

# Unit 7: The Digestive System

The screenshot shows the LabXchange library catalog 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 card for 'The Digestive System' with 16 favorites and 890 views. The description states: 'This pathway provides an in-depth look at overview of the digestive system, digestive system processes & regulation; the mouth, pharynx, & esophagus; the stomach; the small & large intestines; accessory organs in digestion: the liver, pancreas, & gallbladder; and chemical digestion & absorption: a closer look. The...'. Below the description are filters for Subject (Physiology +1), Language (English), Background Knowledge (Some), and License (Attribution (CC BY 4.0)). A 'View original textbook' button is present, along with an 'OpenStax' logo and a note that the content is from 'Anatomy and Physiology'. A 'Start pathway' button is located at the bottom right of the card.

## Learning objectives

1. You will list and describe the functional anatomy of the organs and accessory organs of the digestive system.
2. You will discuss the processes and control of ingestion, propulsion, mechanical digestion, chemical digestion, absorption, and defecation.
3. You will discuss the roles of the liver, pancreas, and gallbladder in digestion.
4. You will contrast the digestion of the three macronutrients.
5. You will describe immune tolerance.
6. You will describe hypersensitivity.
7. You will define autoimmunity.