

Bachelor of Medical Radiology and Imaging Technology

We are pleased to provide a curated list of open educational resources for the Bachelor of Medical Radiology and Imaging Technology (BMRIT) programme. These are only for the purpose of additional readings and support classroom interactions.

Human Anatomy & Physiology

- Betts, J. G. et al. (2022). *Anatomy and physiology 2e*. OpenStax.
<https://assets.openstax.org/oscms-prodcms/media/documents/anatomy-and-physiology-2e- WEB.pdf>. License: CC BY-NC-SA 4.0.
- Nolan, M. F., & McNamara, J. P. (2022). *Applied human anatomy*. Virginia Tech Publishing Pressbooks. <https://open.umn.edu/opentextbooks/textbooks/applied-human-anatomy>. License: CC BY 4.0.
- NSCC, Carter, K., Rutherford, M., & Douglas College Biology Department. (2023). *Anatomy, physiology and medical language*. Atlantic OER.
<https://pressbooks.atlanticoer-relatlantique.ca/medicallanguage/>. License: CC BY 4.0.
- Liachovitzky, C. (2015). *Human anatomy and physiology preparatory course*. CUNY Academic Works.
https://academicworks.cuny.edu/cgi/viewcontent.cgi?article=1048&context=bx_oers. License: CC BY-NC-SA 4.0.

Biochemistry

- Ahern, K., & Rajagopal, I. (n.d.). *Biochemistry free & easy*. Oregon State University. LibreTexts Biology.
[https://bio.libretexts.org/Bookshelves/Biochemistry/Book%3A_Biochemistry_Free_and_Easy_\(Ahern_and_Rajagopal\)](https://bio.libretexts.org/Bookshelves/Biochemistry/Book%3A_Biochemistry_Free_and_Easy_(Ahern_and_Rajagopal)). License: CC BY-NC-SA 4.0.
- Ahern, K., Rajagopal, I., & Tan, T. (n.d.). *Biochemistry free for all*. Oregon State University. LibreTexts Biology.
[https://bio.libretexts.org/Bookshelves/Biochemistry/Book%3A_Biochemistry_Free_For_All_\(Ahern_Rajagopal_and_Tan\)](https://bio.libretexts.org/Bookshelves/Biochemistry/Book%3A_Biochemistry_Free_For_All_(Ahern_Rajagopal_and_Tan)). License: CC BY-NC-SA 4.0.
- Jakubowski, H., & Flatt, P. M. (n.d.). *Fundamentals of biochemistry*. LibreTexts Biology.
[https://bio.libretexts.org/Bookshelves/Biochemistry/Fundamentals_of_Biochemistry_\(Jakubowski_and_Flatt\)](https://bio.libretexts.org/Bookshelves/Biochemistry/Fundamentals_of_Biochemistry_(Jakubowski_and_Flatt)). License: CC BY-NC-SA 4.0.

Microbiology & Pathology

- Ahern, H. (2018). *Microbiology: A laboratory experience*. Open SUNY Textbooks.
<https://milnepublishing.geneseo.edu/suny-microbiology-lab/>. License: CC BY-NC-SA 4.0.
- Beachboard, D. C. (2022). *DeSales microbiology*. Pressbooks.
<https://oer.pressbooks.pub/microbiology/>. License: CC BY-NC 4.0.
- Bruslind, L. (2019). *General microbiology*. Oregon State University.
<https://open.oregonstate.education/generalmicrobiology/>. License: CC BY-NC 4.0.
- Douglas College Biology Department. (n.d.). *Introduction to microbiology for health sciences*. BCcampusPressbooks.

- <https://pressbooks.bccampus.ca/introductiontomicrobiologyforhealthsciences/>. License: CC BY 4.0.
- Lumen Learning. (n.d.). *Types of microorganisms*. SUNY OER Services.
<https://courses.lumenlearning.com/suny-microbiology/chapter/types-of-microorganisms/>. License: CC BY 4.0.
- 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. (n.d.). *Pathology: From the Tissue Level to Clinical Manifestations and Inter-professional Care*. BCcampusPressbooks.
<https://pressbooks.bccampus.ca/pathology/>. License: CC BY 4.0.

Computer Application

- Bolling, T., Mitchell, A., Scott, T., & Wheeler, N. (2024). *Workplace software skills*. OpenStax.
https://assets.openstax.org/oscms-prodcms/media/documents/Workplace_Software_and_Skills_-_WEB_1lfJtcP.pdf. License: CC BY 4.0.
- Franchitti, J.-C., et al. (2025). *Introduction to computer science*. OpenStax.
https://assets.openstax.org/oscmsprodcms/media/documents/Introduction_To_Computer_Science_-_WEB.pdf. License: CC BY 4.0.
- Rusu, A., Ledgerwood, A., Long, A., Maye, H., & Evans, J. (2022). *Computer applications*. LOUIS: The Louisiana Library Network.
<https://louis.pressbooks.pub/computerapplications/>. License: CC BY 4.0.
- Odisha State Open University. (2021). *Data analysis and computer application: Computer fundamentals (SEC-2, Block 1)*. OSOU OER Repository.
<https://drive.google.com/file/d/1mZCRn1PIOfyeidbS57C2gFPu13FPG6LD/view>. License: CC BY-SA 4.0.
- Odisha State Open University. (2021). *Data analysis and computer application: Fundamentals of word processing and PowerPoint (SEC-2, Block 2)*. OSOU OER Repository.
https://drive.google.com/file/d/1dAPB20yj_T4OGQI6RcfFUdAlmeZGzUob/view. License: CC BY-SA 4.0.

Radiography & Equipment

- Van Nus, M. (2026). *Canadian foundations of medical device reprocessing*. Saskatchewan Polytechnic. Pressbooks. <https://www.saskoer.ca/mdrt/>. License: CC BY-NC 4.0.

Clinical Radiography & Positioning

- Scaggs, E. (2021). *Radiography clinical handbook 2025–2026*. IU School of Medicine. Pressbooks. <https://iu.pressbooks.pub/iupuiradiography2022/>. License: CC BY 4.0.
- Bodnarchuk, V., Coggin, M., Loach, A., & Bhatia, R. (2024). *DE 115: Dental radiography*. Confederation College. Pressbooks.
<https://ecampusontario.pressbooks.pub/de115radiography/>. License: CC BY-NC-ND 4.0.

Radiographic & Image Processing

Burbridge, B. (2017). *Undergraduate diagnostic imaging fundamentals*. University of Saskatchewan, Distance Education Unit. Pressbooks.
<https://www.saskoer.ca/undergradimaging/> . License: CC BY-NC-SA 4.0.

Quality & Patient Safety

Doyle, G. R., & McCutcheon, J. A. (2015). *Clinical procedures for safer patient care*. BCcampus. Pressbooks. <https://opentextbc.ca/clinicalskills/>. License: CC BY 4.0.
Ricciardi, W., Donaldson, L., Sheridan, S., & Tartaglia, R. (Eds.). (2021). *Textbook of patient safety and clinical risk management*. Springer.
<https://www.ncbi.nlm.nih.gov/books/NBK585609/>. License: CC BY 4.0.

Advanced Imaging Technology

Maier, A., Steidl, S., Christlein, V., & Hornegger, J. (Eds.). (2018). *Medical imaging systems: An introductory guide*. Springer. <https://www.ncbi.nlm.nih.gov/books/NBK546147/>. License: CC BY 4.0.

Radiation Safety

Ballard, J. S. (n.d.). *Radiation safety*. Open Oregon Educational Resources. Pressbooks.
<https://openoregon.pressbooks.pub/radsafety130/>. License: CC BY 4.0.