

**California State University, Chico**  
**MAJOR ACADEMIC PLAN (MAP)**

**Major:** The Bachelor of Science in Advanced Manufacturing and Robotics

**Degree Units: 120**

**Option:**

**Pattern:**

First Semester		Second Semester		Comments
AMAR 160 [*C-]	3	Critical Thinking (GE A3) [*C-]	3	[*C-] C- or better is required  + one United States Diversity (USD), one Global Cultures (GC), and two Writing Intensive (W) courses are needed.  (FA) Offered fall semesters only (SP) Offered spring semesters only (W) Writing Intensive
CHEM 107 (GE B1)	4	Life Sciences (GE B2)	3	
CMST 131 or 132 (GE A1) [*C-]	3	MATH 119 (GE A4)	4	
MATH 105 (GE A4) [*C-]	3	MECH 100	1	
Written Communication (GE A2) (W) [*C-]	3	MECH 100L	1	
		PHYS 202A (GE B1) [*C-]	4	
TOTAL	16	TOTAL	16	Notes
Third Semester		Fourth Semester		Transfer students: It is recommended that you review your Degree Progress Report (DPR) in your Student Center, meet with your Major Department Advisor, and meet with an Academic Advisor in SSC 220 to review General Education, Major, and Graduation requirements.  Department advising is required for this major.
Arts/Humanities (GE C1 or C2) <sup>+</sup>	3	AMAR 260 (SP)	4	
ECON 103 (GE D1)	3	Ethnic Studies (GE F)	3	
EECE 215	4	MECH 140	2	
HIST 130	3	MECH 210	3	
MECH 200	2	MECH 210L	1	
		POLS 155	3	
TOTAL	15	TOTAL	16	
Fifth Semester		Sixth Semester		Complete a minimum of 4 Writing Intensive (W) courses - one will be met by your Written Communication Course (A2), one by AMAR 352W, one by AMAR 440AW (CAP), and one by CIVL 302W.  AMAR 440AW fulfills the GE Capstone Requirement.
AMAR 300 (FA)	3	AMAR 318 (SP)	3	
AMAR 316 (FA)	3	CIVL 302W	3	
AMAR 352W (FA) [*C-]	3	MECA 380	3	
AMAR 360 (FA) (UD-B)	4	OSCM 306	3	
Arts/Humanities (UD-C) <sup>+</sup>	3	Social Sciences (UD-D) <sup>+</sup>	3	
				The United States Diversity and Global Cultures requirements must be met within the GE courses.
TOTAL	16	TOTAL	15	
Seventh Semester		Eighth Semester		Two upper-division courses from one Pathway are required; one course from the Arts/Humanities discipline and the other from the Social Science discipline. AMAR 360 fulfills the UD Natural Sciences discipline. Apply to graduate one year before anticipated graduation date.
AMAR 420 (FA)	4	AMAR 440B	3	
AMAR 440AW [*C-]	3	AMAR 460 (SP)	4	
AMAR 451	3	AMAR 477 (SP)	3	
AMAR 458 (FA)	3	Technical Elective	3	
TOTAL	13	TOTAL	13	

(Consult the 2023-2024 University Catalog for official degree program)