Bachelor of Science in Human Biology
Emphasis Physiology

FOUNDATIONAL SKILLS
(19 CREDIT HOURS):
ENGL 101 English Composition I...........................................3 credit hours
ENGL 102 English Composition II ...........................................3 credit hours
SPCH 101 Oral Communications............................................3 credit hours
MATH 201 College Algebra ..................................................3 credit hours
HSCI 102 Health Science Terminology .................................1 credit hour
Foundational Skills Electives .................................6 credit hours

GENERAL EDUCATION
(24 CREDIT HOURS):
POLS 101 American History  
or American Government ........................................3 credit hours
PSYC 101 General Psychology ..........................................3 credit hours
SOCI 101 General Sociology ...........................................3 credit hours
ECON 101 Economics or
BUSI 101 Business Management .......................................3 credit hours
General Education Electives ..........................12 credit hours

FOUNDATIONAL SCIENCES
(24 CREDIT HOURS):
PHYS 220 Physics I with Lab ...........................................4 credit hours
PHYS 222 Physics II with Lab ...........................................4 credit hours
CHEM 240 General Chemistry I with Lab .....................4 credit hours
CHEM 242 General Chemistry II with Lab .....................4 credit hours
CHEM 300 Organic Chemistry I with Lab .....................4 credit hours
CHEM 302 Organic Chemistry II with Lab .....................4 credit hours

BIOLOGICAL SCIENCES
(24 CREDIT HOURS):
BIOL 230 Principles of Biology with Lab ......................4 credit hours
BIOL 250 Anatomy and Physiology I with Lab ..............4 credit hours
BIOL 251 Anatomy and Physiology II with Lab ..............4 credit hours
BIOL 301 Microbiology with Lab ......................................4 credit hours
BIOL 340 Genetics ..........................................................3 credit hours
Biological Science Electives ........................5 credit hours

LIFE SCIENCES
(29 CREDIT HOURS):
BIOL 350 Embryology .................................................3 credit hours
BIOL 352 Histology with Lab ...........................................5 credit hours
BIOL 354 Cell Physiology .............................................3 credit hours
BIOL 360 Introduction to Research ................................1 credit hour
BIOL 460 Immunobiology ...............................................3 credit hours
CHEM 346 Biochemistry I with Lab ..................................5 credit hours
CHEM 440 Biochemistry II .............................................5 credit hours
CHEM 480 Basic Nutrition .............................................4 credit hours

CAPSTONE
(4 CREDIT HOURS):
BIOL 495 Advanced Topics in Human Biology ..............4 credit hours
(Residency Requirement)

EMPHASIS
(13.5 CREDIT HOURS):
BIOL 430 Systemic Anatomy ...........................................3.5 credit hours
BIOL 470 Cardiovascular Physiology ..............................4 credit hours
BIOL 472 Endocrine/Reproductive Physiology .............3 credit hours
BIOL 474 Renal Physiology .............................................3 credit hours

QUESTIONS? Contact the office of admissions at 800.467.2252 or visit cleveland.edu.