

Course progression map for 2022 commencing students

This progression map provides advice on the suitable sequencing of units and guidance on how to plan unit enrolment for each semester of study. It does not substitute for the list of required units as described in the course 'Requirements' section of the [Handbook](#).

M2017 Bachelor of Radiation Sciences

M20172 Bachelor of Radiation Sciences: Radiation Sciences specialisation

| | | | | |
|--------------------------|--|---|--|---|
| Year 1 Semester 1 | BMA1011 Foundations of anatomy and physiology for health practice 1 | HSC1100 Introduction to research and evidence | FIT1052 Digital futures: IT shaping society | RAD1081 Foundations in medical radiation physics (6CP) |
| Year 1 Semester 2 | BMA1012 Foundations of anatomy and physiology for health practice 2 | PBH2001 Foundations of epidemiology | HSC1400 The Australian Health Care System | RAD1022 Medical Radiation Science: Physical principles |
| Year 2 Semester 1 | RAD2004 Pathophysiology for Medical Radiation Science 1 | RTS2101 Fundamentals of cancer and its management | RAD2005 Medical Radiation Science: Professional skills 1 | RAD2002 Medical Imaging anatomy |
| Year 2 Semester 2 | RAD2006 Pathophysiology for Medical Radiation Science 2 | RAD2001 Medical Imaging Science: Radiographic principles | RAD2007 Medical Radiation Science: Professional skills 2 | RAD2003 Medical Imaging Science: Nuclear Medicine |
| Year 3 Semester 1 | RAD3002 Medical Imaging Science: Computed tomography & Digital Image processing | RAD4503 Magnetic Resonance Imaging: Physics, instrumentation & safety | RAD3061 Medical Imaging Science (Ultrasound) | ONE OF: RTS4104 Radiation therapy principles and practice 1 OCC3041 Skills for evidence based practice 2 OCC3061 Health promotion in occupational therapy *BEX2750 - Monash innovation guarantee (Summer B) |
| Year 3 Semester 2 | ONE OF: FIT3180 Data management for health informatics BMS1042 - Public health and preventive medicine PBH3012 - Translating research into practice *BEX2750 - Monash innovation guarantee (Summer B) | RTS4101 Radiation therapy science 1 | RTS4103 Radiation therapy science 3 | ONE OF: RTS4105 Radiation therapy principles and practice 2 FOR3001 - Principles of forensic medicine and science AHC3001 - Communication in health and disability *BEX2750 - Monash innovation guarantee (Summer B) |
| | Foundation Studies | | | |
| | Radiation Sciences | | | |

*Students who choose BEX2750 are advised to complete it in Summer B between years 1 and 2, or between years 2 and 3. Enrolment in Summer B after year 3 will mean that your [graduation](#) will be delayed.

Course progression map for 2022 commencing students

This progression map provides advice on the suitable sequencing of units and guidance on how to plan unit enrolment for each semester of study. It does not substitute for the list of required units as described in the course 'Requirements' section of the [Handbook](#).

M2017 Bachelor of Radiation Sciences

M20171 Bachelor of Radiation Sciences: Informatics specialisation

| | | | | |
|----------------------|---|---|--|--|
| Year 1 Semester 1 | BMA1011 Foundations of anatomy and physiology for health practice 1 (6CP) | HSC1100 Introduction to research and evidence (6CP) | FIT1051 Programming fundamentals in java (6CP) | RAD1081 Foundations in medical radiation physics (6CP) |
| Year 1 Semester 2 | BMA1012 Foundations of anatomy and physiology for health practice 2 (6CP) | Unit FIT1047 Introduction to computer systems, networks and security (6CP) | FIT1043 Introduction to data science (6CP) | RAD1022 Medical Radiation Science: Physical principles (6CP) |
| Year 2 Semester 1 | Unit RAD2004 Pathophysiology for Medical Radiation Science 1 (6CP) | RTS2101 Fundamentals of cancer and its management (6CP) | RAD2005 Medical Radiation Science: Professional Skills 1 (6CP) | RAD2002 Medical Imaging anatomy (6CP) |
| Year 2 Semester 2 | RAD2006 Pathophysiology for Medical Radiation Science 2(6CP) | RAD2001 Medical Imaging Science: Radiographic principles (6CP) | RAD2003 Medical Imaging Science: Nuclear Medicine (6CP) | FIT1049 IT Professional Practice (6CP) |
| Year 3 Semester 1 | RAD3002 Medical Imaging Science: Computed tomography + Digital Image processing (6CP) | RAD4503 Magnetic Resonance Imaging: Physics, instrumentation & safety (6CP) | RAD3061 Medical Imaging Science (Ultrasound) (6CP) | FIT2094 – Databases (6CP) |
| Year 3 Semester 2 | FIT3146 Maker Lab (6CP) | FIT2002 Project Management (6CP) | FIT2001 System development (6CP) | FIT3179 Data visualisation (6CP) |