

**UNIVERSITY OF WASHINGTON****Health Informatics and Health Information Management Prerequisite****Human Anatomy and Physiology Prerequisite Options**

\*Credits from listed courses transfer to the University of Washington toward the 180 credits needed for graduation.

\*\*Contact desired campus for current class and registration information.

**UNIVERSITY OF WASHINGTON****BIOL 118 Survey of Physiology**

Human physiology, for non-majors and health sciences students.

**BIOL 119****Elementary Physiology Laboratory**

Prerequisite: BIOL 118 which may be taken concurrently.

**\*BOTH are REQUIRED**

**COURSE LEVELS**

**A – Stand-alone 100-level courses without prerequisites.**

**B1 – Two-part 200-level courses with 1 prerequisite (Both courses required) -- \*[Preferred]**

**B2 – Two-part 200-level courses with 2 prerequisites (Both courses required)**

**B3 – Two-part 200-level courses with 3 prerequisites (Both courses required)**

**C – Two-part 200-level courses with multiple additional prerequisites**

**LEVEL - A****BELLEVUE COLLEGE****BIOL 108 Human Biology**

Overview of human body functions, including an intro to some anatomy and physiology, nutrition and exercise and modern medical advances. This course is intended for non-science majors. Course includes a laboratory.

**SEATTLE COLLEGES (CENTRAL/NORTH/SOUTH)****BIOL 128 Survey of Human Anatomy & Physiology**

Focuses on the structure, function, and location of the body's organ systems, and how organ systems interact to maintain homeostasis in response to different physiological challenges, such as exercise, injury, and disease. Lab included.

**TACOMA COMMUNITY COLLEGE****BIOL& 175 Human Biology w/Lab**

This course is a one-quarter class of human anatomy and physiology. This course offers a brief overview of the human body for the non-science major. It covers some basics of chemistry and cells and then outlines all the major systems of the human body. Laboratory included.

**LEVEL - B1****BELLEVUE COLLEGE****BIOL& 241 Human Anatomy & Physiology**

Introduces the structure and function of tissues, organs, and systems of the human body. **Both BIOL 241 and 242 are needed to complete study of the anatomy and physiology of all human systems.** Format includes laboratory work.

Prerequisite: BIOL 101 or 201 at BCC with a C or better; or entry code.

**BIOL& 242 Human Anatomy & Physiology II**

PREREQ: BIOL 241

**CASCADIA COMMUNITY COLLEGE****BIOL& 231 Human Anatomy**

PREREQ: BIO 101 (higher recommendation) or CHE 101 with a 2.0 or better or permission of instructor and eligibility for MAT 084 and ENG 101.

**BIOL& 232 Human Physiology**

PREREQ: BIOL 231

**GREEN RIVER COMMUNITY COLLEGE**

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**BIOL& 241 Human Anatomy and Physiology I**

PREREQ: BIO 101 (higher recommendation) or CHE 101 with a 2.0 or better or permission of instructor and eligibility for MAT 084 and ENG 101.

**BIOL& 242 Human Anatomy and Physiology II**

PREREQ: BIOL 241

**EVERETT COMMUNITY COLLEGE**

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**BIOL& 231 Human Anatomy**

PREREQ: BIO 101 (higher recommendation) or CHE 101 with a 2.0 or better or permission of instructor and eligibility for MAT 084 and ENG 101.

**BIOL& 232 Human Physiology**

PREREQ: BIOL 231

**SEATTLE COLLEGES (CENTRAL/NORTH/SOUTH)**

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**BIOL& 241 Human Anatomy and Physiology I**

PREREQ: BIOL&amp; 160 (higher recommendation) or CHEM&amp; 121 with a 2.0 or better or permission of instructor and eligibility for MAT 084 and ENG 101.

**BIOL& 242 Human Anatomy and Physiology II**

PREREQ: BIOL 241

**SHORELINE COMMUNITY COLLEGE**

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**BIOL& 231 Human Anatomy**

Understanding the structure of the human body through the study of the various body systems. Intensive laboratory dissection and lectures are utilized. Laboratory class.

**BIOL& 232 Human Physiology**

A systems approach to the study of the functions of the human body. Includes the nervous, muscular, circulatory, endocrine, respiratory, digestive and urogenital systems. Laboratory class.

**LEVEL - B2****PIERCE COLLEGE**

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**BIOL& 241 Human Anatomy & Physiology**

GER-NS Prereq: BIOL 101 and CHEM 100 or instructor permission. Students will automatically be placed in the corresponding lab. Lab Fee: \$17

**BIOL& 242 Human Anatomy & Physiology II**

This is the second course (lecture portion) of a two quarter study of body structure and related physiology on cellular through system levels. Includes an in-depth study of body organization and physiological processes of cardiovascular, lymphatic (includes immunology), respiratory, digestive (includes metabolism), excretory, reproductive and endocrine systems.

**RENTON TECHNICAL COLLEGE**

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**BIOL& 241 Human Anatomy & Physiology (T)**

This is the first of two classes designed for students who want to enter professional health care programs. It is the study of the gross anatomy and functioning of the human body. Covers body organization, cellular structure and function, fundamentals of chemistry and the physiology, structure and function of all the body systems. Lab includes microscopic tissue studies, dissection, work with ADAM software, and physiology projects related to the systems studied. Prerequisite: Completion of BIOL&amp;160 and General Biology.

**BIOL& 242 Human Anatomy & Physiology II (T)**

This is the second to two classes designed for students who want to enter professional health care programs. It is a study of the gross anatomy and functioning of the human body. Covers body organization, cellular structure and function, fundamentals of chemistry and the physiology, structure and function of all the body systems. Lab includes microscopic tissue studies, dissection, work with ADAM software, and physiology projects related to the systems studies. Prerequisite: BIOL&241, Human Anatomy and Physiology I.

**TACOMA COMMUNITY COLLEGE****BIOL& 241 Human Anatomy and Physiology I (F, W, Sp, Su)**

The first of a two-quarter sequence of human anatomy and physiology. The course covers basic molecular and cell biology, histology, the integumentary system, the skeletal system, the muscular system, the nervous system and the special senses. Laboratory sessions include the study of microscopy, histology, anatomical models, preserved bones and human cadavers. PREREQ: CHEM&-110 and BIOL&-160

**BIOL& 242 Human Anatomy and Physiology II (F, W, Sp, Su)**

The second of a two-quarter sequence of human anatomy and physiology. The course will examine the endocrine system, blood, the cardiovascular system, the lymphatic system, the immune system, the respiratory system, the digestive system, the urinary system, and the reproductive system. Laboratory sessions include the study of histology, anatomical models, and the human cadaver.

**LEVEL - C****EDMONDS COMMUNITY COLLEGE****BIOL 230 Human Anatomy and Physiology**

First in a two-quarter sequence (230,231). The structure and function of cells and tissues of the human body and integumentary, skeletal, muscular, and nervous systems. A course for life-science majors, nursing, alternative health care and pre-professional students. Prerequisites: BIOL 201, ENGL 105, MATH 090, and CHEM 101 or 131 or equivalent each with grade of 2.0 or higher.

**BIOL 231 Human Anatomy and Physiology (6 Credits)**

Second in a two-quarter sequence (230,231). The structure and function of the endocrine, respiratory, cardiovascular, lymphatic, digestive, urinary, and reproductive systems. A course for life-science majors, nursing, alternative health care and pre-professional students.

Prerequisite: BIOL 230, ENGL 105, MATH 090 and CHEM 101 or 131 or equivalent each with a grade of 2.0 or higher.

**HIGHLINE COMMUNITY COLLEGE****BIOL 241 Human Anatomy and Physiology I (F, W)**

The first half of a survey of the structure and function of organ systems. Tissues and the skeletal, muscular, nervous, and sensory systems are covered. Includes laboratory. **Prereq:** Min. pre-algebra COMPASS 60 or min. numerical skills ASSET 44 or MATH 081. BIOL 23, 201 with min. 2.0 or permission .

**BIOL 242 Human Anatomy and Physiology II (W, Sp)**

The second half of a survey of the structure and function of organ systems including endocrine, blood, cardiovascular, lymphatic, immune, respiratory, digestive, urinary, and reproductive systems. Includes laboratory. **Prereq:** Min. pre-algebra COMPASS 60 or min. numerical skills ASSET 44 or MATH 081. BIOL 241 with min. 2.0 or permission.

**OLYMPIC COLLEGE****BIOL& 241 Human A & P 1**

NS - Analysis of representative vertebrates for the chemical-physical process in organ systems and their gross anatomy and histology as they pertain to the human body. Enrollment in BIOL& 241-BIOL& 242 insures transferable credit. (Formerly BIO 250) Prerequisite: CHEM& 121 and CHEM& 131 (CHEM& 131 may be waived by exam); or CHEM& 141 and CHEM& 142 with a grade of 2.0 or better; concurrent enrollment in either CHEM& 131 or CHEM& 142 is permitted but not recommended.

**BIOL& 242      Human A & P 2**

NS - A continuation of BIOL& 241 with emphasis on blood, immunity, respiration, urinary function, digestion, and reproduction. Lab includes dissections and structure identification. (Formerly BIO 251)

Prerequisite: Both BIOL& 241 and CHEM& 131 with a grade of 2.0 or better.