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 410 Health Education
HEEC 303 Biomechanics for Exercise and Sport Science
HEEC 301 Applied Biomechanics
HEEC 341 Psychology of Physical Activity
HEEC 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

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
CHEM 302* Organic Chemistry II 4 hours
CHEM 455 Biochemistry I 4 hours
CHEM 456 Biochemistry Laboratory 4 hours
CHEM 457 Biochemistry II 4 hours
HEED 200 Nutrition 4 hours
HEED 222 Emergency Medical Techniques in Athletic Training 4 hours
HEED 305 Care and Prevention of Athletic Injuries 4 hours
HEED 320 Pharmacology and General Medical Conditions 4 hours
HLTH 125 Health and Culture 4 hours
HLTH 330 Epidemiology of Health 4 hours
HLTH 410 Health Education 4 hours
HEEC 303 Biomechanics for Exercise and Sport Science 4 hours
HEEC 301 Applied Biomechanics 4 hours
HEEC 341 Psychology of Physical Activity 4 hours
HEEC 401 Physiology of Exercise 4 hours

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.