Curriculum Plan for ____________________________________________________________

HUMAN BIOLOGY MAJOR WITH EMphasis IN GENERAL HUMAN BIOLOGY

Supporting Courses, 27-30 credits minimum
☐ BIOLOGY 202 Prin of Biology I 4cr (F,S)
☐ CHEM 211 Prin of Chemistry I 4cr (F,S)
☐ CHEM 212 Prin of Chemistry II 4cr (F,S)
☐ CHEM 213 Prin of Chemistry I Lab 1cr (F,S)
☐ CHEM 214 Prin of Chemistry II Lab 1cr(F,S)
☐ ENG COMP 105 Expository Writing 3cr(F,S) 
(satisfied with an ACT English score of 32 or higher)
☐ HUM BIOL 204 Anatomy & Phys 5cr (F,S)
☐ HUM BIOL 207 Laboratory Safety 1cr (F,S)
☐ MATH 260 Introductory Statistics 4cr (F,S)

Please note: Students who enroll in Fall of 2011 or later will be required to obtain an average GPA of 2.5 or greater in the following courses before declaring a Human Biology major or minor: BIOLOGY 202 (4 cr); HUM BIOL 204 (5 cr); CHEM 211 (4 cr) and CHEM 212 (4 cr)

Select one:
☐ Oral communication (COMM 133)
☐ Literature (e.g., ENGLISH 104 Intro to Lit)
☐ Non-English language (one year at the college level)

Upper-Level Courses, 30-31 credits
Select one course from three of the following four areas, 9-10 credits:

Genetics:
☐ BIOLOGY 303 Genetics 3cr (F,S)
☐ HUM BIOL 310 Human Genetics 3cr (F,S) WE

Physiology:
☐ HUM BIOL 350 Exercise Physiol 4cr (F) WE
☐ HUM BIOL 402 Human Physiology 3cr (F,S)

Nutrition:
☐ NUT SCI 300 Human Nutrition 3cr (F,S)
☐ NUT SCI 302 Ethnic Influences Nut 3cr (S)

Cell Biology:
☐ BIOLOGY 302 Princ of Microbiology 4cr* (F,S)
☐ BIOLOGY 307 Cell Biology 3cr (F) WE

GENERAL EMPHASIS ELECTIVES: 21 credits
Three upper level laboratory courses* must be taken.

Human Biology:
☐ HUM BIOL 310 Human Genetics 3cr (F,S) WE
☐ HUM BIOL 324 Biology of Women 3cr (S)
☐ HUM BIOL 333 Princ Sports Phys 3cr (S)
☐ HUM BIOL 350 Exercise Phys 4cr* (F,S) WE
☐ HUM BIOL 351 Kinesiology 4cr* (F,S)

☒ HUM BIOL 402 Human Physiology 3cr (F,S)
☒ HUM BIOL 403 Human Phys Lab 1cr* (S) WE
☒ HUM BIOL 405 Biotechnology and Ethics 3cr (F) WE
☒ HUM BIOL 413 Neurobiology 3cr (F)
☒ HUM BIOL 422 Immunology 3cr (SO) WE
☒ HUM BIOL 423 Immunology Lab 1cr* (SO)
☒ HUM BIOL 426 Cancer Biology 3cr (SE)
☒ HUM BIOL 427 Cancer Biology Lab 1cr* (SE)
☒ HUM BIOL 444 Endocrinology 3cr (S) WE
☒ HUM BIOL 478 Honors in the Major 3cr
☒ HUM BIOL 495 Research in Human Biol 1-4cr
☒ HUM BIOL 497 Internship 1-4cr
☒ HUM BIOL 498 Independent Study 1-4cr

Biology:
☐ BIOLOGY 302 Microbiology 4cr* (F,S)
☐ BIOLOGY 303 Genetics 3cr (F,S)
☐ BIOLOGY 304 Genetics Laboratory 1cr* (F) WE
☐ BIOLOGY 307 Cell Biology 3cr (S) WE
☐ BIOLOGY 308 Cell Biology Lab 1cr* (S) WE
☐ BIOLOGY 309 Evolutionary Biology 3cr (F,S)
☐ BIOLOGY 340 Comparative Anatomy 4cr* (F) WE
☐ BIOLOGY 345 Animal Behavior 3cr (SE)
☐ BIOLOGY 346 Comparative Physiology 3cr (S)
☐ BIOLOGY 402 Advanced Microbiology 4cr* (SE) WE
☐ BIOLOGY 407 Molecular Biology 3cr (SO)
☐ BIOLOGY 408 Molecular Biology Lab 1cr* (SO)
☐ BIOLOGY 410 Development Biology 3cr (SO) WE
☐ BIOLOGY 411 Development Biology Lab 1cr* (SO)

Chemistry:
☐ CHEM 300 Bio-OrgChemistry 3cr (S)
☐ CHEM 301 Bio-OrgChemistry Lab 1cr (S)
☐ CHEM 302 Organic Chemistry I 3cr (F)
☐ CHEM 303 Organic Chemistry II 3cr (S)
☐ CHEM 304 Organic Chem Lab I 1cr (F)
☐ CHEM 305 Organic Chem Lab II 1cr (S)
☐ CHEM 311 Analytical Chemistry 4cr (S)
☐ CHEM 330 Biochemistry 3cr (F)
☐ CHEM 331 Biochemistry Lab 1cr* (F)
☐ CHEM 407 Molecular Biology 3cr (SO)
☐ CHEM 408 Molecular Biology Lab 1cr* (SO)

Nutritional Science:
☐ NUT SCI 300 Human Nutrition 3cr (F,S)
☐ NUT SCI 302 Ethnic Influences on Nutrition 3cr (S)
☐ NUT SCI 327 Nutritional Biochemistry 4cr* (F)
☐ NUT SCI 350 Life Cycle Nutrition 3cr (S)
☐ NUT SCI 427 Adv Nutrition & Metabolism 3cr (S)
☐ NUT SCI 495 Research in Nutritional Science 1-4cr
☐ NUT SCI 497 Internship 1-4cr
☐ NUT SCI 498 Independent Study 1-4cr

Psychology (maximum of two can be used):
☐ PSYCH 300 Experimental Psychology 4cr (F,S)
☐ PSYCH 308 Physiological Psychology 3cr (F,S)
☐ PSYCH 435 Abnormal Psychology 3cr (F,S)
☐ PSYCH 450 Health Psychology 3cr (S)

GENERAL EDUCATION: ☐ Fine Arts 3cr ☐ Humanities 9cr ☐ Social Science 9cr (6 SS-1; 3 SS2) ☐ Natural Science 10-12cr (HB1, HB2, NPS1 & NPS2) ☐ Ethnic Studies 3cr
☐ World Culture 3cr ☐ Writing Emphasis (2 lower level) ☐ Writing Emphasis (2 upper level)

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L:Forms (updated 3/26/14)