

MARCOS DE NIZA HIGH SCHOOL

Dual Enrollment Course List 2023-2024

Admissions--needed by new students only: 2.6 unweighted GPA (students must have completed at least 2 years of high school coursework) or Completion of EdReady College Reading Placement Assessment no minimum score required; OR one of these scores:

PSAT-720; SAT-720; ACT-12; AzM2 ELA - Proficient or Highly Proficient.

Prerequisites--required for all students

**CTE/Occupational classes do not require admissions

Fall 2023

Spring 2024

High School Course Class Period (Instructor)	Rio Course Title	Rio Course ID	Class #	Credits	Rio Course Title	Rio Course ID	Class #	Credits	
	Admissions, Placement or Prerequisite Needed Admissions, Placement or						iisite Need	ded	
Honors Biology Periods 1,2,5 (Taylor Miller)	^ ♦ Biology Concepts (lab included)	BIO100	25246 25247	4	BIO100 continues as a yearlong class				
		New st	New students must meet admissions requirements						
Environmental Science Periods: 2,7 (Meredith Morrisey)	Environmental Biology (lab included)	BIO105	27073 27074	4	BIO 105 continues as a yearlong class				
AP Environmental Science Period 1 (Meredith Morrissey)	Environmental Biology (lab included)	BIO105	26540 26541	4	BIO 105 continues as a yearlong class				
	New students must meet admissions requirements								
Honors Biotechnology 1 Period 6 (Taylor Miller)	^ ♦ Introduction to Biotechnology (lab included)	BIO107	28416 28417	4	BIO107 continues as yearlong class				
Biotechnology 1 Period 7 (Taylor Miller)	^ ♦ Introduction to Biotechnology (lab included)	BIO107	35738 35739	4	BIO107 continues as yearlong class				
	New students must meet admissions requirements								
Anatomy & Physiology Period 6 (Meredith Morrisey)	^ ♦ Introduction to Human Anatomy and Physiology (lab included)	BIO160	26222 26223	4	BIO160 continues as a yearlong class				
	New students must meet admissions requirements								
					A Health and Nutrition in Early Childhood Settings	CFS123	13898	1	
Early Childhood 1 Periods 1,2					^ Safety in Early Childhood Settings	CFS125	13899	1	
(Krista Carr)					^ Child Development	ECH176	13892	3	
					^ Food Experiences with Young Children	ECH280	13901	1	
					New students must mee	et admission	s requiren	nents	

Page 1 of 4

					^ Art Activities for the	CFS101AH	13891	1		
					Young Child ^ Mainstreaming the Young Child with a	CFS282	15048	1		
Early Childhood 2 Period 3,4					Disability ^ Arranging the Environment	ECH271	13900	1		
(Krista Carr)					Movement/Music for the Young Child	ECH281	15050	1		
					^ Discipline/Guidance of Child Groups	ECH282	13894	1		
					Early Childhood Teaching Internship	ECH284AA		1		
					CFS101AH, CFS282, ECH271, ECH281, ECH282: New students must meet admissions requirements.					
		ECH284AA: A grade of C or better in CFS/ECH176 and permission of Department or Division.								
Honors Chemistry Period 5 (Nasreen Zaidi)	♦ Fundamental Chemistry and Lab	CHM130 CHM130LL	23060 23061	3 1	CHM130/130LL continues as a yearlong class⊠					
	Grade of "C" or better in Algebra or Accuplacer NextGen QAS: 263+ or ACT (Math): 18+ or SAT(Math) 510+ or Edready Quantitative reasoning, Alg and Stats score of 70+									
	Note: Students must regist	Note: Students must register for both CHM130 and CHM130LL to receive full credit.								
College Composition Period 5 (Lauren Miller)	First-Year Composition	ENG101	24109	3	First-Year Composition	ENG102	10796	3		
AP English: Language and Composition Periods: 2 (Thomas Spoth)	First-Year Composition	ENG101	24110	3	First-Year Composition	ENG102	10798	3		
	2.6 unweighted GPA for students who completed at least 2 years of high school coursework; or EdReady English Placement score of 80+; OR, ACT (English): 18+; SAT (English) 460+; OR Writeplacer: 5+				Grade of "C" or better in ENG101					
AP English: Literature and Composition Periods: 4 (Thomas Spoth)	^ Introduction to Literature	ENH110	24182	3	^ Literature and the American Experience	ENH111	11334	3		
Junior Honors English Period 1,7 (Lauren Miller)	^ Introduction to Literature	ENH110	24229	3	^ Literature and the American Experience	ENH111	11342	3		
	New students must meet admissions requirements									
Marketing II Period 1 Advanced Marketing II Period 2 (Heather Castanon)	^ Human Relations in Business and Industry	GBS110	25346	3	^ Introduction to Business	GBS151	11964	3		
	Admissions not required. Courses do not have prerequisite.				Admissions not required. Courses do not have prerequisite.					

College Math Periods 1, 3 (Michael Johnson)					^ College Mathematics	MAT142	11391	3		
College Math Periods: 2,4,6 (Anna Shigley)					^ College Mathematics	MAT142	11392	3		
		2.6 unweighted GPA for students who completed at least 2 years of high school coursework OR EdReady College Algebra Placement of 80+; OR EdReady Quantititive Reasoning, Alg and Stats Placement of 70+; OR ACT (Math): 18+; SAT(Math) 510+ OR Accuplacer NextGen QAS: 263+								
Precalculus Periods 3,7 (Anna Shigley)	Precalculus	MAT187	23281	5	MAT187 continues as yearlong class					
	OR EdReady C	Grade of C or better in MAT 151 OR Accuplacer NextGen AAF: 263+; OR EdReady College Algebra Test 80+ AND ACT Math = 24+ OR EdReady College Algebra Test 80+ AND SAT Math = 560+ OR EdReady College Algebra Test 80+ AND 2nd year HS Algebra or Pre-Calc with B or better								
Honors Algebra II Periods: 3, 6 (Jaclyn Neuheisel)					Precalculus	MAT188	31973	4		
	OR EdReady C	Grade of C or better in MAT 151 OR Accuplacer NextGen AAF: 263+; OR EdReady College Algebra Test 80+ AND ACT Math = 24+ OR EdReady College Algebra Test 80+ AND SAT Math = 560+ OR EdReady College Algebra Test 80+ AND 2nd year HS Algebra or Pre-Calc with B or better								
Statistics Period 2 (Jack Vermeer)	Elements of Statistics	MAT206	23290	3	MAT206 continues as yearlong class					
	OR I	Grade of "C" or better in MAT142, MAT151, or MAT187 OR Accuplacer NextGen AAF: 263+ OR EdReady College Algebra Placement Test 80+ AND ACT Math = 24+ OR EdReady College Algebra Placement Test 80+ AND SAT Math = 560+ OR EdReady College Algebra Placement Test 80+ AND 2nd year HS Algebra or Pre-Calc with B or better								
AP Calc AB Period 6 (Mike Johnson)	^ ◆ Calculus with Analytic Geometry I	MAT221	27075	4	MAT221 continues as a yearlong class					
	OR I	Grade of C or better in MAT187 OR Accuplacer NextGen AAF: 276+ OR EdReady College Algebra Placement Test 80+ AND ACT Math = 28+ OR EdReady College Algebra Placement Test 80+ AND SAT Math = 640+ OR EdReady College Algebra Placement Test 80+ AND HS Precalculus or Trig with B or better								

AP Calculus BC Period 7 (Michael Johnson)	Calculus with Analytic Geometry I	MAT221	23301	4	Calculus with Analytic Geometry II	MAT231	10161	4
	Grade of C or better in MAT187 OR Accuplacer NextGen AAF: 276+ OR EdReady College Algebra Placement Test 80+ AND ACT Math = 28+ OR EdReady College Algebra Placement Test 80+ AND SAT Math = 640+ OR EdReady College Algebra Placement Test 80+ AND HS Precalculus or Trig with B or better				Grade of "C" or better in MAT220 or MAT221			
Marketing I/Advanced Marketing I Periods 3,4 (Heather Castanon)	^ Principles of Sales	MKT267	25926	3	^ Principles of Marketing	MKT271	11560	3
	Admissions not requi	red. Course d equisite.	oes not ha	ve	Admissions not required. Course does not have prerequisite.			
Physics Period 2 (Erica Morgan)	♦ Introduction to Physics (lab included)	PHY101	25928 25929	4	PHY101 continues as a yearlong class			
Honors Physics Period 2 (Erica Morgan)	♦ Introduction to Physics (lab included)	PHY101	26411 26412	4	PHY101 continues as a yearlong class			
	Grade of "C" or better in Algebra or Accuplacer NextGen QA Quantitative reasoning, A							
AP Physics 1 Period 1 (Erica Morgan)	General Physics I (lab included)	PHY111	23040 23041	4	♦General Physics II (lab included)	PHY112	11760 11761	4
	Grade of "C" or better in Trig, Precalculus or Calculus, or Accuplacer AAF: 276+; or EdReady College Algebra 80+ AND (ACT Math = 28+ OR SAT Math = 640+) or permission of Rio Dept				Grade of "C" or better in PHY111			
Honors Spanish 3 Periods 1,2,7 (Michael Wojciechowicz)	^ Fundamentals of Spanish	SPA111	27964	4	Intermediate Spanish I	SPA201	14387	4
	"C" or better in SPA101, I yr. HS SPA or Rio Dept. approval				"C" or better in SPA102 or SPA111, 2 yrs. HS SPA or Rio Dept. approval			
AP Spanish Language and Culture Period 6 (Michael Wojciechowicz)	Intermediate Spanish Conversation II	SPA226	27966	3	Intermediate Spanish II	SPA202	10264	4
	"C" or better in SPA201, SPA225 or 3 yrs. HS SPA or Rio Dept. approval				"C" or better in SPA201, 3 yrs. HS SPA or Rio Dept. approval			

Legend:

[^] Lower classmen may be eligible for this course.

[♦] Tuition is due in fall semester, but credit for full-year courses is awarded at the end of the spring semester.