G00_____ Name:_____

2019/2020 NAU-Yuma Bachelor of Science
Biological and Natural Resource Sciences

Imperial Valley College Associate in Science - General Science

Advising Sheet

REQUIRED LOWER DIVISION MAJOR COURSES			Term Completed	Grade
BIOL 180	General Biology: Molecules, Cells and Genetics	4 units		
BIOL 182	General Biology: Principles of Organismal Biology	4 units		
CHEM 200	General Inorganic Chemistry I	5 units		
CHEM 202	General Inorganic Chemistry II	5 units		
CHEM 204	Organic Chemistry I	5 units		
MATH 192	Calculus I	4 units		
PHYS 200	General Physics I	4 units		
PHYS 202	General Physics II	4 units		
CHEM 206 is recommended: Organic Chemistry II				

Students desiring to earn an IVC associate degree should consult with an IVC counselor to determine which degree will best fit their needs.

Acceptable IVC General Education Patterns/NAU General Electives and Additional Information:

- IGETC or CSU GEB

NAU Additional Information:

- IGETC-Transfers as a block of credit to NAU to satisfy all liberal studies and diversity requirements.
- CSU GE-B-Transfers as a block of credit to NAU to satisfy all liberal studies and diversity requirements.
- NAU accepts 64 transferable units that can be applied to meet the NAU degree unit requirement.

NAU Yuma – Admission:

- Students will be offered admission if they have completed the California IGETC or CSUGEB with a cumulative GPA of 2.5 or if they have completed an associate degree with a cumulative GPA of 2.0.
- Students will be considered for admission if they have completed 24 or more transferable units with a cumulative GPA of 2.0.
- Students will be considered for admission with 12 – 23 transferable units and core high school GPA of 2.0 or above
- Representatives from NAU Yuma are available for student appointments on a monthly basis in the IVC Transfer Center. To schedule an appointment please call 760 355 6274 or stop by the IVC Transfer Center in Building 100.

G00_____ Name:_____

Bachelor of Science Biological and Natural Resource Sciences
2019-2020 Undergraduate Catalog (120 Units)
(Upper Division Coursework)

The Biological and Natural Resource Sciences degree encompasses numerous cutting-edge disciplines. Each offers a multitude of exciting career paths. You can also train to teach biology in secondary or primary schools. You can prepare for admission to graduate, medical, dental, or veterinary school, or for other professional training.

MAJOR COURSES		66-70 Units
COURSE NUMBER	**COURSE TITLE**	**UNITS**
BIO 181/L	Unity of Life I: The Life of the Cell/Lab (BIOL 180 at IVC)	4
BIO 182/L	Unity of Life II: Lives of Multicellular Organisms/Lab (BIOL 182 at IVC)	4
BSC 326/326LW (Jr. Level Writing Requirement)	Ecology: Ecology Lab	4
BSC 350/350L	Classical and Molecular Genetics: Genetics Lab	4
BSC 408 or BSC 485	Fieldwork Experience OR Undergraduate Research	3
BSC 435C	Evolutionary Biology	3
BSC 460, BSC 460L or CHM 360. CHM 360L	Principles of Biochemistry: Biochemistry Lab, or Fundamental Biochemistry; Biochemistry Lab	4
SELECT ADDITIONAL COURSEWORK FROM (12 UNITS): any 100 or 200 level BIO course except BIO 100 or any BIO recitation, any BSC course except BSC 310, Up to 6 units from BSC 497, or up to 8 units of non-BSC or non-BIO prefix courses from the following: ENV 115, 181, 230, 360, FOR 213, 222,225, 255, GLG 102, GSP 239		
Please note many of the following major requirements also satisfy the Liberal Studies requirements.		
PHYSICAL SCIENCE FOUNDATION REQUIREMENT:		
CHM 151/L	General Chemistry I/Lab (CHEM 200 at IVC)	4
CHM 152/L	General Chemistry II/Lab (CHEM 202 at IVC)	4
CHM 235/L	General Organic Chemistry I/Lab (CHEM 204 at IVC)	4
CHM 238 (recommended, not required)	General Organic Chemistry II/Lab (CHEM 206 at IVC)	4
CHOOSE ONE OF THE FOLLOWING MATH COMBINATIONS:		
MAT 125 AND (STA 270 OR PSY 230) OR	Pre-calculus Mathematics (MATH 190 at IVC) and Statistics (MATH 119 at IVC)	4 4
MAT 136	Calculus I (MATH 192 at IVC)	4
PHYSICS COMBINATION		
PHY 111 AND PHY 112	General Physics I General Physics II	4 4
OR		
PHY 161 AND PHY 262/L	University Physics I (PHYS 200 at IVC) University Physics II (PHYS 202 at IVC)	4 4
Total NAU credits		**56 credits**
General Electives		**As needed to reach 120 credits**
Total credits required to complete degree		**120 credits**

Program requirements are subject to change each year. Please see your NAU academic advisor for the most current information.