

Introduction to the Human Body

The screenshot shows the LabXchange library interface. At the top, there is a navigation bar with 'LabXchange', 'Explore', 'Library', and a search bar. The breadcrumb trail reads 'Library catalog > Textbook > Anatomy and Physiology'. The main content area features a pathway card for 'An Introduction to the Human Body'. The card includes the title, statistics (30 Favorites, 478 Views, 3 Clones), a description of the pathway's content, and a 'Show less' link. Below the description, it lists metadata: 'Subject: Physiology +1', 'Language: English', 'Background Knowledge: Some', and 'License: Attribution (CC BY 4.0)'. To the right of the card, there is an OpenStax logo and a note that the content is from 'Anatomy and Physiology' with a 'View original textbook' button. At the bottom right of the card, there is a 'Start pathway' button.

Learning objectives

1. You will contrast anatomy and physiology, and identify several branches of each.
2. You will describe the structure of the body, from simplest to most complex, in terms of the six levels of organization.
3. You will identify the functional characteristics of human life.
4. You will identify the four requirements for human survival.
5. You will define homeostasis and explain its importance to normal human functioning.
6. You will use appropriate anatomical terminology to identify key body structures, body regions, and directions in the body.
7. You will contrast at least four medical imaging techniques in terms of their function and use in medicine.