

**CSB/SJU Integrated Science-Health Science Advising Track****LEVEL 1: Building a Scientific Foundation (16 Credits)**

- \_\_\_\_\_ BIOL 101 Foundations of Biology (4)
- \_\_\_\_\_ BIOL 201 Intermediate Cell Biology and Genetics (4) or BIOL 216 Physiology in Practice (4)
- \_\_\_\_\_ CHEM 125 Introduction to Chemical Structure (4) and CHEM 201 Purification and Separation Lab I (0-1)
- \_\_\_\_\_ NUTR 125 Concepts of Nutrition Science (4)

**LEVEL 2: First Integration Point (4 Credits)**

- \_\_\_\_\_ ESSS 273 Health and Fitness (4)

**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. 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}
- \_\_\_\_\_ BIOL 317 Introduction to Biochemistry (4) {BIOL 101, 201, CHEM 125, 250, 255, 201, 202, 205}
- \_\_\_\_\_ BIOL 323 Animal Physiology (4) {BIOL 101, 201}
- \_\_\_\_\_ BIOL 325 Human Anatomy and Physiology I (4) {BIOL 101, 201}
- \_\_\_\_\_ BIOL 326 Human Anatomy and Physiology II (4) {BIOL 325}
- \_\_\_\_\_ BIOL 373K Neurobiology (4) {BIOL 101, 201, with grades of C or better}
- \_\_\_\_\_ NUTR 301 Diet, Health & Disease Prevention (4) {NUTR 125, 323, BIOL 216}
- \_\_\_\_\_ NUTR 330 Nutritional Biochemistry and Assessment (4) {NUTR 125, CHEM 125, 250 (or concurrent with 250)}
- \_\_\_\_\_ NUTR 331 Exercise Nutrition and Supplements (4) {NUTR 125, CHEM 125, 250}
- \_\_\_\_\_ ESSS 306 Kinesiology (4) {ESSS 258 or BIOL 325 (or concurrent with 325); PHYS 105 or 191 recommended}
- \_\_\_\_\_ ESSS 308 Exercise Physiology (4) {ESSS 273, ESSS 258 or BIOL 216 or 325, MATH 118 or 119 or 124 or PSYC 221 or SOCI 201}

**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 382 Health Communication (4)
- \_\_\_\_\_ PSYC 340 Physiological Psychology (4)
- \_\_\_\_\_ PSYC 342 Psychopharmacology (4)
- \_\_\_\_\_ PSYC 343 Health Psychology (4)
- \_\_\_\_\_ PSYC 360 Developmental Psychology (4)
- \_\_\_\_\_ PSYC 370 Clinical and Counseling Psychology (4)
- \_\_\_\_\_ PSYC 381 Abnormal Psychology (4)
- \_\_\_\_\_ PSYC 382 Neuropsychology (4)
- \_\_\_\_\_ SOCI 333 Sociology of Medicine and Health Care (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)**

- \_\_\_\_\_ ESSS 306 Kinesiology (4) {ESSS 258 or BIOL 325 (or concurrent with 325); PHYS 105 or 191 recommended}
- \_\_\_\_\_ ESSS 308 Exercise Physiology (4) {ESSS 273, ESSS 258 or BIOL 216 or 325, MATH 118 or 119 or 124 or PSYC 221 or SOCI 201}
- \_\_\_\_\_ NUTR 330 Nutritional Biochemistry and Assessment (4) {NUTR 125, CHEM 125, 250 (or concurrent with 250)}
- \_\_\_\_\_ NUTR 331 Exercise Nutrition and Supplements (4) {NUTR 125, CHEM 125, 250}

**LEVEL 5: Integration Science Capstone (4 Credits)**

- \_\_\_\_\_ ISCI 378
- \_\_\_\_\_ BIOL 397 Internship
- \_\_\_\_\_ ESSS 397 Internship

Should students apply for distinction in the major, they would enroll in one of the following sets of research :

- \_\_\_\_\_ ESSS Research
  - ESSS 316 Research Methods (2 credits)
  - ESSS 395 Research Seminar I (1 credit)
  - ESSS 396 Research Seminar II (1 credit)
- \_\_\_\_\_ NUTR Research
  - NUTR 380 Research Seminar I (1)
  - NUTR 381 Research Seminar II (1)
  - NUTR 396 Nutrition Research Capstone (2)