



## CATALOG 2021-22

GE Pattern: [IGETC](#) for STEM

Total Units: 60 Units

Program Code: [BIOLI.IGETC.AS](#)

### Potential Career Options

This degree prepares students for transfer into the CSU and UC systems to complete a Biological Science, BS or similar major.

Possible employment includes:

- \*Natural Science Managers
- \*Animal, Soil, Plant, and Medical Scientists
- \*Biostatisticians
- \*Biologists, Geneticists, Epidemiologists
- \*Secondary and Postsecondary Teachers

### Average Salary Information

\$84,550 Annually

\*Upon Completion of Bachelor's degree or higher

### STUDENT SUCCESS TEAM SUPPORT

#### School Dean

Hamid Eydgahi

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#### RAMPath Counselor

Lyman Insley

(760) 245-4271 Extension 2208

Lyman.Insley@vvc.edu

#### Faculty Advisor

Vacant

### EXPLANATION OF CATEGORIES

<b>Req</b>	Required Core	A course that is required for this degree
<b>GE</b>	General Education	A course that fulfills a specific general education requirement for this degree, which can be replaced with another course that meets the same requirement
<b>RE</b>	Restricted Elective	A course selected from a list of elective courses specified for this degree in the course list in the catalog, which can be replaced with another course from the same list
<b>Elec</b>	Elective	A degree-applicable course that is part of a degree roadmap to ensure that there is a total of at least 60 units, which is a requirement for an associate degree

### Year 1, Semester 1

**Total: 17.0**

Category	Course	Title	GE Area	Unit
Req	*BIOL 200	Botany: Plant Diversity and Ecology		4.0
Req	*CHEM 201	General Chemistry	5A&5C	5.0
Req	*MATH 226	Analytic Geometry and Calculus I	2	4.0
GE	ENGL 101.0	English Composition and Reading	1A	4.0

\*Placement into MATH 226 or completion of MATH 104 and MATH 105 is required to begin this program. The math department highly recommends the MATH 86 support co-requisite course.

### Year 1, Semester 2

**Total: 16.0**

Category	Course	Title	GE Area	Unit
Req	BIOL 203	Population and Environmental Biology (optional)		4.0
Req	CHEM 202	General Chemistry		5.0
Elec	MATH 227	Analytic Geometry and Calculus II (Prereq for PHYS 222 or 202)	PreReq	4.0
GE	Any		1B	3.0

### Year 2, Semester 1

**Total: 18.0**

Category	Course	Title	GE Area	Unit
Req	BIOL 201	Biology of Cells	5B	5.0
Req	PHYS 221	General Physics I		4.0
GE	Any		1C	3.0
GE	Any		3A	3.0
GE	Any	Recommended: PSYC 101	4	3.0

### Year 2, Semester 2

**Total: 15.0**

Category	Course	Title	GE Area	Unit
Req	BIOL 202	Biology of Organisms		5.0
Req	PHYS 222	General Physics II		4.0
GE	Any	Recommended: POLS 102	4	3.0
GE	Any	Recommended: HIST 117, 118, or 155	3B	3.0