

Santa Clara University – College of Arts and Sciences
Bachelor of Science in Engineering Physics (EP)
 January 2023 – g.r.

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 _____
 MATH 22 or MATH 23 _____
 or AMTH 106 _____

One course chosen from:

CSCI 10, COEN 10 or 11, MECH 45 _____

At least four courses from this list:

CHEM 12, MECH 10, 11, 15, 122, MECH 143 or
 ELEN 123 or COEN 123, CENG 41, 43, COEN 11
 or CSCI 60, ELEN 21 or COEN 21, ELEN 100, 110,
 115, 118, 144

Special Emphasis (5 courses):

Title: _____

Courses:

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)