Expected Learning Outcomes by Chapter

Hole’s Essentials of Human Anatomy and Physiology, 15e

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# Chapter 1-INTRODUCTION TO HUMAN ANATOMY AND PHYSIOLOGY

## Section 1.1

* Identify some of the early discoveries that led to our understanding of the body.

## Section 1.2

* Explain how anatomy and physiology are related.

## Section 1.3

* List the levels of organization in the human body and the characteristics of each.

## Section 1.4

* List and describe the major characteristics of life.
* Give examples of metabolism.

## Section 1.5

* List and describe the major requirements of organisms.
* Explain the importance of homeostasis to survival.
* Describe the parts of a homeostatic mechanism and explain how they function together.

## Section 1.6

* Identify the locations of the major body cavities.
* List the organs located in each major body cavity.
* Name and identify the locations of the membranes associated with the thoracic and abdominopelvic cavities.
* Name the major organ systems, and list the organs associated with each.
* Describe the general functions of each organ system.

## Section 1.7

* Properly use the terms that describe relative positions, body sections, and body regions.