

# FALL 2021 & BEYOND PLANNING SHEET

# BS Advanced Manufacturing and Applied Robotics

## BACHELOR'S DEGREE REQUIREMENTS

*This sheet is for planning purposes only.*

Refer to your Degree Progress Report for a complete list of graduation requirements and an evaluation of your progress towards graduation.

	MET	IN PROGRESS	NEEDED
<b>1. Total Units:</b> 120-128 units	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2. Upper-Division Units:</b> 39 units	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>3. Residence Units:</b> ___/30 units; ___/24 UD units; ___/12 Major units; ___/9 GE units	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>4. General Education:</b> 48 units Check for high unit major modifications	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>5. Diversity:</b> (See breakdown to right)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>6. US History, Constitution &amp; American Ideals:</b> (See breakdown to right)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>7. Mathematics/Quantitative Reasoning &amp; Writing Requirements:</b> Writing Across the Curriculum (see breakdown to right) Mathematics & Quantitative Reasoning Course	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>8. An Approved Major:</b> See your major advisor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>9. Grade Point Average:</b> 2.00 minimum ___ Chico; ___ Cumulative; ___ Major; ___ Minor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## DIVERSITY REQUIREMENT

COMPLETE 1 COURSE FROM EACH AREA

	MET	IN PROGRESS	NEEDED
<b>USD</b> United States Diversity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>GC</b> Global Cultures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## US HISTORY, CONSTITUTION & AMERICAN IDEALS

COMPLETE 1 COURSE FROM EACH AREA

	MET	IN PROGRESS	NEEDED
<b>HIST</b> United States History HIST 130	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>POLS</b> Constitution & American Ideals POLS 155	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## WRITING ACROSS THE CURRICULUM REQUIREMENT

COMPLETE 4 SEPARATE COURSES - SEE DPR FOR COURSE SELECTION

	MET	IN PROGRESS	NEEDED
<b>W1</b> GE Written Communication course ENGL 130W, 130EW, 130PW; JOUR 130W	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>W2</b> A lower or upper division Writing (W) course CIVL 302W	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>W3</b> Consult DPR and your advisor for course selection AMAR 352GW	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>W4</b> Consult DPR and your advisor for course selection AMAR 440AGW	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## GE FOUNDATION

COMPLETE 1 COURSE FROM EACH AREA

	MET	IN PROGRESS	NEEDED
<b>A1</b> Oral Communication CMST 131, 132 (C- or better required)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>A2</b> Written Communication ENGL 130W, 130EW, 130PW; JOUR 130W (C- or better required)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>A3</b> Critical Thinking CMST 255; GEOS 104; PHIL 102, 102E; PSYC 100 (C- or better required)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>B1</b> Physical Science CHEM 100; GEOS 101(W); GEOS 101, 110, 130; SCED 101; PHYS 100 *CHEM 107, 108, 111, GEOS 102 PHYS 202A, 204A CHEM 107 PHYS 202A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>B2</b> Life Science ANTH 111; BIOL/SCED 102, BIOL 103, 104, 105; CIVL 175; PSSC 101 *BIOL 161, 162, 163	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>B3: LAB REQUIREMENT MET</b>			
<b>B4</b> Mathematics/Quantitative Reasoning BSIS 111; FINA 101; MATH 101, 105 *MATH 107, 108, 109, 110, 116, 118, 119, 120 (C- or better required)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
* Advanced course substitutions			

## ETHNIC STUDIES

	MET	IN PROGRESS	NEEDED
<b>F</b> AAST/SOCI 152; AAST/BLMC 330; AFAM 170, 320; AIST 170, 365; CHLX /SOCI 157, CHLX 415; MCGS 155(W)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



## Academic Advising Programs

Student Services Center 220  
chicoadvisor@csuchico.edu  
530-898-5712  
www.csuchico.edu/aap

# FALL 2021 & BEYOND PLANNING SHEET

# CSU, CHICO GENERAL EDUCATION PLANNING SHEET

## OPTIONAL GE Pathway Minor: 18 units

Complete 6 courses from the same Pathway, each from a different disciplinary area.  
3 Lower Division courses (1 may be from the Foundation Association) and 3 Upper Division courses.

<b>FOUNDATION ASSOCIATION</b>	ANTH 111, BIOL 105, CMST 132, GEOG 101(W), JOUR 130(W), PSYC 100	CMST 131, CMST 255	BIOL 105, GEOG 101(W), GEOS 101, PSSC 101	PSYC 100, JOUR 130(W)	GEOG 101(W), GEOS 130	GEOG 101, PHIL 102, 102E, PHYS 100	BIOL 103, BIOL 104, GEOS 130, PSYC 100	GEOG 101(W), GEOS 101	ANTH 111, CHEM 100, BIOL/SCED 102, GEOG 101(W), JOUR 130 (W), SCED 101	BIOL/SCED 102, CHEM 100, CIVL 175, GEOG 101(W), GEOS 110, 130, SCED 101
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MET  
IN PROGRESS  
NEEDED

## Lower Division GE Pathway Courses: 12 units

Complete 1 course from each Disciplinary Area.

Disciplinary Area	Diversity Studies	Ethics, Justice & Policy	Food Studies	Gender & Sexuality Studies	Global Development Studies	Great Books & Ideas	Health & Wellness	International Studies	Science, Technology & Values	Sustainability
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<b>C1 ARTS</b>	ARTH 130 <sup>USD</sup> , KINE 152, THEA 252	ENGL 203, HUMN 220, THEA 252	HUMN 281(W)	ARTH 100 <sup>GC</sup> , ARTH 130 <sup>USD</sup> , ENGL 203	ARTH 150 <sup>GC</sup> , MUSC 290 <sup>GC(S)</sup> , THEA 251 <sup>GC</sup>	HUMN 222(W), MUSC 292, THEA 110	ARTH 100 <sup>GC</sup> , KINE 152, THEA 112	ARTH 110(F), ARTH 120(S), MUSC 290 <sup>GC(S)</sup> , MUSC 291 <sup>USD</sup> , THEA 251 <sup>GC</sup>	CAGD 110, MADT 217(F), MADT 218(S), MUSC 294	CMGT 275 (W), THEA 252
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**C2 HUMANITIES**  
Any of the following approved language courses can be used to fulfill the C2 requirement and may be applied towards any optional Pathway Minor:  
ARAB 101A, ARAB 102A, ARAB 201, ARAB 202; CHNS 101A, CHNS 102A, CHNS 201, CHNS 202; CMISD 156; EFLN 170; FREN 101, FREN 102, FREN 201, FREN 202; GERM 101, GERM 102, GERM 201, GERM 202; GREK 101, GREK 102; HBRW 101A, HBRW 102A; ITAL 101, ITAL 102, ITAL 201, ITAL 202; JAPN 101, JAPN 102, JAPN 201, JAPN 202; PORT 101A, PORT 102A; RUSS 101A, RUSS 102A, RUSS 201, RUSS 202; SPAN 101, SPAN 102, SPAN 201, SPAN 201N, SPAN 202, SPAN 202N

Select 1 class from C1 or C2

	AIST/HIST 230 <sup>USD(F)</sup> , AFAM/HIST 231 <sup>USD(S)</sup> , ENGL 264(W) <sup>USD</sup> , MCGS/RELS 224 <sup>USD(W)</sup> , MIS/RELS204(W) <sup>USD(F)</sup>	AIST/HIST 230 <sup>USD(F)</sup> , AFAM/HIST 231 <sup>USD(S)</sup> , CHLX/HIST135 <sup>USD</sup> , RELS 100	ENGL 220(W), PHIL 104, RELS 180 <sup>GC</sup>	ENGL 261(W), HUMN 224 (W) <sup>GC</sup> , CHLX/ FLNG/ HUMN 254 <sup>USD(S)</sup> , RELS/ WMST 275(W) <sup>GC</sup>	ENGL 258(W) <sup>GC</sup> , LAST 120 <sup>GC</sup> , HIST/MEST 261 <sup>GC</sup> , RELS 202 <sup>GC(F)</sup>	ENGL 260(W), PHIL 101, RELS 110 <sup>GC</sup>	ITAL 260(W), PHIL 104, RELS 180 <sup>GC</sup>	MJIS/RELS 205 <sup>USD(F)</sup> , PHIL 101, RELS 110 <sup>GC</sup>	PHIL 101, PHIL 204/RELS 241, TECH 182	AIST/ENGL 252 <sup>USD</sup> , PHIL 129, RELS 247(W)
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Complete USD, GC, W within GE

<b>D SOCIAL SCIENCES</b>	GEOG 102 <sup>GC</sup> , GEOG 105 <sup>USD</sup> , PSYC 151	ANTH 116 <sup>GC</sup> , ECON 103, POLS 112 <sup>USD(F)</sup> , POLS 250 <sup>USD(S)</sup> , SOCI 200, SWRK 170	ABUS 101, ANTH 112 <sup>GC</sup> , ECON 101, GEOG 105 <sup>USD</sup> , MCGS/SOCI 240 <sup>USD</sup> , PSYC 151	ANTH 140 <sup>GC</sup> , JOUR/WMST 211 <sup>USD</sup> , PHHA 265, SOCI/WMST 230, SOCI 227, WMST 170 <sup>USD</sup>	AIST/ANTH 261 <sup>USD(F)</sup> , ANTH/ASST 200 <sup>GC(S)</sup> , ECON 102, HIST 102 <sup>GC</sup> , LAST 110 <sup>GC</sup> , POLS 102 <sup>GC</sup> , WMST 233 <sup>GC</sup>	ANTH 112 <sup>GC</sup> , GEOG 106 <sup>USD</sup> , HIST 101 <sup>GC</sup> , POLS 101, SOCI 100	ANTH 113 <sup>GC</sup> , ANTH 140 <sup>GC</sup> , HIST 102 <sup>GC</sup> , NFSC 200(W) <sup>USD</sup> , PHHA 265, PSYC 152	AAST/ASST 110(W) <sup>GC</sup> , ANTH 113 <sup>GC</sup> , ECON 102, GEOG 102 <sup>GC</sup> , HIST 102 <sup>GC</sup> , LAST 110 <sup>GC</sup>	ANTH 140 <sup>GC</sup> , GEOG 203(W), HIST 102 <sup>GC</sup> , JOUR 210 <sup>USD</sup> , SOCI 100, TECH 180	ANTH 112 <sup>GC</sup> , ANTH 116 <sup>GC</sup> , GEOG 106 <sup>USD</sup> , GEOG 102 <sup>GC</sup> , HIST 105(W) <sup>GC</sup> , RHPM 210
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ECON 103

<b>E LIFELONG LEARNING &amp; SELF DEVELOPMENT</b>	CHLD 252 <sup>USD</sup> , KINE 295S, RELS 264(W) <sup>GC</sup>	ENGL 240, PSYC 101, SOCI 133	NFSC 100, PSYC 101, RHPM 270	CHLD 255, CMST 234, SOCI 133	CHLD 272 <sup>GC</sup> , INST 110(W), RELS 264(W) <sup>GC</sup>	CHLD 252 <sup>USD</sup> , ENGL 240, PHIL 217	PHHA 160, KINE 110, RHPM 180	CMST 235 <sup>USD</sup> , INST 110(W), KINE 247 <sup>GC</sup>	CSCI 102, JOUR 255(W), PHIL 207	ENVL 105(W), NFSC 100, UNIV 105(W)
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AMAR 440B

## Upper Division GE Pathway Courses: 9 units

Select a Pathway and complete 1 course from each Disciplinary Area within that Pathway.  
It is recommended that you complete at least 45 semester units prior to beginning Upper Division GE.  
If you selected a POLS course from Area D –Social Sciences above, you may NOT select a POLS course from UD-D –Social Science.

Disciplinary Area	Diversity Studies	Ethics, Justice & Policy	Food Studies	Gender & Sexuality Studies	Global Development Studies	Great Books & Ideas	Health & Wellness	International Studies	Science, Technology & Values	Sustainability
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<b>UD-B SCIENTIFIC INQUIRY &amp; QUANTITATIVE REASONING</b>	BIOL 302(W), BIOL 323, GEOS 355	BIOL 303, BIOL 322(W), GEOS 355	GEOS 375, NFSC 310 <sup>GC</sup> , PSSC 390 <sup>GC(F)</sup> , PSSC 392 <sup>GC(S)</sup>	BIOL 323, PHHA/WMST 368, MCGS/ NURS 326(W)	NFSC 310 <sup>GC</sup> , PSSC 390 <sup>GC(F)</sup> , PSSC 392 <sup>GC(S)</sup>	BIOL 302 (W), BIOL 322 (W), SCED 300(W)	BIOL 318, BIOL 345, NFSC 303	GEOS 355, PHHA 323, PHYS 376(W)	BIOL 303, PHYS 307, TECH 380(W)	BIOL 334, GEOS 330(W), PSSC 390 <sup>GC(F)</sup> , PSSC 392 <sup>GC(S)</sup>
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AMAR 360

<b>UD-C ARTS/ HUMANITIES</b>	ENGL 364 (W) <sup>USD</sup> , FLNG 355 <sup>USD</sup> , PHIL 337 (W) <sup>USD</sup>	ENGL 355(F), ENGL 356(S), PHIL 323(W) <sup>GC</sup> , PHIL 341(W) <sup>GC</sup>	ENGL 330(W), HIST 341 <sup>USD</sup> , PHIL/RELS 339(W)	HIST/WMST 326(F), HIST/ WMST 335 <sup>USD(S)</sup> , MCGS 310(W) <sup>USD</sup> , MCGS/ THEA 315 <sup>USD</sup>	ENGL 353 <sup>USD</sup> , HIST/LAST 382(W) <sup>GC</sup> , HIST 381 <sup>GC</sup> , RELS 332 <sup>GC</sup>	ENGL 354(S), ENGL 355(F), HUMN 300(W) <sup>USD</sup> , PHIL 303(W)(F)	ENGL 342(W), HIST 305 <sup>GC</sup> , PHIL 327(W)	FLNG 340(W)(S), FLNG 380(F), HIST/ MEST 362(W) <sup>GC(F)</sup> , HIST/ MEST 363 <sup>GC(S)</sup> , RELS 332 <sup>GC</sup>	ENGL 350(W) <sup>USD</sup> , PHIL 370(W), RELS 357(W)	ENGL 338(W), HIST 341 <sup>USD</sup> , PHIL 336 <sup>USD</sup>
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<b>UD-D SOCIAL SCIENCES</b>	ECON 340 (W), GEOG 352 <sup>USD</sup> , MCGS/SOCI 350 <sup>USD</sup>	ECON 340(W), POLS 365(W) <sup>USD</sup> , PSYC 391	ABUS 390 <sup>GC</sup> , ANTH 340(W) <sup>GC</sup> , GEOG 301(W) <sup>GC</sup>	CHLD 333(W), POLS/ WMST 324(W)(F), MCGS/ POLS401(W) <sup>USD(S)</sup> , PSYC 345	ANTH 376(W) <sup>GC(F)</sup> , ANTH 377(W) <sup>GC(S)</sup> , GEOG/LAST 357 <sup>GC</sup> , SOCI 354 <sup>GC(S)</sup> , SOCI 370 <sup>GC(F)</sup>	SOSC 300	ECON 352, PHHA 370, SOCI 363	GEOG 303 <sup>GC</sup> , SOCI 335 <sup>USD(S)</sup> , SOCI 370 <sup>GC(F)</sup> , WMST 339 <sup>USD</sup>	ANTH 333 <sup>GC</sup> , MADT 307, PSYC 321	ECON 365, GEOG 304, SOCI 420 <sup>USD</sup>
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**LEGEND:** (W) = Writing Course USD = United States Diversity GC = Global Cultures (F) = Offered fall semester only (S) = Offered spring semester only

(Fall 2021) Updated 6/10/2021