

Santa Clara University
College of Arts & Sciences
Bachelor of Science in Physics – Biophysics Track

January 2023 – g.r.

NAME _____
 I.D. # _____

EXPECTED GRADUATION DATE _____
 EMAIL ADDRESS _____

University Core Requirements (Record course and term)

Theme I: Foundations

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

Theme II: Explorations

Ethics _____
 Civic Engagement _____
 Diversity: U.S. Perspectives _____
 Arts _____
 Natural Science _____ X _____
 Social Science _____
 Religion, Theology & Culture 2 _____
 Cultures & Ideas 3 _____
 Science, Technology & Society* _____ (X) _____
 Religion, Theology & Culture 3 _____

Theme III: Integrations

Experiential Learning for
 Social Justice _____
 Advanced Writing† _____
 Pathway Title _____
 Pathway Course 1 _____
 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:

Physics Major Course Requirements

PHYS 31, 32 or 11, 12 _____
 PHYS 33 _____
 PHYS 34 _____
 PHYS 70 _____
 PHYS 103* _____
 PHYS 111 _____
 PHYS 192 _____
 CHEM 11 or 14 _____
 MATH 11 _____
 MATH 12 _____
 MATH 13 _____
 MATH 14 _____
 MATH 22 or 23 _____
 or AMTH 106 _____

BIOPHYSICS TRACK also requires the following courses:

PHYS 120 or CHEM 152& _____
 PHYS 121 or CHEM 151& _____
 PHYS 171 _____
 BIOL 1A _____
 BIOL 1B _____
 BIOL 1C _____
 CHEM 12 or 14 _____
 CHEM 31 _____
 CHEM 32 _____

AND ten upper division elective units chosen from PHYS 112, 113, 113L, 116, 122, 123, 123L, 151, BIOL 122, 124, 175; CHEM 141, 143, 150, 154; BIOE 154, 155, 161, 162, 163, 167, 168, 172. *At least one course must be in physics if CHEM 152 is taken instead of PHYS 120 or CHEM 152 is taken instead of PHYS 121.*

& CHEM 151, 152 have CHEM 50 as a prerequisite

* CSCI 10 (or similar) strongly recommended as prerequisite

Note:

CHEM 33, CHEM 141 and a course in statistics (MATH 8 or BIOL 160) are recommended for pre-health.

Graduation Unit Requirements

A minimum of 175 units are required for graduation.

Units remaining to fulfill requirement of 175 units _____

Units remaining to fulfill requirement of 60 upper division units: _____

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)