

生物醫學影像暨放射科學系 碩士班110 學年度

最低修業年限	1
應修學分數	24
應修(應選)課程及符合畢業資格之修課相關規定	<p>(一) 必修科目：</p> <p>1. 共同必修科目： 基礎放射生物學、基礎放射物理學及保健物理學為必修課程，學分數不列入畢業24學分，大學期間(含二技)曾修習者得免修。</p> <p>2. 專題討論：4學分。</p> <p>3. 學術研究倫理：0學分。</p> <p>甲組(醫學影像暨物理組)：生醫影像暨放射科學概論，高等放射物理學。 必選：臨床物理及儀器學、生醫影像原理與應用、蒙地卡羅計算3選1</p> <p>乙組(分子影像暨核醫藥物組)：生醫影像暨放射科學概論，高等放射生物學、生物統計學。 必選：生物醫學分子影像概論、分子基因影像原理與技術2選1</p> <p>(二) 選修科目：選修範圍以本校教務處該學期公佈之課程表為準。</p> <p>(三) 選課、加退選課悉依本校學則及相關規定辦理。</p> <p>(四) 外修：外校選修以5學分為限。</p>
備註	

Department of Biomedical Imaging and Radiological Sciences
Master Program
Academic Year 2021

Mini. Term of Study	1
Minimum Credits	24
Curriculum and Regulations	<p>(1) Required subjects:</p> <p>1. Common required subjects: Basic radiobiology, basic radiology physics and health physics are required courses. Credits are not included in the 24 credits for graduation. Those who have taken these courses during university (including two-year technical program) are exempt.</p> <p>2. Seminar: 4 credits.</p> <p>3. Academic research ethics: 0 credits.</p> <p>Group A (Medical Imaging and Physics Group): Introduction to Biomedical Imaging and Radiology, Advanced Radiology Physics. Must-have: Clinical Physics and Instrumentation, Principles and Applications of Biomedical Imaging, Monte Carlo Calculations (Choose one from three).</p> <p>Group B (Molecular Imaging and Nuclear Medicines Group): Introduction to Biomedical Imaging and Radiology, Advanced Radiobiology, and Biostatistics. Must-have: Introduction to Biomedical Molecular Imaging, Principles and Techniques of Molecular Gene Imaging (Choose one from two).</p> <p>(2) Elective subjects: The scope of elective subjects is subject to the curriculum announced by the Academic Affairs Office of the university during the semester.</p> <p>(3) Course selection, addition and withdrawal of courses shall be handled in accordance with the school's academic rules and relevant regulations.</p> <p>(4) External courses: Elective courses from other schools are limited to 5 credits.</p>