

Engineering Liberal Education Program

Engineering students satisfy the Liberal Education Program as follows: Goal Areas 3, 4, and 9 are satisfied within the major and therefore no additional courses are needed. The remaining Goal Areas may be satisfied in a variety of ways as deemed best by each student. Below is a table which offers one way of satisfying all the Goal Areas with minimum course load. Consult your advisor for alternative options if desired.

SCSU Engineering Liberal Education Program Example	Credits:
Goal Area 1: Communicate Orally & in Writing (2 courses) <i>ENGL 191 (4 cr) and CMST 192 (3 cr)</i>	7
Goal Area 2: Critical Reasoning <i>Satisfied by ENGL 306 or CMST 306</i>	0
Goal Area 3: Natural & Physical Sciences (2 courses) <i>[All 3 required for major]</i> <i>CHEM 210* (4 cr), PHYS 234 (5 cr), and PHYS 235 (5 cr)</i>	14
Goal Area 4: Mathematical Thinking & Quantitative Reasoning <i>MATH 221 (4 cr) and MATH 222 (4 cr) [Both required for major]</i>	8
Goal Area 5: History & Social & Behavioral Sciences (2 courses) <i>SOC 200 (Goal 5, 10, & diversity) and ECON 205 or 206</i>	6
Goal Area 6: Humanities & Fine Arts (2 courses) <i>Art 131 (Goal 6, 8 & diversity) and ENGL 306 or CMST 306 (Goal 2, 6)</i>	6
Goal Area 7: Racial/Ethnic Diversity (one course flagged racial issues) <i>WS 220 (Racial Issue)</i>	3
Goal Area 8: Global Perspectives <i>Satisfied by ART 131 (Goal 6, 8 and diversity)</i>	0
Goal Area 9: Ethical and Civic Engagement <i>GENG 101 (formerly listed as MME or ECE 101)(3 cr) [Required for major]</i>	3
Goal Area 10: Environmental Issues <i>Satisfied by SOC 200 (Goal 5, 10, diversity)</i>	0
Total General Education Credits	47

**Computer Engineering students do not take CHEM 210 and so must pick a Goal Area 10 course other than PHYS which is dual-listed with Goal Area 3.*

The Liberal Education Program courses and Goal Areas are defined at the link below:

<https://catalog.stcloudstate.edu/Catalog/ViewCatalog.aspx?pageid=viewcatalog&catalogid=7&chapterid=6&loadusercredits=False>

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