WESTERN NEW MEXICO UNIVERSITY

Degree Plan - Cell & Molecular Biology Major (0406) Department of Natural Sciences

Address: Email: BS	Student Name:	_ID #:_	Tel #:	Degree Type
Catalog Authority: 2019-20 Expected Completion: Deadline for Application for Graduation: June 1st for Fall; September 1st for Spring; February 1st for Summer. GENERAL EDUCATION REQUIREMENTS (31) Applied Liberal Arts and Sciences (9) Sem/Vear Grade ALAS 1810 Applied Liberal Arts & Sciences - Humanities (3) ALAS 1810 Applied Liberal Arts & Sciences - Stocial Behav Sciences (3) ALAS 1810 Applied Liberal Arts & Sciences - Stocial Behav Sciences (3) ALAS 1810 Applied Liberal Arts & Sciences - Stocial Behav Sciences (3) ALAS 1810 Applied Liberal Arts & Sciences - Stocial Behav Sciences (3) ALAS 1810 Applied Liberal Arts & Sciences - Stocial Behav Sciences (3) ALAS 1810 Applied Liberal Arts & Sciences - Stocial Behav Sciences (3) ALAS 1820 Applied Liberal Arts & Sciences - Stocial Behav Sciences (3) ALAS 1820 Applied Liberal Arts & Sciences - Stocial Behav Sciences (3) ALAS 1820 Applied Liberal Arts & Sciences - Stocial Behav Sciences (3) ALAS 1820 Applied Liberal Arts & Sciences - Stocial Behavioral Sciences (3) ALAS 1820 Applied Liberal Arts & Sciences - Stocial Behavioral Sciences (3) ALAS 1820 Applied Liberal Arts & Sciences - Stocial Behavioral Sciences (3) ALAS 1820 Applied Liberal Arts & Sciences - Stocial Behavioral Sciences (3) ARTH 1140 Intro to Cultural Anthropology COMM 1140 Intro to Media Writing ECON 1110 Survey of Science Behavioral Science (3) ARTH 1140 Intro to Media Writing ECON 1110 Intro to Science Behavioral Science POLS 1120 American National Goography GEOG I120 World Regional Geography POLS 1110 Intro to Psociology SCI 110 Intro to Science Introduced Poly Anthropology SCI 120 Course: (3) Area V - Humanities (3) ERGIL 1410 Intro to Literature FING 1.230 Intro to Centistry I for Streen Majors & Lab	· · · · · · · · · · · · · · · · · · ·		Email:	□ BS
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BIOL 2110/2110L Principles of Biology: Cell/Molecular & Lab BIOL 2210/2210L Human Anatomy & Physiology I & Lab BIOL 2642/2642L Plant Form, Function and Diversity & Lab BIOL 2644/2644L Animal Form, Function and Diversity & Lab CHEM 1120/1120L Intro to Chemistry & Lab CHEM 1215/1215L General Chemistry I for STEM Majors & Lab GEOL 1110/1110L Physical Geology & Lab GEOL 1110/1120/L Environmental Geology & Lab GEOL 2110/2110L Historical Geology & Lab Course: (4) BS Requirement (6) MATH 1350 Intro to Statistics, plus one CMPS course beyond Gen'l. Ed or GISS/GEOG 361/363 Intro to GIS MATH 1350 Intro to Statistics (3) HIST 1160 Western Civilization II PHIL 1115 Intro to Philosophy Course: (3) Area VI - Creative & Fine Arts (3-4) ARTS 1250 Design II ARTS 1250 Design II ARTS 1610 Drawing I ARTS 1610 Drawing I ARTS 2321 Appreciation of Clay ARTS 2321 Appreciation of Sculpture MUSC 1130 Music Appreciation Course: () BAR Requirement (minimum of 3) Complete any upper division Spanish course, or one of the following: SPAN 2120, BLED 431 or CLEP for four semesters of Spanish. Course: (3)			•	
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MATH 1350 Intro to Statistics (3) (3)	<u> </u>			
Course:(3)	MATH 1350 Intro to Statistics	(3)		
	Course:	()	Course: (3)	

Degree Plan - Cell & Molecular Biology Major

SUPPORTING COURSEWORK (8 credit hours)

<u>Course(Credits)</u>	Sem/Year	<u>Grade</u>	Course(Credits)		em/Year	<u>Grade</u>
CHEM 1215/1215L Gen Chem I* (4)		CHEM 1225/1225L Gen Ch	nem II* (4)		
Chemistry 1215 and 1225 are required u	nless incl. in minor					
LIF	E SCIENCE C	ORE REO	UIREMENTS (23 credit	hours)		
Course(Credits)	Sem/Year	Grade	Course(Credits)		em/Year	Grade
· · · · · · · · · · · · · · · · · · ·	4) <u>Schi/Tear</u>		BIOL 301/303 Ecology		Zili/ T Car	Grade
`	4)		BIOL 366/368 Genetics	(4)		
BIOL 2110/2110L Princ Biol: Cell (4)		BIOL 422 Evolution			
*May count as General Education La	· — — — — — — — — — — — — — — — — — — —		DIOL 122 Evolution	(3)		
CELL & MOL	ECULAR BIO	DLOGY MA	AJOR REQUIREMENTS	<u> (30 credit h</u>	ours)	
Course(Credits)	Sem/Year	<u>Grade</u>	Course(Credits)	<u>Se</u>	em/Year	<u>Grade</u>
BIOL 360/362 Cell Biology (4)		BIOL 476/478 Immunology	(4)		
BIOL 460 Cell Physiology (3)		BIOL 486 Senior Project	(2)		
BIOL 465/467 Moleculr Genetics (4)		6 credits of advisor approved	BIOL Upper D	vision guide	d electives
BIOL471/473 Mjrs Microbiology (4)		Course:			
BIOL 474 Virology (3)		Course:	()		
			Course:	()		
	MI	NOD DEC	DEE COUDEEC			
(D			REE COURSES	•1•		
(B0)	tany or Zoolog	y or a mino	r outside the Biology disc	apiine)		
Minor:			Number of Credits:			
(attach degree plan worksheet for yo	ur minor with cou	rce details)	rumber of creats.			
(attach degree plan worksheet for yo	di ililioi, with cou	ise details)				
ADD	ITIONAL CO	URSES (to	fulfill the 120 hour requir	rement)		
Course(Credits)	Sem/Year	Grade	Course(Credits)		em/Year	Grade
Course:(Course:			
Course:)		Course:			
Course: ()		Course:			
)		Course:			
)		Course:			
Service Learning 3 credits:			Sem/Year:		Grade:	
Upper Division Hours (42 m	inimum):		Writing Intensive Hours	s (9 minimur	n): _	
Total Hours (120 minimum	required).		Copy to Registrar:	data:		
Total Hours (120 minimum	required).		Copy to Registrar.	uate.		
Original completed on (date)):		Grad. Audit sent:	date:		
Updated:						
Student Signature:				date:		
Advisor Signature:				date:		