

**3. Health and Natural Science Electives**

(24 credits)

- BIOL 304 Microbiology
- BIOL 310 Cell Biology
- BIOL 350 Genetics
- BIOL 404 Histology
- BIOL 412 General Parasitology
- BIOL 435 Molecular Biology
- BIOL 440 Developmental Biology
- BIOL 445 Immunology
- CHEM 455 Biochemistry I
- CHEM 456 Biochemistry Laboratory
- CHEM 457 Biochemistry II
- HEED 200 Nutrition
- HEED 222 Emergency Medical Techniques in Athletic Training
- HEED 305 Care and Prevention of Athletic Injuries
- HEED 320 Pharmacology and General Medical Conditions
- HLTH 125 Health and Culture
- HLTH 330 Epidemiology of Health
- HLTH 405 Sexuality
- PHEC 303 Biomechanics for Exercise and Sport Science
- PHEC 301 Applied Biomechanics
- PHEC 341 Psychology of Physical Activity
- PHEC 401 Physiology of Exercise

**4. Social Science Electives (6 credits)**

- PSYC 208 Introduction to Lifespan Development
- PSYC 210 Child Development
- PSYC 212 Adolescent and Adult Development
- PSYC 214 Introduction to Geropsychology
- PSYC 220 Psychology of Women
- PSYC 250 Death and Dying
- PSYC 317 Abnormal Psychology
- PSYC 345 Animal Learning and Cognition
- PSYC 386 Drugs and Human Behavior
- PSYC 409 Human Learning and Cognition
- PSYC 420 Physiological Psychology
- PSYC 430 Health and Psychology
- PSYC 489 Abnormal Child Psychology
- SOCI 367 Sociology of Medicine
- SOCI 466 Women, Health and Healing
- SOCI 468 Sociology of Later Life

# Health Sciences Preparatory Programs

## Dental Hygiene Preparation

### Pre-professional program

<b>Total Hours:</b>	<b>PRE-PROFESSIONAL PROGRAM</b>
	<b>61</b>

**Coordinator:**

Karen Keller, Assistant Professor,  
Department of Biology

- The listed pre-professional courses are required for students interested in attending the University of Maryland, Baltimore's Dental Hygiene Program. These courses could also be taken, together with additional requirements, by students interested in attending other programs in Dental Hygiene.
- It is expected that each student enrolled in the Pre-Dental Hygiene Program will earn and maintain a **minimum 3.0** cumulative grade point average and a 3.0 cumulative grade point average in biology, chemistry, and nutrition to be considered competitive for the program.
- You cannot major or minor in Dental Hygiene Preparation.

### Summary of Requirements for Pre-professional Program in Dental Hygiene Preparation

**1. Science Courses (28 hours)**

- BIOL 149\* General Biology I 4 hours
- BIOL 304\* Microbiology 4 hours
- BIOL 321\* Anatomy and Physiology I 4 hours
- BIOL 322\* Anatomy and Physiology II 4 hours
- CHEM 201\* General Chemistry I 4 hours
- CHEM 202\* General Chemistry II 4 hours
- CHEM 301\* Organic Chemistry I 4 hours

\* All science courses must be taken within 5-7 years of the year you wish to enroll in the program.

**2. Non-Science Courses (12 hours)**

- ENGL 101 Freshman Composition 3 hours
- ENGL 310 or 312 Advanced Composition 3 hours
- ENGL 338 Technical Writing 3 hours
- MATH 109 Elements of Applied Probability and Statistics 3 hours

**3. Humanities (3 hours)**

This course can be taken in the categories of literature, philosophy, foreign languages, music and art appreciation, fine arts, math, particular education courses and history. Courses must be academic, non-studio courses. Physical Education courses are not transferable.)

**4. Psychology (3 hours)**

- PSYC 150 General Psychology 3 hours

**5. Sociology (3 hours)**

- SOCI 100 Introduction to Sociology 3 hours

**6. Nutrition (3 hours)**

- HEED 200 Nutrition 3 hours

**7. Public Speaking (3 hours)**

- CMST 122 Introduction to Public Speaking 3 hours

**8. Social Sciences (6 hours)**

Social science electives can be taken in the categories of psychology and sociology – in addition to the required introductory courses, anthropology, political science, economics, cultural studies, women's studies, geography, business management, religion, information systems (not keyboarding courses) and education. Introduction to Computers (academic course – COSC 100) would be an acceptable 3-hour social science elective.