

MATH 2 placement – NANO course plan

FRESHMEN YEAR			
FALL	WINTER	SPRING	SUMMER
MATH 2 (must take MPE upon completion)	MATH 4C* (must take MPE upon completion)	MATH 20A*	MATH 20B
NANO 4 (1-unit) ¹	NANO 11	CHEM 6B	MATH 20C
NANO 15 ²	CHEM 6A	BILD 1	CHEM 6C
CHEM 4**	G.E. ³	G.E.	
SOPHOMORE YEAR			
FALL	WINTER	SPRING	
MATH 18	MATH 20D	MATH 20E	
NANO 102	CHEM 7L	NANO 108	
NANO 20L (1 unit)	PHYS 2B	PHYS 2C	
PHYS 2A (or summer prior)	G.E.	G.E.	
JUNIOR YEAR			
FALL	WINTER	SPRING	
NANO 148	NANO 104	NANO 112	
NANO TE (1)	NANO 111	NANO 115L	
PHYS 2D	NANO 107	NANO TE (2)	
G.E.	G.E.	G.E.	
SENIOR YEAR			
FALL	WINTER	SPRING	
NANO 110	NANO 117	NANO 120B	
NANO 119 (1 unit)	NANO 120A	NANO TE (5)	
NANO TE (3)	NANO TE (4)	G.E.	
G.E.	G.E.	G.E.	

* All students enrolled in MATH 2 must take the Math Placement Exam upon completion of the course. This will determine the Math course you will enroll in for the following quarter.

** CHEM 4 does not count towards your major requirements. Completing CHEM 4 allows students to then enroll in CHEM 6A in winter quarter. The prerequisites for CHEM 6A are either CHEM 4 or MATH 3C/MPE results

¹**NANO 4:** This course should be taken in the first Fall Quarter at UC San Diego. Students will not graduate without taking NANO 4.

²**NANO 15:** This course will be offered in the Fall Quarter and may be offered in the Winter. If you cannot register for NANO 15 in the Fall, you may enroll in NANO 15 in Winter, or MAE 8 in Winter or Spring Quarter, if it is being offered.

³**General Education (G.E.) Requirements:** This requirement is intended to fulfill the general education requirements (G.E.) from respective colleges. The units shown are for Warren College students as an example to fulfill the general education requirements. Students in other colleges need to adjust the plan to match their own college requirements.

NanoEngineering Technical Electives (NANO TE - twenty units): This requirement must be chosen from among the upper-division NANO courses (NANO 100 - 199) offered by the department. Students must petition to use other upper division courses, such as CENG, BENG, MAE, ECE, to fulfill the NanoEngineering Electives requirements.