Curriculum Plan for _____ Date _____

HUMAN BIOLOGY MAJOR WITH *EMPHASIS IN CYTOTECHNOLOGY*

Supporting Courses, 30-36 credits

- ☐ BIOLOGY 202 Principles of Biology I 4cr (F,S)
- ☐ CHEM 211 Principles of Chemistry I 4cr (F,S)
- ☐ CHEM 212 Principles of Chemistry II 4cr (F,S)
- ☐ CHEM 213 Princ of Chemistry I Lab 1cr (F,S)
- ☐ CHEM 214 Princ 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& Physiology 5cr (F,S)
- ☐ HUM BIOL 207 Laboratory Safety 1cr (F,S)
- ☐ MATH 104 Elem Func: Algebra/Trig 4cr (F,S) (satisfied with math placement of MATH 202 or higher)
- ☐ MATH 260 Introductory Statistics 4cr (F,S)
- ☐ Literature (e.g., ENGLISH 104 Introduction to Literature), 3 cr (F,S)

Upper-Level Courses - need 47 credits of upper level courses. The 47 credits come from the combination of the required, elective courses, and (32) internship credits.

Required: Select one course from three of the following four areas, 9-10 credits:

Genetics:

- ☐ BIOLOGY 303 Genetics 3 cr (F,S)

or

- ☐ HUM BIOL 310 Human Genetics 3 cr (F,S) WE

Physiology:

- ☐ HUM BIOL 402 Human Physiology 3 cr (F,S)

Nutrition:

- ☐ NUT SCI 300 Human Nutrition 3 cr (F,S)

or

- ☐ NUT SCI 302 Ethnic Influences on Nutrition (S) 3 cr (ES)

Cell Biology:

- ☐ BIOLOGY 302 Princ of Microbiology 4 cr*(F,S)

or

- ☐ BIOLOGY 307 Cell Biology 3 cr (S)

Upper level Electives, 6 credits

Additional upper-level courses in human biology, biology and chemistry will depend upon the student's choice of clinical facility. Many upper-level courses in Biology, Human Biology, Nutritional Science or Chemistry can be used to meet this requirement. These courses should be selected with the help of a faculty advisor.

Recommended courses are below.

- ☐ BIOLOGY 302 Princ of Microbiology 4 cr (F,S)
- ☐ BIOLOGY 303 Genetics 3 cr (F,S)
- ☐ BIOLOGY 304 Genetics Laboratory 1 cr (F) WE
- ☐ BIOLOGY 307 Cell Biology 3 cr (F,S)
- ☐ BIOLOGY 308 Cell Biology Lab 1 cr (F,S) WE
- ☐ BIOLOGY 309 Evolutionary Biology 3 cr (F,S)
- ☐ BIOLOGY 340 Comp Anat of Vertebrate 4 cr (F)
- ☐ BIOLOGY 402 Advanced Microbiol 4 cr (SE) WE
- ☐ BIOLOGY 407 Molecular Biology 3 cr (SO)
- ☐ BIOLOGY 408 Molecular Biology Lab 1 cr (SO)
- ☐ BIOLOGY 410 Developmental Biol 3 cr (SO) WE
- ☐ BIOLOGY 411 Developmental Biol Lab 1 cr (SO)
- ☐ CHEM 300 Bio-Organic Chemistry 3 cr (S)
- ☐ CHEM 301 Bio-Organic Chemistry Lab 1 cr (S)
- ☐ CHEM 302 Organic Chemistry I 3 cr (F)
- ☐ CHEM 303 Organic Chemistry II 3 cr (S)
- ☐ CHEM 304 Organic Chem Lab I 1 cr (F)
- ☐ CHEM 305 Organic Chem Lab II 1 cr (S)
- ☐ CHEM 311 Analytical Chemistry 4 cr (S)
- ☐ CHEM 330 Biochemistry 3 cr (F)
- ☐ CHEM 331 Biochemistry Lab 1 cr (F)
- ☐ HUM BIOL 310 Human Genetics 3 cr (F,S)WE
- ☐ HUM BIOL 403 Human Phys Lab 1 cr (S) WE
- ☐ HUM BIOL 413 Neurobiology 3 cr (F)
- ☐ HUM BIOL 422 Immunology 3 cr (SO) WE
- ☐ HUM BIOL 423 Immunology Lab 1 cr (SO)
- ☐ HUM BIOL 426 Cancer Biology 3 cr (SE)
- ☐ HUM BIOL 427 Cancer Biology Lab 1 cr (SE)
- ☐ HUM BIOL 444 Endocrinology 3 cr (S) WE
- ☐ NUT SCI 300 Human Nutrition 3 cr (F,S)

Cytotechnology Internship, 32 credits:

Upon acceptance into a clinical program, student conducts internship at the cooperating institution.

- ☐ HUM BIOL 497 Internship, 1-16 credits

For sample 4 year curricular plan go to http://www.uwgb.edu/human-biology/program/curriculum/

GENERAL EDUCATION: ☐ Biol Sci • ☐ Capstone • ☐ Ethnic Stud • ☐ Fine Arts • ☐ First Year Semin • ☐ Global Culture • ☐ ☐ Humanities • ☐ Natural Sci ☐ Quantitative Literacy • ☐ ☐ Social Sciences • ☐ Sustainability • ☐ ☐ Writ Emph (2 up.level) • ☐ ☐ Writ Emph (2 low level) **Key: ☐ 1-4 cr; ☐ ☐ 6 cr**

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