

2022 Spring MBAS Course List

*Important dates

Course registration: 1/24-1/26 Add/drop course: 2/14-2/20 Semester class begin: 2/14

Mid-term exam: 4/18-4/22 Final exam: 6/13-6/17 Grade submission: before 6/24

National Holiday: 2/28 (Mon.); 4/4-4/ (Mon.-Tue.)

MBAS course offering

code	course name	type	credit	time & classroom	coordinator	program
8023	Molecular & Cellular Approaches to Biotechnologies (分子與細胞生物科技)	core	3	Begin on 2/14 Mon. 14:00-17:00 A236, 2F, Agricultural Technology building	Dr. Pei-Wen Hsiao ABRC	MBAS
8024	Advanced Microbiology (微生物學特論) (NCHU system shows: Special Topics in Microbiology)	core	3	Begin on 2/15 Tue. 15:00-17:00 A236, 2F, Agricultural Technology building	Dr. Chih-Horng Kuo IPMB	MBAS
8016	Student Seminar (專題討論與學術研討會) *1 st & 2 nd year students only	required	1	Begin on 2/16 Wed. 13:00-15:00 A236, 2F, Agricultural Technology building	Dr. Kuo-Chen Yeh ABRC	MBAS
8027	Lab Rotation (實驗室實習) *1 st year students only	required	1	Begin on 2/14 Mon. 9:00- AS or NCHU campus	MBAS faculty	MBAS

MBAS courses only offered to 2nd year and above year students

code	course name	type	credit	time & classroom	coordinator	program
----	Ph.D. Dissertation (博士論文) *Required for students from 2 nd year to 7 th year.	required	6	Whole semester	MBAS faculty	MBAS
Each student can only select 1 research topic from all 4 topics per semester.						
8010	Microbial Biology Research on Molecular & Biological Agricultural Sciences (專題研究: 分子生物農 業科學之微生物學)	elective	1	Begin on 2/14 AS or NCHU campus	MBAS thesis advisor	MBAS
8011	Genomics Research on Molecular & Biological Agricultural Sciences (專題研究: 分子生物農 業科學之基因體學研究)					
8012	Biodiversity Research on Molecular & Biological Agricultural Sciences (專題研究: 分子生物農 業科學之生物多樣性研 究)					
8013	Physiology Research Research on Molecular & Biological Agricultural Sciences (專題研究: 分子生物農 業科學之生理學研究)					
Each student can only select 1 literature topic from all 4 topics per semester.						
8096	Literature Review of Microbial Biology on Molecular & Biological Agricultural Sciences (文獻選讀: 分子生物農 業科學之微生物學)	elective	1	Begin on 2/14 AS or NCHU campus	MBAS thesis advisor	MBAS
8097	Literature Review of Genomics Research on Molecular & Biological Agricultural Sciences (文獻選讀: 分子生物農 業科學之基因體學)					MBAS
8098	Literature Review of Biodiversity Research on Molecular & Biological Agricultural Sciences (文獻選讀: 分子生物農 業科學之生物多樣性)					MBAS
8099	Literature Review of Physiology Research on Molecular & Biological Agricultural Sciences (文獻選讀: 分子生物農 業科學之生理學)					MBAS

Course offering from other TIGP programs

code	course name	type	credit	time & classroom	coordinator	Program
8080	TIGP Signature Course: Ecology Masteclss @ Taiwan (EMT): Next-generation mentality and Knowledge for Conservation 生態進階課程	elective	3	Begin on: 2/18 Fri. 9:10-12:10 1.B204, 2F, Interdisciplinary Building, Academia Sinica (BRC Building) 2.Lab, Biodiversity Research Center 3.Marine Research Station, Yilan	Biodiv faculty	Biodiversity
8025	Experimental Molecular Biophysics (實驗分子生物物理學)	elective	3	Begin on: 2/15 Tue. 14:00-17:00 Rm208, Institute of Biological Chemistry	CBMB faculty	CBMB
8029	Pharmaceutical Chemistry (藥物化學)	elective	2	To be announced: https://w1.abc.sinica.edu.t w/ucd-as/calendar.aspx	CBMB faculty	CBMB
8026	Professional Developments for a Graduate Student (學術研究的專業素養與倫理養成)	elective	2	Begin on 3/4 Thu. 14:00-16:00 Auditorium, 1F, Institute of Molecular Biology	MCB faculty	MCB
8019	Biological Computing II (生物計算學 II) (new name: Advanced Algorithms 高等演算法)	elective	3	Begin on: 2/18 Fri. 14:00-17:00 Rm.107, Institute of Information Science (New Building)	Bio faculty	Bioinformatics
8018	Basic Molecular Biology II (基礎分子生物學 II)	elective	3	Begin on: 2/15 Bioinformatics program Tue. 9:00-12:00 Rm.107, Institute of Information Science (New Building)	Bio faculty	Bioinformatics
----	Elementary Chinese (初級中文) *1 st year foreign student only	required	0	Begin on 2/14 or 2/17 Mon. (2/14) 18:30-21:00 or Thu. (2/17) 18:30-21:00 Room 207, TIGP Building	Mon: 戚恕平 Thu: 黃資芳	TIGP