W&M Department of Health Sciences

The B.S. in Public Health (PBHL):

Students must pass the following required courses; prerequisites noted in parentheses (24 credits):

- PBHL 101 – Introduction to Public Health *Credits (3)*
- PBHL 201 - Foundations of Epidemiology (prerequisite PBHL101) – *Credits (3)*
- PBHL 212 - Global Health (prerequisite PBHL101) – *Credits (3)*
- HHP 300 – Statistical and Data Analysis in Health Sciences (prerequisite two courses in HHP or PBHL) - C*redits: (3)*
- PBHL 323 - Health Policy (prerequisite PBHL 201) *Credits: (3)*
- PBHL 325 - Environmental Issues in Public Health (prerequisite PBHL 201) - *Credits: (3)*
- PBHL 350 - The Social and Behavioral Sciences in Health (prerequisite PBHL 201) - *Credits: (3)*

CAPSTONE pick one (3 Credits)

- PBHL 410 – Advanced Topics in Public Health (prerequisite PBHL 323, 325, or 350 and PBHL 300) – *Credits (3) (example Public Health Research Issues)*
    - This course covers advanced topics in public health. Students will engage in an advanced topic that integrates the knowledge gained through their progression in the degree curriculum. The course will satisfy the C400 requirements as well as the major writing requirement.
- PBHL 490 – Advanced Research in Public Health (delinked; prerequisite PBHL 480) - *Credits (3)*
    - In this course students will engage in intensive research training with the instructor for at least 3 hours during the semester and may also include 1h per week laboratory meeting with the instructor (15h). Additional independent research conducted by the student typically includes ~3h per week/per credit hour in the laboratory (45h per semester for 1 credit, 135h for 3 credits). In addition, students will be expected to write a research paper presenting their results in a scientific manner to an informed audience. In addition, students' research findings will be presented in poster format using lay language and intended for a general audience, to be presented at the Health Sciences Research Symposium held at the end of each semester. The course will satisfy the C400 requirements as well as the major writing requirement.
- PBHL 498 – Internship – *Credits (3)*

Electives – 12 Credit Hours

HHP 210 Human Anatomy (3 credits)

HHP 210L Human Anatomy Laboratory (1 credit)
HHP 310 Biomechanics of Human Movement (3 credits)
HHP 314 Medical Terminology (3 credits)
HHP 315 Health-Related Exercise Prescription (3 credits)
HHP 316 Medical Pharmacology (3 credits)
HHP 317 Motor Control, Learning, and Development (3 credits)
HHP 320 Human Physiology (3 credits)
HHP 320L Human Physiology Laboratory (1 credit)
HHP 325 Exercise Physiology (4 credits)
HHP 326 Microbes in Human Disease (3 credits)
HHP 326L Microbes in Human Disease Laboratory (1 credit)
HHP 330 Nutrition and Human Performance (3 credits)
HHP 331 Nutrition Across the Lifespan (3 credits)
HHP 332 Nutrition in Health and Disease (3 credits)
HHP 411 Cardiovascular Physiology (3 credits)
HHP 412 Cellular Basis of Neuromuscular Physiology (3 credits)
HHP 414 Physiology of Aging (3 credits)
HHP 470 Independent Study in Health Sciences (1-3 credits)
HHP 480 Research in Health Sciences (1-3 credits)

TOTAL Credits = 36