

Integrative Science-Public Health Advising Track

LEVEL 1: Building a Scientific Foundation (16 Credits)

- _____ BIOL 101 Foundations of Biology (4) fall only
- _____ BIOL 201 Intermediate Cell Biology and Genetics (4)
- _____ MATH 124 Probability and Statistical Inference (4)
- _____ NUTR 125 Concepts of Nutrition Science (4)

LEVEL 2: First Integration Point (4 Credits) Must be taken in sophomore year unless permission is granted from chair.

- _____ ESSS 273 Health and Fitness (4) fall only

LEVEL 3a: Building Depth and Breadth: Upper Division Natural Science courses (20 Credits with no more than 12 credits from one academic department) Course prerequisites are bracketed at the right, followed by the semester the course is typically offered. Please note that it is the student's responsibility to make sure all prerequisites are complete prior to enrolling in upper division coursework.

- _____ BIOL 307 Microbiology (4) {BIOL 101, 201, CHEM 125, 250} fall
- _____ BIOL 319 Immunology (4) {BIOL 101, 201, CHEM 125, 250} offered irregularly
- _____ BIOL 315 Virology (4) {BIOL 101, 201}
- _____ NUTR 301 Diet, Health & Disease Prevention (4) {NUTR 125, 323, BIOL 216} fall and spring
- _____ NUTR 323 Public Health Nutrition (4) {NUTR 125} fall and spring
- _____ NUTR 326 Global Health and Nutrition (4) {NUTR 125, 323}
- _____ ENVR 300Q Environmental Health (4)
- _____ ENVR 333 Sustainable Agriculture Science (4)

Note: No more than 12 credits from any one department

LEVEL 3b: Additional upper Division Courses (8 credits including Natural Science coursework and courses outside the Natural Sciences)

- _____ Any upper division Natural Science Course _____
- _____ Any upper division Natural Science Course _____
- _____ COMM 352 Health Communication (4)
- _____ PSYC 343 Health Psychology (4)
- _____ PSYC 360 Developmental Psychology (4)
- _____ SOCI 337I Anthropology of Global Health Challenges (4)

LEVEL 4: Second Integration Point (4 Credits which cannot also be counted toward the level 3a or level 3b requirement)

- _____ NUTR 330 Nutritional Biochemistry and Assessment (4) {NUTR 125, CHEM 125, 250 (or concurrent with 250)} fall
- _____ ISCI 310 Applied Pathophysiology (4) {ISCI 201 or ESSS 273 & BIOL 201, 216, or ESSS 258, or equiv. human physiology course} fall
- _____ ISCI 301 (2) fall

LEVEL 5: Integration Science Capstone (4 Credits)

- _____ ISCI 378 (4) spring only
- _____ BIOL 397 (4) Internship
- _____ ESSS 397 (4) Internship

*** No more than 12 credits can be counted toward another major or minor.**

Public health programs often desire or require that you participate in related experiences. Such options at CSB/SJU might include Alternative Break Experiences or study abroad in the South Africa or Guatemala programs SOCI 111 Introduction to Sociology (4)

Additional recommended coursework:

- NUTR 230 Food and Culture (2)
- NUTR 260D Linking Agriculture and Nutrition (2)
- NUTR 341 Nutrition Education (2)
- PCST 111 Introduction to Peace Studies (4)
- GEND 360K Global Gender Issues (4)

| | Year 1 | Year 2 | Year 3 | Year 4 |
|--------|--------|--------|--------|--------|
| Fall | | | | |
| Spring | | | | |

Common Curriculum requirements:

FYS I & FYS II ES EL Theo 111 FA HM & HM (different departments) FAE
 GL 111, 112, 211 GE IC TU NS MT SS