

## 2023 Spring MBAS Course List

### \*Important dates

Course registration: 2/6-2/8 Add/drop course: 2/13-2/19 Semester class begin: 2/13

Mid-term exam: 4/17-4/21 Final exam: 6/12-6/17 Grade submission: before 6/26

National Holiday: 2/27-2/28 (Mon.-Tue.); 4/3-4/5 (Mon.-Wed.)

### MBAS course offering

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

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

course name	type	credit	time & classroom	coordinator	program
<b>Ph.D. Dissertation</b> (博士論文) *Required for students from 2 <sup>nd</sup> year to 7 <sup>th</sup> year.	required	6	Whole semester	MBAS faculty	MBAS
Each student can only select 1 research topic from all 4 topics per semester.					
<b>Microbial Biology</b> 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 2/13 AS or NCHU	MBAS thesis advisor	MBAS
<b>Genomics Research</b> on Molecular & Biological Agricultural Sciences (專題研究: 分子生物農業科學之基因體學研究)	elective	1		MBAS thesis advisor	MBAS
<b>Biodiversity Research</b> 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)	elective	1		MBAS thesis advisor	MBAS
<b>Physiology Research</b> Research on Molecular & Biological Agricultural Sciences (專題研究: 分子生物農業科學之生理學研究)	elective	1		MBAS thesis advisor	MBAS
Each student can only select 1 literature topic from all 4 topics per semester.					
<b>Literature Review of Microbial Biology</b> 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 2/13 AS or NCHU	MBAS thesis advisor	MBAS
<b>Literature Review of Genomics Research</b> on Molecular & Biological Agricultural Sciences (文獻選讀: 分子生物農業科學之基因體學)	elective	1		MBAS thesis advisor	MBAS
<b>Literature Review of Biodiversity Research</b> on Molecular & Biological Agricultural Sciences (文獻選讀: 分子生物農業科學之生物多樣性)	elective	1		MBAS thesis advisor	MBAS
<b>Literature Review of Physiology Research</b> on Molecular & Biological Agricultural Sciences (文獻選讀: 分子生物農業科學之生理學)	elective	1		MBAS thesis advisor	MBAS

## Course offering from other TIGP programs

course name	type	credit	time & classroom	coordinator	Program
<b>Professional Developments for a Graduate Student</b> (學術研究的專業素養與倫理養成)	elective	2	Begin on 2/23 Thu. 14:00-16:00 Auditorium, 1F, Institute of Molecular Biology	MCB faculty	MCB
<b>Ecology Masteclass @ Taiwan (EMT): Ecology &amp; Evolution of Marine Symbiosis Diversity</b> 生態進階課程	elective	3	Begin on: 2/17 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
<b>Biological Computing II</b> (生物計算學 II) (new name: <b>Advanced Algorithms</b> 高等演算法)	elective	3	Begin on 2/17 Fri. 14:00-17:00 Rm.308, Institute of Information Science (New Building)	Bio faculty	Bioinformatics
<b>Basic Molecular Biology II</b> (基礎分子生物學 II)	elective	3	Begin on 2/14 Tue. 9:00-12:00 Rm. 308, Institute of Information Science (New Building)	Bio faculty	Bioinformatics
<b>Elementary Chinese (初級中文)</b> *1 <sup>st</sup> year foreign student only	required	0	Begin on 2/15 Wed. 18:30-21:30 Room 207, TIGP Building	Ms. 黃資芳	TIGP