



WENZHOU-KEAN
UNIVERSITY

WENZHOU-KEAN UNIVERSITY
FOUR-YEAR ACADEMIC PLAN
BACHELOR OF SCIENCE IN BIOLOGY – CELL AND MOLECULAR OPTION

Program Notes:

- * The WKU B.S. in Biology Major (Cell and Molecular Option), requires a minimal cumulative GPA of 2.5 to remain in the major as well as for graduation.
- * Actual course sequence will vary by student/program and is based upon course availability
- * Some advanced courses in the major are offered only on a rotating basis and may vary by term offered.
- * Major elective & free electives and their availability vary according to registration demand and faculty availability. Selections are approved thru the advisement process.
- * Individual time to student's completion of graduation requirements will vary according to successful completion of prerequisites and other courses. This four-year plan is for guidance purposes only.
- * The semesters shown are Fall/Spring only. Some students may opt for intersession coursework (summer, etc.).

Name: _____ Student ID: _____

YEAR 1 – FRESHMAN

FALL	WINTER	SPRING	SUMMER
ESL 0303 - 3	Chinese 301003 – 2	ENG 1430 - 6	ESL 0403 - 3
ESL 0305 - 3	Chinese 301004 – 2	MATH 1016 - 3	ESL 0405 - 3
ENG 1300 - 6		CHEM 1084 - 4	Chemistry II
GE 1000 - 1		BIO 1300 - 4	General Biology I
CHEM1083 - 4	Chemistry I	PE 3xxxxx - 1	
PE 3xxxxx - 1			

YEAR 2 – SOPHOMORE

MATH 2415 - 4 Calculus I	PHYS 2092 - 4	Chinese 301001 - 2
PHYS 2091 - 4 General Physics I	GE 2024 - 3	Chinese 301002 - 2
CHEM 2581 - 3 Organic Chemistry I Lecture	COMM 1402 - 3	Chinese Art - 2
CHEM 2581L- 1 Organic Chemistry Lab	CHEM 2582 - 3 Organic Chemistry II Lecture	
BIO 1400 - 4 General Biology II	CHEM 2582L - 1 Organic Chemistry II Lab	
PE 3xxxxx - 1	BIO 3709 - 4 Principles of Genetics	

YEAR 3 – JUNIOR

HIST 1062 - 3	BIO 2910 - 3 Essentials of Bioformatics
GE Social Sci- 3	BIO 4316 - 3 Immunology Lecture
BIO 3315 - 3 Microbiology Lecture	BIO 4316L - 1 Immunology Lab
BIO 3315L - 1 Microbiology Lab	Major Elective- 4 (Ecology) ³
ENG 2403 - 3	Free Elective - 3
BCHM 4115 - 3 Biochemistry Lecture	GE Humanities- 3
BCHM 4115L- 1 Biochemistry Lab	
PE 3xxxxx - 1	

YEAR 4 – SENIOR

Major Elective – 3	Major Elective – 4
Major Elective – 3	Major Elective - 3
BIO Req. ¹ - 4	Free Elective - 3
Free Elective – 4	Bio 4980 – 3 Seminar in Integrative Biology
Free Elective – 3 ²	(Capstone Course)

¹This requirement must be filled with one of the following courses:

- BIO 4225 – Cell Physiology
- BIO 4325 – Applied Microbiology
- BIO 4700 – Molecular Genetics

Note: The remaining two classes can be used as Major electives

²At Dean's discretion, 3 credits of ENG 1300 to replace Math1054, 3 credits of ENG 1430 to replace ENG1030. 6 credits can be applied as Free Electives.

³This fulfills the writing emphasis course requirement
For Free Electives, 50% should be at 3000-4000 level.