

Biotechnology Program Course

Numbers	Subject(Chinese)	Subject	College	Departments	Grade	Teacher	Credit Points	Others
College of Agriculture								
Department of Agronomy								
33100035	分子生物學	Molecular Biology	College of Agriculture	Department of Agronomy	三	Ho, Shin-Lon	3	required course
33100046	植物基因轉殖	Gene Transfer Technology of Plants	College of Agriculture	Department of Agronomy	三	Ho, Shin-Lon	2	selective course
33100042	作物組織培養	Introduction of Plant Tissue culture	College of Agriculture	Department of Agronomy	三	Huang, Wen-Lii 、 Huang, Chieh-Li 、 Liao, Yue Ken	2	selective course
33100043	作物組織培養實驗	Experiment of Plant Tissue culture	College of Agriculture	Department of Agronomy	三	Huang, Wen-Lii	1	selective course
33100141	基因改造食品檢驗與實習		College of Agriculture	Department of Agronomy	四	Huang, Wen-Lii	2	selective course
Department of Horticultural Science								
33200046	植物分子生物學	Plant MolecularBiology	College of Agriculture	Department of Horticultural Science	三	Hsu, Shan-Te	3	selective course
33200058	生物技術概論	Introduction to Biotechnology	College of Agriculture	Department of Horticultural Science	三	Hsu, Shan-Te	2	selective course
23200050	植物基因轉殖	Plant Gene Manipulation	College of Agriculture	Department of Horticultural Science	研一	Hsu, Shan-Te	3	selective course

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33200054	植物組織培養	Plant Propagation	College of Agriculture	Department of Horticultural Science	三	Shen, Rong-Show	2	selective course
33200055	植物組織培養實習	Lab. of Plant Propagation	College of Agriculture	Department of Horticultural Science	三	Shen, Rong-Show	1	selective course
Institute of Agricultural Biotechnology								
33B00046	分子生物學	Molecular Biology	College of Agriculture	Institute of Agricultural Biotechnology	三	Chuang, Huey-wen	3	required course
33B00014 33B00015	植物生理學及實驗	Plant Physiology	College of Agriculture	Institute of Agricultural Biotechnology	二	Chuang, Huey-wen	3	required course
33B00065 33B00066	進階生物技術及實習	Biotechnology Adevence Technology	College of Agriculture	Institute of Agricultural Biotechnology	二	Chen, Peng-Wen	3	required course
33B00094 33B00095	組織及細胞培養及實驗	Tissues and Cells culture	College of Agriculture	Institute of Agricultural Biotechnology	二	Chang, Yueh-Long · Wu, Hsi-Tien	3	required course
33B00043	細胞生物學	Cell Biology	College of Agriculture	Institute of Agricultural Biotechnology	三	Wu, Hsi-Tien	2	selective course
33B00098	動物生殖技術		College of Agriculture	Institute of Agricultural Biotechnology	三	Wu, Hsi-Tien · Lee, Hu-Hui	2	required course

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23C00008	植物基因轉殖	Gene Transformation of Plant	College of Agriculture	Institute of Agricultural Biotechnology	研一	Chen, Peng-Wen	2	selective course
33B00030	免疫學	Immunology	College of Agriculture	Department of BioAgricultural Science	三	Chang, Wen-Hsing	2	selective course
33B00114	酵素學	Enzymology	College of Agriculture	Department of BioAgricultural Science	二	Chang, Wen-Hsing	2	selective course
Department of Animal Science								
Y3500129	生物技術	Biotechnology	College of Agriculture	Department of Animal Science	三	Horng, Yan-Ming	2	selective course
Department of								
33300137	植物組織培養	Plant tissue culture	College of Agriculture	Department of Forestry	三	Liao, Yue Ken	2	selective course
College of Life Sciences								
Department of Aquatic Biosciences								
35300088	水產生物技術	Aquatic Biotechnology	College of Life Sciences	Department of Aquatic Biosciences	一	Chen, Che-Chun	2	selective course
35300110(3530011)	魚類組織培養及魚類組織培養實驗		College of Life Sciences	Department of Aquatic Biosciences	三	Chen, Che-Chun	3	selective course
35300112	水產分子生物學	Molecular Biology of aquatic animals	College of Life Sciences	Department of Aquatic Biosciences	四	Kuo, Chien-Hsien	2	selective course
35300147	水產科技產業		College of Life Sciences	Department of Aquatic Biosciences			2	selective course

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25300080	環境生物檢測與分析	Environmental Fish Biology	College of Life Sciences	Department of Aquatic Biosciences	三	Wu, Su-Mei	2	selective course
Department of Microbiology, Immunology and Biopharmaceutics								
35600102	分子生物學	Molecular Biology	College of Life Sciences	Department of Microbiology, Immunology and Biopharmaceut	二	Chu, Chishih	3	required course
35600031	細胞組織培養技術	Cell Culture Technique	College of Life Sciences	Department of Microbiology, Immunology and Biopharmaceut	二	Weng, Bor-Chun	2	selective course
33B00134 (正課) 33B00135 (實習)	基礎生物技術及實習	Biotechnology Basic Techniques	College of Life Sciences	Department of Microbiology, Immunology and Biopharmaceut	三	Chu, Chishih	3	required course
35600081	生物醫藥產業趨勢	Trends in Biomedical Industry	College of Life Sciences	Department of Microbiology, Immunology and Biopharmaceut	三	Hsieh, Chia-Wen	3	selective course
35600092	分子檢驗技術	Molecular Diagnostics	College of Life Sciences	Department of Microbiology, Immunology and Biopharmaceut	三		2	selective course

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35600092	分子檢驗技術	Molecular Diagnostics	College of Life Sciences	Department of Microbiology, Immunology and Biopharmaceut	三	Wang, Shao-Hung	3	selective course
35600066	人體生理學	Human Physiology	College of Life Sciences	Department of Microbiology, Immunology and Biopharmaceut	三	Wung, Being-Sun	2	selective course
35600119	生物醫學專論	the Special Topics in Biomedical	College of Life Sciences	Department of Microbiology, Immunology and Biopharmaceut	三		2	selective course
35600064	免疫學	Immunology	College of Life Sciences	Department of Microbiology, Immunology and Biopharmaceut	三	Weng, Bor-Chun、Chuang, Jing-Jing	3	required course
35600108	生物資訊	Bioinformatics	College of Life Sciences	Department of Microbiology, Immunology and Biopharmaceut	五	Chu, Chishih	2	selective course
35600048	病毒學	Virology	College of Life Sciences	Department of Microbiology, Immunology and Biopharmaceut	二	Tsai, Tzung-Chieh	2	selective course

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35500068	病毒學	Virology	College of Life Sciences	Department of Microbiology, Immunology and Biopharmaceut	二	Tsai, Tzung-Chieh	2	selective course
35500142	基礎生物技術及實習	Biotechnology Basic Techniques	College of Life Sciences	Department of Microbiology, Immunology and Biopharmaceut	三	Chu, Chishih	3	required course
35600021	生物技術概論		College of Life Sciences	Department of Microbiology, Immunology and Biopharmaceut	二	Chu, Chishih、Chin, Li-Te	2	selective course
生物資源學系								
	植物組織培養實驗		College of Life Sciences	Department of Biological Resources	二		2	selective course
35200082	免疫學在植物上之應用	Application of immunology on Plants	College of Life Sciences	Department of Biological Resources	四		2	selective course
生化科技學系								
35500043	生理學	Physiology	College of Life Sciences	Department of Biochemical Science and Technology	一	Yang, Yi-Ling	2	selective course
35500020	植物組織培養	Plant tissue culture	College of Life Sciences	Department of Biochemical Science and Technology	一	Tsai, Chu Tsai	2	selective course

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35500077	植物組織培養實驗	Experiment of Plant tissue culture	College of Life Sciences	Department of Biochemical Science and Technology	一	Tsai, Chu Tsai	1	selective course
35500092	生物醫學	Biomedical Science	College of Life Sciences	Department of Biochemical Science and Technology	二	Liao, Hui-Fen	2	selective course
35500055	細胞培養技術	Techniaues Cell Culture	College of Life Sciences	Department of Biochemical Science and Technology	二	Su, Jyan-Gwo	2	selective course
35500029	儀器分析	Instrumental Analysis	College of Life Sciences	Department of Biochemical Science and Technology	三	Wu, Jin-Yi 、Chen, Lih-Geeng	2	selective course
35500084	分子生物學	Molecular Biology	College of Life Sciences	Department of Biochemical Science and Technology	三	Su, Jyan-Gwo	2	required course
35500082	免疫學	Immunology	College of Life Sciences	Department of Biochemical Science and Technology	三	Liao, Hui-Fen	2	selective course
35500069	酵素學	Enzymology	College of Life Sciences	Department of Biochemical Science and Technology	三	Ong, Ping-Lin	2	selective course

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35500093	蛋白質化學	Protein Chemistry	College of Life Sciences	Department of Biochemical Science and Technology	三	Ong, Ping-Lin	2	selective course
35500120	神經科學	Neuroscience	College of Life Sciences	Department of Biochemical Science and Technology	三	Yang, Yi-Ling	2	selective course
35500126	生物資訊	Bioinformatics	College of Life Sciences	Department of Biochemical Science and Technology	三	Chu, Chishih 、 Ong, Ping-Lin	2	selective course
35500221	分子腫瘤學	Molecular Oncology	College of Life Sciences	Department of Biochemical Science and Technology	三	Lin, Yun-Wei	2	selective course
25400044	聚合酶連鎖反應原理與應用(PCR運用)	Principles and Applications of PCR	College of Life Sciences	Department of Biochemical Science and Technology	四	Wo, Yu-Yuan	2	selective course
35500125	生化工程學	Biochemical Engineering	College of Life Sciences	Department of Biochemical Science and Technology	四		2	selective course