR I – 30 credits**

|  |  |
| --- | --- |
| Course Requirement | Credit |
| CHE 105 General Chemistry | 3 |
| MAT 101 College Algebra | 3 |
| BIO 101 Introductory Biology | 3 |
| UNI 101 First Year Uni Exp | 3 |
| ENL 101 Expository Writing | 3 |
| BDS 105 Medical physics | 3 |
| CSC 101 Introduction to Computer Science | 3 |
| BIO 217 Human Anatomy and Physiology | 3 |
| HCT 101 Fund Healthcare Prof | 3 |
| Core Liberal Arts Elective\* | 3 |

**YEAR II – 31 credits**

|  |  |
| --- | --- |
| Course Requirement | Credit |
| CHE 210 Organic Chemistry for Health Sciences | 3 |
| BDT 210 Dental Materials I | 3 |
| BDT 210L Dental Materials Lab | 1 |
| BDS 240 Introduction to Dentistry and Scientific evidence | 2 |
| ENL 101 Expository Writing | 3 |
| BDS 200L Dental anatomy lab | 1 |
| BDS 200 Dental Anatomy and Occlusion | 3 |
| BDT 211 Dental Materials II | 3 |
| ENV 201 Introduction to Environmental Science | 3 |
| PHI 101 Introduction to Ethics | 3 |
| Core Liberal Arts Elective\* | 3 |
| BDS 217 Head and Neck Anatomy | 2 |
| BDS 217L Head and Neck Anatomy lab | 1 |

**YEAR III – 32 credits**

|  |  |
| --- | --- |
| Course Requirement | Credit |
| BDT 320 Fixed Prosthodontics I | 3 |
| BDT 320L Fixed Prosthodontics lab | 1 |
| BDT 330 Partial Denture Prosthodontics I | 3 |
| BDT 340 Complete Denture Prosthodontics I | 3 |
| BDT 330L Removable prosthodontics lab I | 1 |
| BDT 350 Dental ceramics | 2 |
| Core Liberal Arts Elective | 3 |
| BDT 321L Fixed Prosthodontics lab II | 1 |
| BDT 331L Removable prosthodontics lab II | 1 |
| BDT 360 CAD CAM and Digital dentistry | 3 |
| BDT 370 Orthodontics/Pedodontics appliances | 3 |
| BDT 370 L Orthodontics/Pedodontics appliances lab I | 1 |
| BDT 380 Dental Implants | 3 |
| BDT 380L Dental Implants lab | 1 |
| FIN 101 Finance for Non-Business Students | 3 |

**YEAR IV – 27 credits**

|  |  |
| --- | --- |
| Course Requirement | Credit |
| BDT 460L Digital Dentistry lab I | 1 |
| BDT 420L Fixed Prosthodontics lab III | 1 |
| BDT 430L Removable prosthodontics lab III | 1 |
| BDT 470L Orthodontics/Pedodontics appliances lab II | 1 |
| BDT 490L Practical Laboratory Experience I | 3 |
| Core Liberal Arts Elective | 3 |
| BDT 496 Smile design | 3 |
| BDT 498 Dental laboratory management and Business procedures | 2 |
| BDT 461L CAD-CAM lab | 1 |
| BDT 492L Practical Laboratory Experience II | 3 |
| BDT 471L Orthodontics/Pedodontics appliances lab III | 1 |
| BDT 461L Digital Dentistry lab II | 1 |
| Technical electives \* | 3 |
| Core Liberal Arts Elective | 3 |