

Bachelor of Science in Medical Laboratory Technology

We are pleased to provide a curated list of open educational resources for the Bachelor of Science in BMLT programme. These are only for the purpose of additional readings and support classroom interactions

Introduction to Healthcare

Falcone, K. (2022). *Introduction to health (OER)* (2nd ed.). Palomar College Pressbooks.
<https://pressbooks.pub/introtohealth/>. License: CC BY-NC

Medical Terminologies and Record Keeping

Grimm, S., Allee, C., Strachota, E., Zielinski, L., Gotz, T., Randolph, M., & Belitz, H. (2022). *Medical terminology*. eCampus Ontario Pressbooks.
<https://csi.pressbooks.pub/csimedterm/>. License: CC BY

Nelson, A., & Greene, K. (2021). *Medical terminology for healthcare professions*. University of West Florida Pressbooks. <https://pressbooks.uwf.edu/medicalterminology/>. License: CC BY-NC

Basic Computers and Information Science

Franchitti, J.-C. (2024). *Introduction to computer science*. OpenStax.
<https://openstax.org/details/books/introduction-computer-science>. License: CC BY-NC-SA

Raisinghani, M. S. (2026). *Foundations of information systems*. OpenStax.
<https://openstax.org/details/books/foundations-information-systems>. License: CC BY-NC-SA

Medical law and ethics

Barrett, D. H., Dawson, A., & Ortmann, L. W. (2016). *Public health ethics: Global cases, practice, and context*. Open Textbook Library. Library.
<https://open.umn.edu/opentextbooks/textbooks/public-health-ethics-global-cases-practice-and-context>. License: CC BY-NC

Basics of Microbiology

Bruslind, L. (2019). *General microbiology*. Oregon State University. Open Textbook Library.
<https://open.oregonstate.education/generalmicrobiology/>. License: CC BY-NC

Parker, N. (2016). *Microbiology*. OpenStax CNX. Open Textbook Library
<https://openstax.org/details/books/microbiology>. License: CC BY-NC-SA

Smith, M., & Selby, S. (2017). *Microbiology for allied health students*. University System of Georgia. Open Textbook Library.

<https://oer.galileo.usg.edu/cgi/viewcontent.cgi?article=1015&context=biology-textbooks>.
License: CC BY

Basics of Biochemistry

Ahern, K., Rajagopal, I., & Tan, T. (2018). *Biochemistry: Free for all*. Oregon State University. Open Textbook Library.
<https://open.umn.edu/opentextbooks/textbooks/biochemistry-free-for-all-ahern>. License: CC BY-NC

Higginbotham, C. (2026). *Introductory biochemistry*. Open Oregon Educational Resources.
<https://openoregon.pressbooks.pub/biochemistry/>. License: CC BY-NC-SA

Pathology

Connington, R. (2026). *PathOToons: Open-Access Medical Illustrations for Systemic Pathology*. Open Touro. <https://touro scholar.touro.edu/opentextbooks/19/>. License: CC BY-NC 4.0.

Kong, J., Soon, Z., & Dyck, H. (2022). *Pathology: From the tissue level to clinical manifestations and inter-professional care*. Pressbooks.
<https://pressbooks.bccampus.ca/pathology/>. License: CC BY-NC

Radiography and Image Processing Techniques

Burbridge, B. (2017). *Undergraduate diagnostic imaging fundamentals*. University of Saskatchewan, Distance Education Unit. Open Textbook Library.
<https://www.saskoer.ca/undergradimaging/>. License: CC BY-NC-SA

Radiation Safety in Diagnostic Radiology

Ballard, J. S. (2020). *Radiation safety*. Open Oregon Educational Resources.
<https://openoregon.pressbooks.pub/radsafety130/>. License: CC BY

Ultrasound Techniques

Thapaliya, A., Sithole, A., Welsh, M., & Dana, G. (2024). *Ultrasound physics and its application in medicine*. PALNI Open Press. Open Textbook Library.
<https://pressbooks.palni.org/ultrasoundphysicsanditsapplicationinmedicine/>. License: CC BY

Biostatistics and Research Methodology

Reeve, J. D. (2022). *Biostatistics: Data and models*. OER Commons.
<https://oercommons.org/courseware/lesson/101759>. License: CC BY

Ward, C. E., & Nolte, C. (2023). *An intuitive, interactive, introduction to biostatistics*. University of Iowa. Open Textbook Library.
<https://open.umn.edu/opentextbooks/textbooks/an-intuitive-interactive-introduction-to-biostatistics>. License: CC BY-NC

