



## CATALOG 2021-22

GE Pattern: [CSU GE](#) or [IGETC](#)

Total Units: 60 Units

Program Code: [MASCT.AS](#) or [MASCT.IGETC.AS](#)

### Potential Career Options

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

Possible employment includes:

- \*Mathematicians
- \*Statisticians
- Mathematical Technicians
- \*Natural Science Managers
- \*Mathematics Teachers, Postsecondary and Middle School
- \*Statistical Assistants

### Average Salary Information

\$96,180 Annually

\*Upon Completion of Bachelor's degree or higher

### STUDENT SUCCESS TEAM SUPPORT

#### School Dean

Hamid Eydgahi

(760) 245-4271 Extension 2942

Hamid.Eydgahi@vvc.edu

#### 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: 14.0**

Category	Course	Title	GE Area	Unit
Req	*MATH 226	Analytic Geometry and Calculus I	B4 or 2	4.0
GE	ENGL 101.0	English Composition and Reading	A2 or 1A	4.0
GE	Any	Recommended: HIST 117, HIST 118, or HIST 155	C2 or 3B	3.0
GE	Any		A1 or 1C	3.0

\*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	MATH 227	Analytic Geometry and Calculus II		4.0
GE	Any		A3 or 1B	3.0
GE	Any		B2 or 5B	3.0
GE	Any		C1 or 3A	3.0
GE	Any		D or 4	3.0

\*Take a laboratory paired with the biological science or with the physical science next semester.

## Year 2, Semester 1

**Total: 15.0**

Category	Course	Title	GE Area	Unit
Req	MATH 228	Analytic Geometry and Calculus III		5.0
GE	Any		C1/C2 or 3A/3B	3.0
GE	Any		B1 or 5A	4.0
GE	Any	Recommended: POLS 102	D or 4	3.0

## Year 2, Semester 2

**Total: 15.0**

Category	Course	Title	GE Area	Unit
Req	MATH 231	Linear Algebra		3.0
Req	MATH 270	Differential Equations		3.0
GE	Any		E or 6	3.0
GE	Any		D or 4	3.0
Elec	Any	Any course numbered 100 or above.		3.0