

2023 Fall MBAS Course List

***Important dates**

Course registration: 8/28 (10:00am) -8/30 (8:00am)

Add/drop course: 9/4 (10:00am)-9/9 (8:00am)

Class begins: 9/4 Mid-term exam: 11/7-11/11 Final exam: 1/2-1/8 Grade submission: before 1/12

National holidays: 9/29 (Fri.); 10/9 (Mon.); 10/10 (Tue.); 1/1 (Mon.)

code	course name	type	credit	time & classroom	coordinator	program
XXXX	<p>TIGP signature course [Part I]: Core approaches for current molecular biology research (當代分子生物學研究核心方法) 1st year students only: This course will be combined with a Fall semester's core course "Molecular & Cellular Approaches to Biotechnologies". After you finish taking [Part I] & [Part II], you will receive totally 3 credits from the core course in Spring semester.</p>	core		<p>Begin on 9/18 Mon. 13:30-16:20 Auditorum, 1F, Inst. of Molecular Biology</p>	Dr. Pei-Wen Hsiao ABRC	MBAS +MCB+ MM
8028	Advanced Plant Biology (植物生物學特論)	core	3	<p>Begin on 9/5 Tue. 14:00-17:00 A236, Agricultural Technology building</p>	Dr. Chung-Ju Wang IPMB	MBAS
8016	Advanced Animal Biology (動物生物學特論)	core	3	<p>Begin on 9/7 Thu. 14:00-17:00 A236, Agricultural Technology building</p>	Dr. Chen-Hui Chen ICOB	MBAS
8019	Student Seminar (專題討論與學術研討會) 1 st and 2 nd year students only	Required	1	<p>Begin on 9/6 Wed. 13:00-15:00 A236, AT building</p>	Dr. Ho-Ming Chen ABRC	MBAS
8022	Lab Rotation (實驗室實習) 1 st year students only	required	1	<p>Begin on 9/4 Mon.(working hours) AS or NCHU campus</p>	MBAS faculty	MBAS

MBAS courses offering for 2nd year and senior year students only

code	course name	type	credit	time & classroom	coordinator	program
XXXX	Ph.D. Dissertation (博士論文) *Required for students from 2 nd year to 7 th year	required	6	All semester	MBAS faculty	MBAS
8008	Writing a good quality research article in English (學術論文寫作)	elective	1	9/4; 9/6; 9/11; 9/13; 9/18; 9/25 (Mon. & Wed.) 14:00-17:00	Dr. Kuo-Chen Yeh Ms. Miranda Loney (English editor) ABRC	MBAS
Each student can only select 1 research topic from all 4 topics per semester.						
8231	Agricultural Biotechnology Research on Molecular & Biological Agricultural Sciences (專題研究: 分子生物農業科學之農業生物科技研究)	elective	1	Begin on 9/4 AS or NCHU campus	MBAS thesis advisor	MBAS
8232	Animal Biology Research on Molecular & Biological Agricultural Sciences (專題研究: 分子生物農業科學之動物學研究)	elective	1	Begin on 9/4 AS or NCHU campus	MBAS thesis advisor	MBAS
8233	Plant Biology Research on Molecular & Biological Agricultural Sciences (專題研究: 分子生物農業科學之植物學研究)	elective	1	Begin on 9/4 AS or NCHU campus	MBAS thesis advisor	MBAS
8234	Molecular Biology Research on Molecular & Biological Agricultural Sciences (專題研究: 分子生物農業科學之分子生物學研究)	elective	1	Begin on 9/4 AS or NCHU campus	MBAS thesis advisor	MBAS
Each student can only select 1 literature topic from all 4 topics per semester.						
8238	Literature Review of Agricultural Biotechnology on Molecular & Biological Agricultural Sciences (文獻選讀: 分子生物農業科學之農業生物科技)	elective	1	Begin on 9/4 AS or NCHU campus	MBAS thesis advisor	MBAS
8235	Literature Review of Animal Biology on Molecular & Biological Agricultural Sciences (文獻選讀: 分子生物農業科學之動物學)	elective	1	Begin on 9/4 AS or NCHU campus	MBAS thesis advisor	MBAS
8236	Literature Review of Plant Biology on Molecular & Biological Agricultural	elective	1	Begin on 9/4	MBAS thesis advisor	MBAS

	Sciences (文獻選讀: 分子生物農業科學之植物學)			AS or NCHU campus		
8237	Literature Review of Molecular Biology on Molecular & Biological Agricultural Sciences (文獻選讀: 分子生物農業科學之分子生物學)	elective	1	Begin on 9/4 AS or NCHU campus	MBAS thesis advisor	MBAS

Course offering from other TIGP programs

code	course name	type	credit	time & classroom	coordinator	program
8024	<p>TIGP signature course:</p> <p>Special Topics I (Core approaches for current molecular biology research) (生物學暨生物科技特論一)</p> <p>*1st year students are suggested to combine this course with Spring semester's core course (3 course credits). Please refer to Page 1.</p>	elective	2	<p>Begin on 9/18</p> <p>Mon. 13:30-16:20</p> <p>Auditorium, 1F, Inst. of Molecular Biology</p>	MCB faculty	MCB
8026	<p>Experimental Approaches in Molecular and Cell Biology (分子與細胞學之研究系統與方法)</p>	elective	1	<p>9/4, 9/11, 12/4, 12/11, 12/18, 12/25, 1/8</p> <p>15:30-17:20</p> <p>Rm123, 1F, Inst. of Molecular Biology</p>	MCB faculty	MCB
8017	<p>Molecular and Cell Biology (分子與細胞生物學)</p>	elective	4	<p>Begin on 9/4</p> <p>Mon. 10:00-11:50</p> <p>Thu. 14:30-16:20</p> <p>Rm123, Inst. of Molecular Biology</p>	MCB faculty	MCB
8027	<p>Advanced Chemical Biology (高等化學生物學專論)</p>	elective	4	<p>Begin on 9/4</p> <p>Mon. 13:20-15:10</p> <p>Thu. 13:20-15:10</p> <p>Room 121, Department of Chemistry, NTU</p>	CBMB faculty	CBMB
8020	<p>Basic Molecular Biology I (基礎分子生物學 I)</p>	elective	3	<p>Begin on 9/5</p> <p>Tue. 9:00-12:00</p> <p>Rm. 308, Institute of Statistical Science</p>	Bioinformatics faculty	Bioinformatics
8021	<p>Biological Computing I (生物計算學 I)</p>	elective	3	<p>Begin on 9/8</p> <p>Fri. 14:00-17:00</p> <p>Rm. 308, Institute of Statistical Science</p>	Bioinformatics faculty	Bioinformatics
8013	<p>Population Genetics and Evolution (族群遺傳與演化)</p>	elective	3	<p>Begin on 9/7</p> <p>Thu. 9:10-12:10</p> <p>Rm B204, 2F, Biodiversity Center</p>	Biodiversity faculty	Biodiversity
XXXX	Elementary Chinese (初級中文)	required	0	Begin on	Chinese teacher	TIGP

	*1 st year foreign student only			Tue. (9/12) 18:30-21:30 or Wed. (9/13) 18:30-21:30 Room 207, TIGP Building	from Chinese language center	
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