

Mathematics B.A. Major

Bachelor of Arts in Mathematics

Advisor: April Mazon
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Student Name: _____ Red Id: _____
Email: _____ Telephone #: _____

Lower Division General Education (GE):

Certified: Yes/No

PREPARATION FOR THE MAJOR 22 UNITS (7 Courses)

SDSU COURSE	EQUIVALENT Semester Grade	UNITS 22
Math 150 – <i>Calculus I</i>		4
Math 151 – <i>Calculus II</i>		4
Math 245 – <i>Discrete Mathematics</i>		3
Math 252 – <i>Calculus III</i>		4
Math 254 – <i>Intro to Linear Algebra</i>		3
Stats 250 - <i>Statistical Principles and Practices</i> (STAT 119 at IVC is equivalent, but if you take STAT 119 you can't take Stats 250 for credit as an elective)		3
One course from: CS 150 & CS 150L (CS 221 at IVC is equivalent), CS200 or STAT 200		4

WRITING PROFICIENCY ASSESSMENT(WPA)	Score _____
Exempt: Yes/No	
Basic Writing Course RWS 280 : Yes/No	
Upper Division Writing Course RWS 305 : Yes/No	

FOREIGN LANGUAGE REQUIREMENT:

Competency (successfully completing the third college semester or fifth college quarter) is required in one foreign language to fulfill the graduation requirement. Refer to the section of this catalog on “Graduation Requirements.”

MAJOR REQUIREMENTS 30+ UNITS (9 Courses)

UPPER DIVISION CORE CLASSES:	SEMESTER	GRADE	UNITS
Math 320 – Abstract Algebra			3
Math 330 – Advanced Calculus			3
Math 337 - Elementary Differential Equations			3
Math 340 – Mathematical Programming			3
Math 524 - Linear Algebra			3
One course from: Math 520, Math 530, Math 531, Math 537, Math 538, Math 542, Math 543, Stat 551B			3
12 units of electives:			12

NOTE: At least one course selected from the Explorations area must be a course in cultural diversity.

UPPER DIVISION GENERAL EDUCATION: EXPLORATIONS(ABC’S)	CLASS	SEMESTER	GRADE	UNITS
Cultural Diversity (Can be from Area A, B, or C)				3
Area A- Natural Sciences				3
Area B- Social and Behavioral Sciences				3
Area C- Humanities				3
Ethnic Studies (Effective Fall 2020) CCS 350A/B				3

Total Units Required For The Degree: 120

Units In Progress: _____ Units Remaining: _____

THIS FORM IS JUST A GUIDELINE AND DOES NOT SUPPLANT THE GENERAL CATALOG **YOUR GENERAL CATALOG PROVIDES DETAILED ACADEMIC REQUIREMENTS**

IT IS YOUR RESPONSIBILITY TO BE AWARE OF YOUR ACADEMIC REQUIREMENTS

- I acknowledge that I have reviewed the requirements listed above with my academic advisor and am fully aware that I am responsible for fulfilling the academic requirements in order to be eligible for graduation.
- It is my responsibility to come prepared to any academic advising session with my advising sheet when an appointment is set.
- Any delay beyond fifteen (15) minutes to an academic advising session will result in cancellation and rescheduling subject to the availability of the academic advisor.
- Copies of advising recommendations will be provided to me and placed in my academic folder. It is my

responsibility to update my own folder as needed and to request assistance for clarification of on academic requirements listed in the general catalog.

_____ Student Date Advisor Date