

Santa Clara University – College of Arts and Sciences
Bachelor of Science in Engineering Physics (EP)
 February 2026, CPW

NAME _____
I.D. # _____

EXPECTED GRADUATION DATE _____
EMAIL ADDRESS _____

University Core Requirements

Theme I: Foundations

Critical Thinking & Writing 1 _____
 Critical Thinking & Writing 2 _____
 Cultures & Ideas 1 _____
 Cultures & Ideas 2 _____
 Second Language _____
 Mathematics _____
 Religion, Theology & Culture 1 _____

Theme II: Explorations

Ethics _____
 Civic Engagement _____
 Diversity _____
 Arts _____
 Natural Science _____
 Social Science _____
 Religion, Theology & Culture 2 _____
 Cultures & Ideas 3 _____
 Science, Technology & Society* _____
 Religion, Theology & Culture 3 _____

Theme III: Integrations

Ex. Learning Social Justice _____
 Advanced Writing† _____
 Pathway Title _____
 Pathway Course 1 _____
 Pathway Course 2 _____
 Pathway Course 3 _____
 Pathway Course 4 _____

*STS satisfied by PHYS 103 + PHYS 192
 †Advanced writing satisfied by PHYS 151

Comments (minors, jobs, etc):

Engineering Physics Requirements:

PHYS 31 _____
 PHYS 32 _____
 PHYS 33 _____
 PHYS 34 _____
 PHYS 70 _____
 PHYS 103* _____
 PHYS 111 _____
 PHYS 112 _____
 PHYS 120 or MECH 121 _____
 PHYS 121 _____
 PHYS 192 _____
 UD PHYS elective _____

* Take Intro Computing course before PHYS 103

CHEM 11 or 14 _____
 MATH 11 _____
 MATH 12 _____
 MATH 13 _____
 MATH 14 _____
 AMTH 106 (preferred) or MATH 23 _____

Intro computing:

one course chosen from:
 CSCI 10, COEN 10 or 11, MECH 45

At least four courses from this list:

CHEM 12, CHEM 14 (CHEM 12 and CHEM 14 cannot both be taken for credit), MECH 10, MECH 11, MECH 15, MECH 122, MECH 143 or ECEN 123 or CSEN 123, CENG 41, CENG 43, CSEN 11 or CSCI 60, ECEN 21 or CSEN 21, ECEN 100, ECEN 110, ECEN 115, ECEN 118, ECEN 144.

Special Emphasis (5 courses):

Title: _____

Courses:

Note:

Students are personally responsible for knowing all academic and administrative policies and regulations affecting their program of study and for abiding by all such policies and regulations during their period of enrollment at the University. Continued enrollment is subject to compliance with the academic and administrative policies and regulations as described herein and otherwise published by the University. Failure to understand the policies and regulations does not relieve a student of his or her responsibility for adhering to the policies and regulations. (Undergraduate Bulletin)