

# The Skeletal System

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 white card for the textbook 'Bone Tissue and the Skeletal System'. The card includes the title, statistics (4 Favorites, 112 Views, 1 Clone), a detailed 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 is an OpenStax logo and a link to 'View original textbook'. At the bottom right of the card area is a 'Start pathway' button.

## Learning objectives

1. You will list and describe the functions of bones.
2. You will describe the classes of bones.
3. You will discuss the process of bone formation and development.
4. You will explain how bone repairs itself after a fracture.
5. You will discuss the effect of exercise, nutrition, and hormones on bone tissue.
6. You will describe how an imbalance of calcium can affect bone tissue.