

Appendix A

COURSE MODULES			
2021 – 2022			
Course modules schedules can also be reviewed on the MBP calendar at https://medbio.utoronto.ca/mbp-calendar			
Mandatory Modules			
MBP 1201H - Introductory Biostatistics (0.25 credits)	Sept. 14 – Nov. 2, with Python Bootcamp on Sept. 10		
MBP 1200H - Scientific Exposition and Ethics (0.25 credits)	Sept. 13 – Nov. 10		
BIOLOGY	DATES	PHYSICS	DATES
MBP 1306H - Cancer Epigenetics (0.25 credits)	Nov. 4 – Dec. 16	MBP 1401H - Advanced Ultrasound (0.25 credits)	Mar. 2 – Mar. 23
MBP 1307H - Development, Stem Cells & Cancer (0.25 credits)	Jan. 17 – Mar. 7	MBP 1404H - Basics of Cell and Molecular Biology (0.25 credits)	Mar. 3 – Apr. 14
MBP 1300H - Quantitative Cancer Genomics (0.25 credits)	Sept. 16 – Oct. 28	MBP 1413H - Biomedical Applications of Artificial Intelligence	TBD – Winter 2022
MBP 1308H - Radiation Biology & DNA Repair (0.25 credits)	Nov. 1 – Dec. 13	MBP 1403H - Biophysics of Focused Ultrasound, Thermal Biophysics (0.25 credits)	Oct. 26 – Dec. 7
MBP 1301H - Radiation Oncology: Clinical & Experimental Radiobiology (0.5 Credits)	Apr. 25 – Apr. 29 <i>(tentative dates, to be confirmed)</i>	MBP 1405H - Introduction to Bio-Microscopies (0.25 credits)	Jan. 11 – Feb. 22
MBP 1311H - Tumor Microenvironment (0.25 credits)	Sept. 23 – Oct. 28	MBP 1406H - Introduction to Biophotonics (0.25 credits)	Mar. 4 – Apr. 1
		MBP 1407H - Magnetic Resonance Imaging – Overview (0.25 credits)	Nov. 1 – Dec. 20
		MBP 1408H - Medical Device Commercialization Essentials (0.25 credits)	Jan. 6 – Mar. 3
		MBP 1409H - Medical Device Innovation and Entrepreneurship (0.25 credits)	Jan 6 – Apr. 7
		MBP 1411H - Overview of Medical Imaging (0.25 credits)	Sept. 15 – Oct. 27
		MBP 1412H - Ultrasound Overview (0.25 credits)	Jan. 10 – Jan. 21
PROJECTED COURSE MODULES*			
2022 - 2023			
Mandatory Modules			
MBP 1201H - Introductory Biostatistics			
MBP 1200H - Scientific Exposition and Ethics			
BIOLOGY	DATES	PHYSICS	DATES
MBP 1303H - Cell Signaling & Metabolism (0.25 credits)		MBP 1400H - Advanced Magnetic Resonance Imaging (0.25 credits)	
MBP 1305H - Experimental Models for Cancer Research (0.25 credits)		MBP 1401H - Advanced Ultrasound (0.25 credits)	
MBP 1304H - Predictive Oncology & Therapeutics (0.25 credits)		MBP 1404H - Basics of Cell and Molecular Biology (0.25 credits)	
MBP 1300H - Quantitative Cancer Genomics (0.25 credits)		MBP 1402H - Biological Imaging (0.25 credits)	
MBP 1301H - Radiation Oncology: Clinical & Experimental Radiobiology (0.5 Credits)		MBP 1403H - Biophysics of Focused Ultrasound (0.25 credits)	
MBP 1302H - Structural Biology & Proteomics (0.25 credits)		MBP 1405H - Introduction to Bio-Microscopies (0.25 credits)	
		MBP 1406H - Introduction to Biophotonics (0.25 credits)	
		MBP 1407H - Magnetic Resonance Imaging – Overview (0.25 credits)	
		MBP 1409H - Medical Device Innovation and Entrepreneurship (0.25 credits)	
		MBP 1410H - Nanotechnology for Medicine (0.25 credits)	
		MBP 1411H - Overview of Medical Imaging (0.25 credits)	
		MBP 1412H - Ultrasound Overview (0.25 credits)	

***Note:** *This document was last updated on September 8, 2021. Some information may have been altered since that time. To download the most up-to-date version, please visit: <https://medbio.utoronto.ca/handbook>*