LIBERAL ARTS & SCIENCES A.S. to BIOLOGY B.S.

Start your college journey in the Liberal Arts & Sciences A.S. at Hudson Valley Community College. Continue your degree in Psychology B.A. at SUNY Plattsburgh.

Liberal Art & Sciences A.S. (64)

Major Requirements:
- BIOL 190 – Biology I (4)
- BIOL 191 – Biology II (4)
- BIOL 210 – Ecology (4)
- BIOL 281 – Genetics (3)
- CHEM 110 – General Chemistry I (4)
- CHEM 111 – General Chemistry II (4)
- CHEM 210 – Organic Chemistry I (4)
- CHEM 211 – Organic Chemistry II (4)
- MATH 160 – Precalculus (4)
- MATH 180 – Calculus I (4)
- PHYS 140 – Physics I or PHYS 150 – General Physics I (4)
- PHYS 142 – Physics II or PHYS 151 – General Physics II (4)

Select two of the following:
- BIOL 205 – Microbiology (4)
- BIOL 207 – Botany (4)
- BIOL 240 – Invertebrate Zoology (4)
- BIOL 241 – Vertebrate Zoology (4)

SUNY General Education (30):
Completion of SUNY General Education requirements will waive you from SUNY Plattsburgh General Education requirements except for our Global Issues category.

http://www.suny.edu/attend/academics/genedreq/

Biology B.S. (60 - 64)

Major Requirements:
- BIO 208 – Evolution (3)
- BIO 380 – Communicating Biology (AWR) (3) or BIO 490 – Investigative Biology Experiments (AWR) (12)
- BIO 401 – Cell Biology (4) or BIO 490 – Investigative Biology Experiments (AWR) (12)
- BIO 411 – Plant Physiology (4) or BIO 421 – Principles of Animal Physiology (4) or BIO 326 – Human Anatomy & Physiology I (4) and BIO 327 – Human Anatomy & Physiology II (4)
- Biology Electives (9)

Cognates:
Select a or b (4):
- a. CHE 371 – General Biochemistry
- b. CHE 401 – Biochemistry and CHE 481 Biochemistry Lab

Select one of the following (3):
- MAT 131 – Quantitative Reasoning in Basic Math or MAT 161 – Introductory Statistics or BIO 333 – Biostatistics

Electives (1 - 10)
Electives will be selected with advisement of your academic advisor.

SUNY Plattsburgh General Education (3)
Select one course from the Global Issues category.