

生物科技學系碩士班

111 學年度

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| 最低修業年限 | 一年 |
| 應修學分數 | 24 學分(含書報討論及論文研究) |
| 應修(應選)課程及符合畢業資格之修課相關規定 | <p>一、碩士班必修課程</p> <p>1. 下列課程任選至少 4 學分： 生物有機化學、光電生物物理技術、演化生物學、高等生物化學及分子生物學、免疫學、蛋白質物理生化學、結構生物學。</p> <p>2. 專題演講及論文研究，每學期各一學分，各不得少於四學分。</p> <p>3. 碩士班書報討論:1 學分。</p> <p>二、課程與學分</p> <p>1. 選讀非生科相關課程最多以三學分為原則，選修非本院開設之生科相關課程最多亦以三學分為原則。</p> <p>2. 抵免學分依本校學生抵免學分辦法辦理，由課程委員會審定之。</p> <p>3. 抵修必修課學分必須先向課程委員會提出後討論決定。</p> <p>4. 未盡事宜，悉依相關規定辦理。</p> |

Department of Biological Science and Technology Master Program

Academic Year 2022

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| Mini. Term of Study | One Year |
| Minimum Credits | 24 Credits |
| Curriculum and Regulations | <p>I. Mandatory:</p> <p>1. Minimal 4 credits are required from the following courses: Bioorganic Chemistry, Optical and Electrical Techniques in Biophysics, Evolutionary Biology, Advanced Biochemistry & Molecular Biology, Immunology, Physical Biochemistry of Protein, Structural Biology.</p> <p>2. Departmental Seminar A and Thesis in Biological Science and Technology are counted for one credit each per semester. A total of no fewer than four credits each are required.</p> <p>3. Special Topics Seminar (for Master) :1 credit.</p> <p>II. Regulations on academic credits and course choosing:</p> <p>1. For non-biology related courses, there is a limit of three academic credits; the same limit goes for biology-related courses outside of the Department.</p> <p>2. Credit exemption will be approved by the Curriculum Committee as per NCTU regulations.</p> <p>3. Students who wish to apply for exemption for required core courses must propose to the Curriculum Committee, who will then deliberate on action.</p> <p>4. Any other outstanding issues will be handled by relevant regulations.</p> |

生物科技學系博士班

111 學年度

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| 最低修業年限 | 二年 |
| 應修學分數 | <p>(一)、甲組適用</p> <ol style="list-style-type: none"> 1. 在規定修業年限內需修滿 15 學分 (不含論文研究及專題演講)，其中本院課程不得少於 9 學分 (即本院以外各系所學分不得多於 6 學分)；逕行修讀博士學位者至少應修滿 30 學分 (含專題演講與碩士班所修課程學分，但不含碩班論文研究)，其中本院課程不得少於 24 學分 (不含論文研究及專題演講)。 2. 修業期間需完成一門課程及一門實驗課之助教，如有教學經驗者，可提出申請抵免。 <p>(二)、乙組適用(醫學士博士)</p> <ol style="list-style-type: none"> 1. 在規定修業年限內需修滿 15 學分 (不含論文研究及專題演講)。 2. 指導教授為生科院教師者，其本院課程不得少於 9 學分；指導教授為生科院以外教師者，其選修之課程，須於每學期開學後一週內送本系課程委員會審定，而課程委員會應邀請相關之院外教師參與審定。 |
| 逕博應修學分數 | 逕行修讀博士學位者至少應修滿 30 學分(含專題演講與碩士班所修課程學分，但不含碩班論文研究，)，其中本所課程不得少於 24 學分(不含論文研究及專題演講)。 |
| 應修(應選)課程及符合畢業資格之修課相關規定 | <p>一、博士班必修課程</p> <p>(一)甲組適用</p> <ol style="list-style-type: none"> 1. 專題演講 (需修滿 4 學分) 2. 博士班書報討論 (需修滿 2 學分) 3. 論文研究 (需修滿 4 學分) 4. 下列課程任選至少 4 學分： 生物有機化學、光電生物物理技術、演化生物學、高等生物化學及分子生物學、免疫學、蛋白質物理生化學、結構生物學。 <p>(二)乙組適用(醫學士博士)</p> <ol style="list-style-type: none"> 1. 專題演講 (需修滿 4 學分) 2. 博士班書報討論 (需修滿 2 學分) <p>二、課程與學分</p> <ol style="list-style-type: none"> 1. 抵免學分依本校學生抵免學分辦法辦理，由課程委員會審定之。 2. 研究生可抵免學分之總數，以應修畢業學分數三分之一為上限。 3. 乙組研究生可抵免學分之課程與總數，由課程委員會審定之。 4. 未盡事宜，悉依相關規定辦理。 |

Department of Biological Science and Technology Ph. D. Program

Academic Year 2022

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| Mini. Term of Study | Two Year |
| Minimum Credits | <p>I. For Division A Students:</p> <ol style="list-style-type: none"> 1. Students must complete 15 credits of coursework during their term of study (not including credits of Thesis in Biological Science and Technology and Departmental Seminar A), with no less than 9 credits from home College (therefore no more than 6 credits from other departments and colleges.) Students in direct-Ph.D. track must complete at least 30 credits (including Departmental Seminar A and master's program coursework, but not including Thesis in Biological Science and Technology for master's thesis research), with no less than 24 credits from the College (not including Thesis in Biological Science and Technology and Departmental Seminars A.) 2. A student must have served as a teaching assistant for both one regular course and one lab course during their term of study. Those with teaching experience may apply for exemption. <p>II. For Division B Students (Ph. D. for M. D. program):</p> <ol style="list-style-type: none"> 1. Students must complete at least 15 credits (not including Thesis in Biological Science and Technology and Departmental Seminars A) during their term of study. |

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| | <p>2. For students whose dissertation advisors are from the College of Biological Science and Technology, they must take no fewer than 9 credits from the home College. For students whose dissertation advisors are not from the home College, their course list must be sent to the Curriculum Committee of the Department for review within one week right after each semester begins. The Committee will invite relevant faculty members from outside of the department to participate in the review process.</p> |
| <p>Curriculum and Regulations</p> | <p>I. Mandatory:</p> <p>A. For Division A Students: 1. Departmental Seminar A (4 credits) 2. Special Topics Seminar (for Ph.D.) (2 credits) 3. Thesis in Biological Science and Technology (4 credits) 4. Minimal 4 credits are required from the following courses: Bioorganic Chemistry, Optical and Electrical Techniques in Biophysics, Evolutionary Biology, Advanced Biochemistry & Molecular Biology, Immunology, Physical Biochemistry of Protein, Structural Biology.</p> <p>B. For Division B Students (Ph. D. for M. D. program): 1. Departmental Seminar A (4 credits) 2. Special Topics Seminar (for Ph.D.) (2 credits)</p> <p>II. Regulations on academic credits and course choosing:</p> <ol style="list-style-type: none"> 1. Credit exemption will abide by the NYCU Regulations of Credit Exemption and be decided by the Curriculum Committee. 2. Students in Division A have an exemption limit of up to 1/3 of their total required credits. 3. Students in Division B will be screened by the Curriculum Committee on course exemption. 4. Items not stated herein are subject to relevant regulations. |