

AS in Physics for UC Transfer for Moorpark College – 2020-2021

C-ID Descriptor	Required Core- Complete the following courses (12 units)	OC Comparable Course	VC Comparable Course
CHEM 120S	CHEM M01A General Chemistry I OR CHEM M01AH Honors: General Chemistry I AND CHEM M01B General Chemistry II	CHEM R120 AND CHEM R122	CHEM V01A AND CHEM V01AL AND CHEM V01B AND CHEM V01BL
PHYS 200S	PHYS M20A Mechanics of Solids and Fluids AND PHYS M20AL Mechanics of Solids and Fluids Lab AND PHYS M20B Thermodynamics, electricity and Magnetism AND PHYS M20BL Thermodynamics, electricity and Magnetism Lab AND PHYS M20C Wave Motion, Optics and Modern Physics AND PHYS M20CL Wave Motion, Optics and Modern Physics Lab	PHYS R131 AND PHYS R132 AND PHYS R133	PHYS V04 AND PHYS V04L AND PHYS V05 AND PHYS V05L AND PHYS V06 AND PHYS V06L
MATH 210	MATH M25A Calculus with Analytic Geometry I OR MATH M25AH Honors: Calculus with Analytic Geometry I	MATH R120	MATH V21A
MATH 220	MATH M25B Calculus with Analytic Geometry II	MATH R121	MATH V21B
MATH 230	MATH M25C Calculus with Analytic Geometry III	MATH R122	MATH V21C
MATH 240 AND MATH 250	MATH M35 Applied Differential Equations AND MATH M31 Introduction to Linear Algebra	MATH R143 AND MATH R134	MATH V23 AND MATH V22
	TOTAL UNITS	46	