PRE-PROFESSIONAL HEALTH SCIENCE, MINOR

Liberal Arts (Code 709-400)

For advising, contact one of the pre-professional advisors listed with the pre-professional program of interest or contact the Biology Department for a referral.

This minor is designed for students preparing for post-baccalaureate health profession programs. Students in pre-dentistry, pre-optometry, pre-chiropractic, pre-pharmacy, pre-physical therapy, and other pre-professional health programs, as found in this catalog, may find this minor helpful in planning a baccalaureate degree. Because admission requirements vary widely among graduate programs, it is strongly recommended that the student consult with an advisor listed with the pre-professional program of interest. This minor may not be appropriate preparation for some graduate-level health profession programs.

Twenty-four credits are required from courses outside of the major department. At least eleven credits must be from courses numbered 300 or higher.

Core:
BIOL 221 Foundations of Biology I 4
BIOL 222 Foundations of Biology II 3
BIOL 223 Foundations of Biological Inquiry 2
CHEM 104 General Chemistry II 4-6
or CHEM 109 General Chemistry II with Lab
or CHEM 115 Chemical Principles
CHEM 325 Organic Chemistry I with Laboratory 4
CHEM 326 Organic Chemistry II with Laboratory 4

Select one of the following: 3
ENGL 312 Science Writing
ENGL 313 Technical Writing
ENGL 314 Cultural Rhetorics
ENGL 315 Visual Rhetorics of Science, Technology, and Culture
ENGL 316 Rhetorics of Social Justice

Or approved writing intensive course in the humanities or social sciences that satisfies the admission requirements of the student’s health professional program.

Remaining credits are to be chosen from the following courses outside of one’s major:
BIOL 214 Human Anatomy and Physiology I
& BIOL 314 Human Anatomy and Physiology II
BIOL 305 Molecular and Cell Biology
BIOL 323 Genetics
BIOL 361 Biology of Microorganisms
CHEM 213 Quantitative Analysis
CHEM 352 Fundamentals of Biochemistry
ECON 280 Health Economics
ENPH 450 Introduction to Environmental Health
IDIS 301 Exploring Mind/Body Connections
MATH 114 Calculus I
MATH 246 Elementary Statistics
NRSG 211 Wellness: Food for Fitness
NRSG 212 Navigating Health Care
NRSG 213 Body, Mind, Spirit Wellness
NRSG 220 The Language of Health Care
NRSG/WGSS 265 Women’s Health Issues
NRSG 377 International Dimensions of Health Care
NRSG 385 Men’s Health Issues
NRSG 389 Cross Cultural Health
PHIL 306 Ethics of Health Care
PHYS 212 General Physics
or PHYS 232 University Physics II
PSYC 230 Human Development

1 No credit for BIOL 214 unless BIOL 314 is taken.