
Dental Hygiene – Associate in Applied Science (DENT.AAS)

The Dental Hygiene Associate in Applied Science program consists of integrated lectures, labs and clinical experiences. As a graduate of the Jackson College dental hygiene program, the student will have the knowledge and skills necessary to provide preventive and periodontal treatment.

The responsibilities of a registered dental hygienist generally include: scaling and root debridement, delivery of local anesthesia, nitrous oxide sedation, topical fluoride, antibiotic and antimicrobial medicament placement, impressions, diagnostic models, dental radiographs, dental education, nutritional counseling, and various laboratory procedures. The treatments and services are prescribed under the supervision of the dentist.

The dental hygiene program is accredited by the Commission on Dental Accreditation, or CODA. Upon successfully completing the program at Jackson College, the student will be eligible to take the national, regional and state board examinations for dental hygiene licensure.

There are various employment opportunities for the registered dental hygienist. The registered hygienist may choose employment in a general or specialty dental practice, schools, clinics, hospitals, HMOs, public health or governmental agencies. The dental hygienist may also be employed in the area of management, research, sales, consulting or education.

Students must apply for admission to the dental hygiene program and must do so by the application deadline. The program starts every spring semester and continues for four academic semesters after the student has completed the prerequisite courses. Admission to dental hygiene is highly competitive and is not guaranteed. It is the student's responsibility to understand and adhere to the specific admission criteria. The selection process considers academic and non-academic qualities. Assessment of an applicant's academic qualities is based on the applicant's prerequisite grades and overall GPA. Non-academic criteria consider qualities such as work ethic, motivation, compassion, integrity, communication skills, leadership, and desire to contribute to society. Students with the highest points will be admitted based on space availability. The selection process is subject to change.

The program for which you are applying requires that you successfully complete clinical requirements in an on-site clinic. A provider's license may be jeopardized if the State of Michigan learns through the required criminal history background clearance that they or an adult age 18 and over who is employed by them or in practicum with them, has a pending criminal charge or has been convicted of certain various crimes. Clinical sites are subject to Act 303 of the Public Acts of 2002, amended April 1, 2006, of the State of Michigan, which restricts persons with certain criminal convictions from having access to vulnerable populations. Therefore, Jackson College requires that as a condition of admission, all students will be subject to a fingerprint-based criminal background check, including an FBI check.

Exclusions for convictions can range from one year to permanent exclusion. Following graduation, applicants for licensure as a registered dental hygienist will also be asked about criminal convictions

and this could impact the individual's ability to become licensed. In addition, all dental hygiene students must pass a drug screen as a condition of admission to the dental hygiene program. While enrolled in the program, a student may be asked to submit to a drug test if there is reason to believe the student is under the influence of alcohol or other drugs.

PREREQUISITES

Take the following:

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| BIO | 220 | Microbiology |
| PSY | 130 | General Psychology |
| ENG | 131 | Writing Experience I |
| COM | 250 | Intercultural Communication |
| MAT | 133 | Introduction to Probability & Statistics |

Choose one of the following:

*If not selecting BIO 132, take both BIO 253 and BIO 254 to satisfy requirements.

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| BIO | 132 | Human Biology |
| BIO | 253 | Human Anatomy & Physiology I AND |
| BIO | 254 | Human Anatomy & Physiology II |

Choose one of the following:

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| CEM | 131 | Fundamentals of Chemistry |
| CEM | 141 | General Chemistry I |

Applications are accepted for spring admission. See a student success navigator for application deadlines. All sciences must be taken within the last eight years.

Minimum credits: 73

Minimum grade in dental hygiene courses: 2.0

Minimum grade in BIO 132, BIO 253, BIO 254 and BIO 220: 2.5

Minimum Jackson College credits: 42

GENERAL EDUCATION REQUIREMENTS (21 CREDITS)

GEO 1: Write clearly, concisely and intelligibly (3 credits)

Choose one of the following:

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| ENG | 131 | Writing Experience I |
| ENG | 132 | Writing Experience II |

GEO 2: Recognize the importance of effective communication in a dynamic and changing society (3 credits)

Choose one of the following:

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| COM | 231 | Communication Fundamentals |
| COM | 240 | Interpersonal Communication |
| COM | 250 | Intercultural Communication |
| HIS | 211 | Minority Groups in America |
| HUM | 131 | Cultural Connections |
| PHL | 243 | Great World Religions |
| PLS | 262 | International Relations |

PSY 152 Social Psychology (or SOC 152 Social Psychology)
SOC 246 Marriage & Family

GEO 3: Demonstrate computational skills and mathematical reasoning (4 credits)

Take the following:

MAT 133 Introduction to Probability & Statistics (preferred) (or higher)

GEO 4: Demonstrate scientific reasoning (4 credits)

Take the following:

BIO 220 Microbiology

GEO 5: Understand human behavior and social systems, and the principles which govern them (3 credits)

Take the following:

PSY 152 Social Psychology

SOC 152 Social Psychology

GEO 6: Identify artistic, linguistic, and theoretical perspectives across the human experience (3 credits)

Choose one of the following:

ART 111 Art History: Prehistoric – 1400

ART 112 Art History: Renaissance – Present

HUM 131 Cultural Connections

MUS 131 Understanding Music

Dental Hygiene Related Requirements

Choose one of the following:

*If not selecting BIO 132, take both BIO 253 and BIO 254 to satisfy requirements.

BIO 132 Human Biology

BIO 253 Human Anatomy & Physiology I AND

BIO 254 Human Anatomy & Physiology II

Choose one of the following:

CEM 131 Fundamentals of Chemistry

CEM 141 General Chemistry I

Dental Hygiene Core Requirements (45 credits)

Take the following:

DHY 101 Principles in Dental Hygiene I

DHY 102 Preclinical Dental Hygiene

DHY 103 Orofacial Anatomy, Histology & Embryology

DHY 104 Biochemistry & Nutrition

DHY 105 Medical Emergencies in the Dental Office

DHY 111 Principles in Dental Hygiene II

DHY 113 Radiology

DHY 114 Periodontics

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| DHY | 115 | Clinical Dental Hygiene I |
| DHY | 120 | Dental Materials |
| DHY | 121 | Pharmacology |
| DHY | 201 | Principles in Dental Hygiene III |
| DHY | 203 | Pain Management |
| DHY | 204 | Oral Pathology |
| DHY | 205 | Clinical Dental Hygiene II |
| DHY | 211 | Principles in Dental Hygiene IV |
| DHY | 213 | Community Dental Health |
| DHY | 215 | Clinical Dental Hygiene III |