

Preparation for the Major Articulation: Grossmont College

MATHEMATICS - B.S. DEGREE IN APPLIED ARTS & SCIENCES or B.A. DEGREE IN LIBERAL ART & SCIENCES (Also see: Statistics)								
SDSU Course	SDSU Course Title	Grossmont Course	Applied Mathematics Emphasis, BS**	Computational Science Emphasis, BS	Mathematical Finance Emphasis (BS)	Mathematics B.A. Degree *	Science Emphasis, BS	Teaching Credential, BA*
ACCTG 201	Financial Accounting Fundamentals	BUS 120			X			
CS 107	Introduction to Computer Programming	CSIS 293		X				R
CS 108	Intermediate Computer Programming	CSUS 294 or CSIS 297		X				
ECON 101 & 102	Principles of Economics	ECON 120 & 121			X			
MATH 150	Calculus I	MATH 180	X	X	X	X	X	X
MATH 151	Calculus II	MATH 280	X	X	X	X	X	X
MATH 241	Mathematics Software Workshop	No Equivalent	X	X	X	X	X	X
MATH 242	Mathematical Programming	No Equivalent	x	x	x	x	x	
MATH 245	Discrete Mathematics	MATH 245	X	X	X	X	X	X
MATH 252	Calculus III	MATH 281	X	X	X	X	X	X
MATH 254	Introduction to Linear Algebra	MATH 284	X	X	X	X	X	X
PHYS 195/L	Principles of Physics & Laboratory	PHYC 140				R		R
PHYS 196/L	Principles of Physics & Laboratory	PHYC 240				R		R
PHYS 197/L	Principles of Physics & Laboratory	PHYC 241				R		R
STAT 119 or 250	Elementary Statistics for Business or Basic Statistical Methods	MATH 160			X			
STAT 250	Basic Statistical Methods	MATH 160	X	X			X	X
TE 211	Field Experience in Math & Science	No Equivalent						X

X - Required course R - Recommended course(s)) but not required

* Requires Foreign Language Competency, see SDSU catalog for more information.

Requires 12 additional units in upper or lower division courses where math is applied. Examples: Chemistry, Physics, Economics. An approved minor is highly recommended. Refer to the current SDSU catalog for more information. **SDSU Contact: (619) 594-6191

Grossmont College Articulation Office: www.grossmont.edu/articulation

All official articulation is listed at www.ASSIST.org

NOTE: These planning sheets are developed from course-to-course agreements with SDSU; they are researched and updated each year.