

Catalog Year 2018-2019

B.S. Dental Hygiene

A Major Academic Plan (MAP) illustrates one way to complete a degree in a recommended number of semesters. Below is an example of an efficient and recommended plan, but actual plans will vary by individual student needs. Program requirements are based on Catalog Year. See page two for a detailed summary of Major, General Education, Elective, and university requirements.

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| **Course Subject and Title** | **Cr.**  | **Min.** **Grade** | **\*GE,** **UU or UM** | **\*\*Sem. Offered** | **Prerequisite** | **Co Requisite** |
| Semester One |
| GE Objective 3: MATH 1153 Introduction to Statistics | 3 | C- | GE | F,S,Su |  |  |
| GE Objective 6: PSYC 1101 Introduction to General Psychology | 3 | C- | GE | F,S |  |  |
| GE Objective 5: BIOL 1101 & 1101L Biology I and Lab | 4 | C- | GE | F,S,Su | MATH 1108 or equivalent course | (MATH 1108) |
| GE Objective 1: ENGL 1101 English Composition | 3 | C- | GE | F,S,Su | Appropriate placement score or equivalent |  |
|  Total | 13 |  |  |  |  |  |
| Semester Two |
| GE Objective 1: ENGL 1102 Critical Reading and Writing | 3 | C- | GE | F,S,Su | ENGL 1101 or equivalent |  |
| GE Objective 6: SOC 1101 Introduction to Sociology | 3 | C- | GE |  |  |  |
| BIOL 3302 & 3302L Anatomy and Physiology | 4 | C- | UM | F, S | BIOL 1101  |  |
| GE Objective 4:  | 3 | C- | GE | F,S,Su |  |  |
| DENT 2201 Principles of Dental Hygiene | 2 | C- |  | F,S |  |  |
|  Total | 15 |  |  |  |  |  |
| Semester Three |
| BIOL 3301 & 3301L Anatomy and Physiology | 4 | C- | U | F,S | BIOL 1101 |  |
| GE Objective 5: CHEM 1101 Introduction to General Chemistry | 3 | C- | GE | F,S,Su | MATH 1108 or equivalent course |  |
| GE Objective 2: COMM 1101 Principles of Speech | 3 | C- | GE | F,S |  |  |
| GE Objective 4: | 3 | C- | GE | F,S,Su |  |  |
| GE Objective 9: | 3 | C- | GE | F,S,Su |  |  |
|  Total | 16 |  |  |  |  |  |
| Semester Four |  |  |  |  |  |  |
| BIOL 2221 & 2221L Introduction to Microbiology and Lab | 4 | C- |  | F,S | CHEM 1101 or 1111/1111L, BIOL 1101 |  |
| CHEM 1102 Introduction to Organic and Biochemistry | 3 | C- |  | F,S | CHEM 1101 or 1111/1111L | CHEM 1103 |
| CHEM 1103 Intro to General Organic & Biochemistry Laboratory | 1 | C- |  | F,S | CHEM 1101 or 1111/1111L | CHEM 1102 |
| Either NTD 2239 Nutrition  |  |  |  |  | CHEM 1101 |  |
| NTD 3340 Nutrition for Health Professionals | 3 | C- |  (UM) | F,S | BIOL 3301 or 3302 or HO 0111 |  |
| GE Objective 7 or 8: | 3 | C- | GE |  |  |  |
|  Total | 14 |  |  |  |  |  |
| Semester Five |  |  |  |  |  |  |
| DENT 3307 Prevention and Management of Dental Emergencies | 2 | C- | U | F |  | DENT 3313C |
| DENT 3308 Oral Histology and Embryology | 2 | C- | U | F |  |  |
| DENT 3311 Tooth Morphology | 2 | C- | U | F |  |  |
| DENT 3312 Head and Neck Anatomy | 3 | C- | U | F |  | DENT 3311 |
| DENT 3313 Clinical Dental Hygiene I | 3 | C- | U | F |  | DENT 3313C |
| DENT 3313C Clinical Dental Hygiene I Clinic | 3 | C- | U | F | Dental Hygiene Program Acceptance  | DENT 3307 & 3313 |
| DENT 3315 Preventive Dentistry | 2 | C- | U | F |  |  |
| DENT 3316 Dental Materials | 2 | C- | U | F |  |  |
| DENT 4408 Ethical and Legal Principles | 2 | C- | U | F |  |  |
|  Total | 21 |  |  |  |  |  |
| Semester Six |  |  |  |  |  |  |
| DENT 3309 General and Oral Pathology | 3 | C- | U | S | DENT 3307, 3308, 3313 |  |
| DENT 3314 Clinical Dental Hygiene II | 2 | C- | U | S | DENT 3313/3313C, 3315 | DENT 3314C |
| DENT 3314C Clinical Dental Hygiene II Clinic  | 3 | C- | U | S | DENT 3313/3313C, 3315 | DENT 3314 |
| DENT 3318 Oral Radiology | 2 | C- | U | S | DENT 3312, 3313, 3313C | DENT 3318L |
| DENT 3318L Oral Radiology Laboratory | 1 | C- | U | S | DENT 3312, 3313, 3313C | DENT 3314C and 3318 |
| DENT 3319 Preclinical Restorative Procedures | 2 | C- | U | S | DENT 3311 and 3316 |  |
| DENT 3320 Pain Management | 2 | C- | U | S | DENT 3307 and 3312 |  |
| DENT 3321 Periodontology | 2 | C- | U | S | DENT 3308, 3313, 3313C | DENT 3314 and 3314C |
| PPRA 3314 Basic and Applied Pharmacology for Dental Hygiene | 2 | C- | U | S |  |  |
|  Total | 19 |  |  |  |  |  |
| Semester Seven |  |  |  |  |  |  |
| DENT 4401 Research Methods | 2 | C- | U | F | MATH 1153, ENGL 1102 |  |
| DENT 4402 Advanced Periodontology | 2 | C- | U | F | DENT 3314, 3314C, 3321 | DENT 4403, 4403C |
| DENT 4403 Advanced Clinical Theory I | 2 | C- | U | F | DENT 3314, 3314C | DENT 4403C |
| DENT 4403C Advanced Clinical Practice I Clinic | 4 | C- | U | F | DENT 3314, 3314C | DENT 4403 |
| DENT 4411 Application of Restorative Therapies | 2 | C- | U | F | DENT 3319, 3320 | DENT 4411C |
| DENT 4411C Restorative Care I | 1 | C- | U | F | DENT 3319 , 3320 | DENT 4411 |
| DENT 4413 Community Health and Special Needs Populations | 3 | C- | U | F | DENT 3314, 3314C, 3315  | DENT 4401, 4403C |
| DENT 4422 Educational Strategies and Applied Methods | 3 | C- | U | F |  |  |
|  Total  | 19 |  |  |  |  |  |
| Semester Eight |   |  |  |  |  |  |
| DENT 4404 Advanced Clinical Theory II | 2 | C- | U | S | DENT 4403, 4403C | DENT 4404C |
| DENT 4404C Advanced Clinical Practice II Clinic | 4 | C- | U | S | DENT 4403, 4403C | DENT 4404 |
| DENT 4405 Dental Hygiene Seminar | 1 | C- | U | S | DENT 4401 |  |
| DENT 4412C Restorative Care II | 1 | C- | U | S | DENT 4411, 4411C |  |
| DENT 4414 Community Outreach Experiences | 2 | C- | U | S | DENT 3315, 4413  |  |
| DENT 4421 Leadership and Health Policy | 2 | C- | U | S |  |  |
| DENT 4424 Principles of Interprofessional Practice Management | 3 | C- | U | S |  |  |
|  Total  | 15 |  |  |  |  |  |
| \*GE=General Education Objective, UU=Upper Division University, UM= Upper Division Major\*\*See Course Schedule section of Course Policies page in the e-catalog (or input F, S, Su, etc.)  |

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| **2018-2019 Major Requirements** | **CR** | **2018-2019 GENERAL EDUCATION OBJECTIVES****Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9** | **36 cr. min** |
| **MAJOR REQUIREMENTS** |  | 1. Written English (6 cr. min) ENGL 1101 | 3 |
| **Pre-Dental Hygiene**  | **21** |  ENGL 1102 | 3 |
| BIOL 1101 and lab (counted in GE)  | 2. Spoken English (3 cr. min) COMM 1101 | 3 |
| BIOL 2221 and 2221L Intro to Microbiology and Lab | 4 | 3. Mathematics (3 cr. min) MATH 1153 | 3 |
| BIOL 3301 and 3301L Anatomy and Physiology | 4 | 4. Humanities, Fine Arts, Foreign Lang. **(2 courses; 2 categories; 6 cr. min)** |
| BIOL 3302 and 3302L Anatomy and Physiology | 4 |  |  |
| CHEM 1101 Introduction to General Chemistry (counted in GE) |  |  |
| CHEM 1102 Intro to Organic and Biochemistry | 3 | 5. Natural Sciences **(2 lectures-different course prefixes, 1 lab; 7 cr. min)** |
| CHEM 1103 Intro to Gen Organic and Biochemistry Lab | 1 | BIOL 1101 and 1101L | 4 |
| DENT 2201 Principles of Dental Hygiene  | 2 | CHEM 1101 | 3 |
| Either NTD 2239 Nutrition |  |  |  |
| Or NTD 3340 Nutrition for Health Professions | 3 | 6. Behavioral and Social Science **(2 courses-different prefixes; 6 cr. min)** |
| MATH 1153 Introduction to Statistics (counted in GE) | PSYC 1101 | 3 |
| PSYC 1101 Introduction to General Psychology (counted in GE) | SOC 1101 | 3 |
| SOC 1101 Introduction to Sociology (counted in GE) | One Course from EITHER Objective 7 OR 8 **(1course; 3 cr. min)** |
| **Dental Hygiene Courses** | **74** | 7. Critical Thinking Objective 7 course of your choice |  |
| DENT 3307 Prevention and Mgt of Dental Emergencies | 2 | 8. Information Literacy INFO 1101 recommended |
| DENT 3308 Oral Histology and Embryology | 2 | 9. Cultural Diversity Objective 9 course of your choice | 3 |
| DENT 3311 Tooth Morphology | 2 |  |  |
| DENT 3312 Head and Neck Anatomy | 3 | General Education Elective to reach 36 cr. min. **(if necessary)** |
| DENT 3313 Clinical Dental Hygiene I Lecture  | 3 |   |  |
| DENT 3313C Clinical Dental Hygiene I Clinic | 3 |  **Total GE** | **37** |
| DENT 3315 Preventive Dentistry | 2 | GE Objectives - Catalog Requirements: [Catalog Year](https://www.isu.edu/advising/academic-support/general-education/) |
| DENT 3316 Dental Materials | 2 |
| DENT 4408 Ethical and Legal Principles | 2 |  |
| DENT 3309 General and Oral Pathology | 3 |
| DENT 3314 Clinical Dental Hygiene II Lecture | 2 |
| DENT 3314C Clinical Dental Hygiene II Clinic | 3 | **MAP Credit Summary** | **CR** |
| DENT 3318 Oral Radiology | 2 | Major  | 95 |
| DENT 3318L Oral Radiology Lab | 1 | General Education  | 37 |
| DENT 3319 Preclinical Restorative Procedures | 2 | Free Electives to reach 120 credits | 0 |
| DENT 3320 Pain Management | 2 |  TOTAL | 132 |
| DENT 3321 Periodontology | 2 |  |
| PPRA 3314 Basic & Applied Pharmacology | 2 |
| DENT 4401 Research Methods | 2 |
| DENT 4402 Advanced Periodontology | 2 |
| DENT 4403 Advanced Clinical Theory I | 2 | **Graduation Requirement Minimum Credit Checklist** | **Confirmed** |
| DENT 4403C Advanced Clinical Practice I | 4 | Minimum 36 cr. General Education Objectives (15 cr. AAS) |  x |
| DENT 4404 Advanced Clinical Therapy II | 2 | Minimum 16 cr. Upper Division in Major (0 cr. Associate) |  | x |
| DENT 4404C Advanced Clinical Practice II Clinic | 4 | Minimum 36 cr. Upper Division Overall (0 cr. Associate) |  | x |
| DENT 4405 Dental Hygiene Seminar | 1 | Minimum of 120 cr. Total (60 cr. Associate) |  | x |
| DENT 4411 Application of Restorative Therapies | 2 |  |  |
| DENT 4411C Restorative Care I | 1 |  |  |
| DENT 4412C Restorative Care II | 1 |  |  |
| DENT 4413 Comm. Health & Special Needs Populations | 3 |  |  |
| DENT 4414 Community Outreach Experiences | 2 |  |  |
| DENT 4421 Leadership and Health Policy | 2 | ***MAP Completion Status (for internal use only)*** |
| DENT 4422 Educational Strategies and Applied Methods | 3 |  | *Date* |
| DENT 4424 Principles of Interprofessional Practice Mgt.  | 3 | *Department:*  | 9.19.17 js |
|  |  | *CAA or COT:* | 9.19.2017 jh |
| Advising Notes | *Registrar:*  |  |
| INFO 1101 (Gen Ed Obj 8) is highly recommended for individuals without computer skills |  |
| DENT 2220 is highly recommended for individuals without dental office experience |