

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

**Major: The Bachelor of Science in Sustainable Manufacturing**

**Option:**

**Pattern:**

**Degree Units: 120**

**Major Units: 93**

**Elective Units: 3**

First Semester		Second Semester		Comments
CHEM 107 (GE B1)	4	ACCT 201	3	[*C-] C- or Better is required  ** one United States Diversity (USD), one Global Cultures (GC), and two Writing Intensive (WI) courses are needed.  (FA) Offered fall semesters only (SP) Offered spring semesters only (WP) Writing Proficiency course
SMFG 160	3	MATH 105 (GE A4) [*C-]	3	
CMST 131 or 132 (GE A1) [*C-]	3	MECH 100	1	
ENGL 130I or JOUR 130I (GE A2) [*C-]	3	MECH 100L	1	
HIST 130 or POLS 155	3	PHYS 202A (GE B1) [*C-]	4	
		PHIL 102 or CMST 255 (GE A3) [*C-]	3	
<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>15</b>	<b>Notes</b>
Third Semester		Fourth Semester		<b>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.</b>  Department advising is required for this major.
ECON 102 (GE D2)	3	SMFG 201 (SP)	2	
MATH 119 (GE A4)	4	SMFG 216 (SP)	3	
MECH 200	2	SMFG 260 (SP)	3	
PHYS 202B	4	ECON 103 (GE D1)	3	
SMFG 211 (FA) (UD-B)	3	GE Area C**	3	
<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>14</b>	Complete a minimum of 4 Writing Intensive (WI) courses - one will be met by your Written Communication Course (A2) and one by SMFG 352; select two additional WI courses.  ENGL 338Z fulfills the GE Capstone Requirement.  The United States Diversity and Global Cultures requirements must be met within the GE courses.
Fifth Semester		Sixth Semester		
SMFG 218 (FA)	3	GEOG 304 (UD-D Sustainability Pathway)	3	
SMFG 352 (FA) (WP) [*C-]	4	SMFG 350 (SP)	3	
SMFG 360 (FA) (UD-B)	4	SMFG 386 (SP)	4	
GE Area E**	3	HIST 130 or POLS 155	3	
		GE Area B2	3	
<b>TOTAL</b>	<b>14</b>	<b>TOTAL</b>	<b>16</b>	Two upper-division courses from the Sustainability Pathway are required; one course from the Arts/Humanities Discipline (ENGL 338Z) and the other from the Social Science Discipline (GEOG 304).  Apply to graduate one year before anticipated graduation date.
Seventh Semester		Eighth Semester		
ENGL 338Z (UD-C Sustainability Pathway) <sup>CAP</sup>	3	BLAW 413	3	
MGMT 460	3	SMFG 451 (SP)	3	
OSCM 306	3	SMFG 468 (SP)	4	
SMFG 458 (FA)	3	SMFG 490 (SP)	1	
SMFG Minor Selection	3	GE Elective**	3	
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>14</b>	

*(Consult the 2014-2015 University Catalog for official degree program)*

**Approved: 04/1/2014**