AY2021-22 CURRICULUM FOR BIOLOGICAL SCIENCES
WITH CN YANG SCHOLARS PROGRAMME_Internship
(FIRST YEAR ADMISSION)

Last Updated : 18-Oct-21

SUMMARY OF ACADEMIC UNIT REQUIREMENT

Year of Study	School Core	CNYSP-Core	MPE	CC	FC	BDE	Total AU
1	12	27	0	3	0	0	42
2	12	10	3	10	3	3	41
3	0	0	9	0	10	8	27
4	12	0	9	0	0	3	24
Total	**36**	**37**	**21**	**13**	**13**	**14**	**134**

YEAR 1 SEMESTER 1

Course Code	Course Title	Type	AU	Pre-Requisite/Remarks
CY1001	Cell	CNY-Core	3	CNYSP Courses
CY1101	Molecule	CNY-Core	4	
CY1308	Physics	CNY-Core	3	
CY1500	Introduction to Research	CNY-Core	2	
CY1601	Mathematics I	CNY-Core	4	
CC0005	Healthy Living & Mental Wellbeing in an Aging Society	CC	3	
			19	

YEAR 1 SEMESTER 2

Course Code	Course Title	Type	AU	Pre-Requisite/Remarks
CY1007	Climate Change	CNY-Core	3	CNYSP Courses
CY1602	Mathematics II	CNY-Core	4	
BS1005	Biochemistry I	C	3	
BS1006	Principles of Genetics	C	3	
BS1007	Molecular and Cell Biology I	C	3	
BS1009	Introduction to Computational Thinking	C	3	
			19	

YEAR 1 SPECIAL SEMESTER

Course Code	Course Title	Type	AU	Pre-Requisite/Remarks
CY2003	Research Attachment 3	CNY-Core	4	CNYSP Course
	Overseas Learning Trip			
			4	

YEAR 2 SEMESTER 1

Course Code	Course Title	Type	AU	Pre-Requisite/Remarks
CY0002	Ethics	CNY-Core	3	CNYSP Course
CY2001	Research Attachment 1	CNY-Core	2	CNYSP Course 'IP'grade
CY1307	Quantum	BDE	3	Students can choose to opt out and replace with any other BDE course (3 AU)
BS2001	Physiology	C	3	
BS2002	Microbiology	C	3	
BS2003	Biochemistry II	C	3	
BS0004	Introduction to Data Science	FC	3	
			20	

YEAR 2 SEMESTER 2

Course Code	Course Title	Type	AU	Pre-Requisite/Remarks
CY0001	Writing Across the Disciplines	CNY-Core	3	CNYSP Courses
CY2001	Research Attachment 1	CNY-Core	2	
BS1100	Molecular and Cell Biology Techniques Level 1	C	3	
XXXXXX	School Major PE (choose from Table A)	MPE	3	
ML0004	Career and Entrepreneurial Development for the Future World	CC	2	
CC0002	Navigating the Digital World	CC	2	
CC0006	Sustainability: Human, Social, Economics & Environment	CC	3	
CC0007	Science & Technology for Humanity	CC	3	
			21	

YEAR 3 SEMESTER 1

Course Code	Course Title	Type	AU	Pre-Requisite/Remarks
BS4227	Professional Internship	FC	10	
			10	

YEAR 3 SEMESTER 2

Course Code	Course Title	Type	AU	Pre-Requisite/Remarks
XXXXXX	School Major PE (choose from Table A)	MPE	3	
XXXXXX	School Major PE (choose from Table A)	MPE	3	
XXXXXX	School Major PE (choose from Table A)	MPE	3	
XXXXXX	Broadening and Deepening Electives 1	BDE	3	
XXXXXX	Broadening and Deepening Electives 2	BDE	3	
XXXXXX	Broadening and Deepening Electives 3	BDE	2	
			17	

YEAR 3 SPECIAL SEMESTER & YEAR 4 SEMESTER 1

Course Code	Course Title	Type	AU	Pre-Requisite/Remarks
CY4111	Overseas Final Year Project	C	12	CNYSP Course
			12	

YEAR 4 SEMESTER 2

Course Code	Course Title	Type	AU	Pre-Requisite/Remarks
XXXXXX	School Major PE (choose from Table A)	MPE	3	
XXXXXX	School Major PE (choose from Table A)	MPE	3	
XXXXXX	School Major PE (choose from Table A)	MPE	3	
XXXXXX	Broadening and Deepening Electives 4	BDE	3	
			12	
	Total AU for Graduation :		134	