BIOHEALTH SCIENCES (BHS)

BHS 107. HEALTH PROFESSIONS: DENTAL. (1 Credit)
Discussion of matters relating to a dental career. Includes application
procedures, the importance of various requirements, admissions,
professional school curricula, financing education and related matters.
Speakers are included. Graded P/N.

BHS 110. BIOHEALTH SCIENCES ORIENTATION. (1 Credit)
Introduction of incoming BioHealth Sciences students to college life
with an emphasis on faculties, facilities, services, and curricula in BHS.
Exposure to career opportunities for students interested in the BioHealth
Sciences. Graded P/N.

BHS 199. SPECIAL TOPICS. (1-16 Credits)
Graded P/N.
Equivalent to: GS 199
This course is repeatable for 16 credits.

BHS 255. ALLIED HEALTH MICROBIOLOGY. (4 Credits)
General properties of cellular microbes and viruses, microbial
biochemistry and genetics, pathogenesis and disease, immunity,
and microbial infections. Lecture and lab emphasis is on medical
microbiology, infectious diseases, and public health. Not intended for
biological sciences majors. Lec/lab. CROSSLISTED as MB 255.
Attributes: CPBS – Core, Pers, Biological Science

BHS 316. PRINCIPLES OF IMMUNOLOGY. (3 Credits)
Interactions of the innate and adaptive immune responses in the context
of infectious diseases, autoimmune diseases, immunodeficiencies and
immunotherapies. This course is designed for non-microbiology majors.
Prerequisites: MB 230 with C- or better or ((BI 212 with C- or better or
BI 212H with C- or better) and (BI 213 [C-] or BI 213H [C-]) or (BI 204 [C-]
and BI 205 [C-])

BHS 323. MICROBIAL INFLUENCES ON HUMAN HEALTH. (3 Credits)
How microorganisms contribute in beneficial and detrimental ways to
human health. Emphasis on microbial contributions to cancer, gut health,
chronic infection and autoimmune diseases. This course is part of the
Writing Intensive Curriculum for the BioHealth Sciences major. (Writing
Intensive Course)
Attributes: CWIC – Core, Skills, WIC
Prerequisites: MB 302 with D- or better or BI 314 with D- or better or
BB 450 with D- or better

BHS 329. MECHANISMS OF DISEASE: INTRODUCTION TO GENERAL
PATHOLOGY. (3 Credits)
An introduction to basic principles of disease, focused on structural and
functional changes of cells, tissues and organs, and their relationships
to clinical disease. The emphasis of the course is at the cellular to organ
level, but will cover some on molecular mechanisms as pertinent.
Prerequisites: (BI 211 with D- or better or BI 211H with D- or better) and
(BI 212 [D-] or BI 212H [D-])

BHS 340. HUMAN VIROLOGY. (4 Credits)
Properties of viruses, their biology, pathogenesis and concern to society.
Emphasis on viruses causing human disease. CROSSLISTED as MB 340.
Prerequisites: (BI 204 with C- or better and BI 205 [C-] and BI 206 [C-]) or
(BI 211 [C-] and BI 212 [C-] and BI 213 [C-])
Equivalent to: MB 340

BHS 401. RESEARCH. (1-16 Credits)
Equivalent to: GS 401
This course is repeatable for 16 credits.