BIO 205 - General Microbiology (4 CR)
Examines morphology, genetics, physiology, ecology, and control of microorganisms. Emphasizes application of microbiological techniques to selected fields. Prerequisites one year of college biology and one year of college chemistry or divisional approval.

BIO 141 Human Anatomy and Physiology I (4 CR)
Prerequisite: BIO 101 or high school Biology within the past 5 years; an ENG 111 placement recommendation, co-enrollment in ENF 3/ENG 111, or successful completion of all developmental English requirements. Integrates anatomy and physiology of cells, tissues, organs, and systems of the body. Integrates concepts of chemistry, physics and pathology. Lecture 3 hours per week. Laboratory 3 hours per week. Total 6 hours per week.

BIO 142 Human Anatomy and Physiology II (4 CR)
Prerequisite: BIO 141 or equivalent; an ENG 111 placement recommendation, co-enrollment in ENF 3/ENG 111, or successful completion of all developmental English requirements. Integrates anatomy and physiology of cells, tissues, organs, and systems of the human body. Integrates concepts of chemistry, physics and pathology. Lecture 3 hours per week. Laboratory 3 hours per week. Total 6 hours per week.

CHM 111 College Chemistry I (4 CR)
Explores the fundamental laws, theories, and mathematical concepts of chemistry. Designed primarily for science and engineering majors. Requires a strong background in mathematics. Part I of II.

CHM 112 College Chemistry II (4 CR)
Explores the fundamental laws, theories, and mathematical concepts of chemistry. Designed primarily for science and engineering majors. Requires a strong background in mathematics.

HLT 106 First Aid and Safety (2 CR)
Focuses on the principles and techniques of safety and first aid. Lecture 2 hours per week.

HLT 143 Medical Terminology I (3 CR)
Prerequisite: A placement recommendation for ENG 111, co-enrollment in ENF 3/ENG 111, or successful completion of all developmental English requirements. Provides an understanding of medical abbreviations and terms. Includes the study of prefixes, suffixes, word stems, and technical terms with emphasis on proper spelling, pronunciation, and usage. Emphasizes more complex skills and techniques in understanding medical terminology. Lecture 3 hours per week.

HLT 144 Medical Terminology II (3 CR)
Prerequisite: HLT143 or equivalent. Provides an understanding of medical abbreviations and terms. Includes the study of prefixes, suffixes, word stems, and technical terms with emphasis on proper
spelling, pronunciation, and usage. Emphasizes more complex skills and techniques in understanding medical terminology. Lecture 3 hours per week.

**ITE 115 - Introduction to Computer Applications and Concepts (3 CR)**
Covers computer concepts and internet skills, and uses a software suite which includes word processing, spreadsheet, database, and presentation software to demonstrate skills. Recommended prerequisite keyboarding skills. Lecture 3-4 hours per week.

**PHI 101 Introduction to Philosophy I (3 CR)**
Introduces a broad spectrum of philosophical problems and perspectives with an emphasis on the systematic questioning of basic assumptions about meaning, knowledge, reality, and values. Lecture 3 hours per week.

**PHI 220 – Ethics (3 CR)**
Provides a systematic study of representative ethical systems.

**PSY 200 - Principles of Psychology (3 CR)**
Surveys the basic concepts of psychology. Covers the scientific study of behavior, behavioral research methods and analysis, and theoretical interpretations. Includes topics that cover physiological mechanisms, sensation/perception, motivation, learning, personality, psychopathology, therapy, and social psychology.

**PSY 230 - Developmental Psychology (3 CR)**
Studies the development of the individual from conception to death. Follows a life-span perspective on the development of the person's physical, cognitive, and psychosocial growth.

**Total Credits: 43**

**Course Sequence**

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