

**【Master's course】Graduate School of Biostudies  
Global Frontier in Life Science**

<p>DP (1) Broader-based scholarly knowledge; research capability in their field of specialization; and advanced, specialized knowledge required for occupations that demand advanced expertise.</p>	<p>DP (2) Firm ethical integrity and a sense of responsibility in academic research in the life sciences field.</p>	<p>DP (3) Appropriate capabilities in research implementation in order to set topics and themes based on scholarly knowledge, techniques, and skills in the life sciences field, and to achieve solutions and development thereof.</p>	<p>DP (4) Appropriate skills in theoretical explanation and communication required to promote one's research findings to researchers in one's own specialization and fields related thereto, and to deepen mutual understanding.</p>	<p>DP (5) A master's thesis, presented with theoretical rigor and clarity, with appropriate setting of research goals, planning, and execution of experimental work related thereto and discussion in regard to the findings thereof.</p>	
<p><b>Master's Thesis</b></p>					
<p><b>Total: 30 credits + Thesis</b></p>					
<p>Master's course</p>	<p>1st, 2nd Grade</p>	<p>*Overseas Research Project 1</p> <p>(E) Life Science: From Basics to Applications, From Molecular Biology to Systems Biology</p> <p><b>Compulsory Subject 1 credit (E): English</b></p>	<p>(E) Cancer Biology</p> <p>* (E) Cellular &amp; Molecular Neuroscience</p> <p>* (E) Global Frontier in Life Science B</p> <p>(E) Advanced Molecular and Cell Biology II</p> <p>* (E) Basic English Discussion in Life Science II</p> <p>(E) Global Frontier in Life Science A</p> <p>(E) Advanced Molecular and Cell Biology I</p> <p>* (E) Basic English Discussion in Life Science I</p> <p>* Beginning Science</p> <p><b>Elective Subjects 9 Credits (5 or more credits should be selected from (E) subjects) *: 1 credit, others 2 credits (E): English</b></p>	<p><b>Experimental Course / Seminars Compulsory Subjects 20 credits (Each Laboratory : 5 credits per semester)</b></p>	<p><b>Extra Activities</b></p> <p>Consultation with sub-advisors</p> <p>International Students' Seminar</p> <p>English Communication Practicum in Life Science</p> <p>Short-term study at foreign universities (National Taiwan U, U Montpellier)</p>
<p>Recommended subjects to be learned at university: Cell Biology, Molecular Biology, Biochemistry etc.</p>					