

Cytotechnology Emphasis

HUMAN BIOLOGY Major

- UW-Green Bay is affiliated with two schools of cytotechnology: the Mayo Clinic and UW-Madison.
- Students complete 92 credits at UW-Green Bay, including all general education requirements, and then take an 11-month, 32-credit clinical internship at one of the cooperating institutions.
- After completion of the internship, students will graduate with a degree in Human Biology and be eligible for professional certification.

Supporting Courses

31-34

BIOLOGY 201 & BIOLOGY 202	Principles of Biology: Cellular and Molecular Processes and Principles of Biology Lab: Cellular and Molecular Processes
CHEM 211 & CHEM 213	Principles of Chemistry I and Principles of Chemistry I Laboratory
CHEM 212 & CHEM 214	Principles of Chemistry II and Principles of Chemistry II Laboratory
ENG COMP 105	Expository Writing ¹
ENGLISH 104	Introduction to Literature
HUM BIOL 204	Anatomy and Physiology
HUM BIOL 207	Laboratory Safety
MATH 104	Elementary Functions: Algebra and Trigonometry
MATH 260	Introductory Statistics

Upper-Level Courses

53-54

Select one course from three of the four areas:

Genetics

BIOLOGY 303 or HUM BIOL 310	Genetics Human Genetics
--------------------------------	----------------------------

Physiology

HUM BIOL 402	Human Physiology
--------------	------------------

Nutrition

NUT SCI 300 or NUT SCI 302	Human Nutrition Ethnic Influences on Nutrition
-------------------------------	---

Cell Biology

BIOLOGY 302 or BIOLOGY 307	Principles of Microbiology Cell Biology
-------------------------------	--

Choose 6 credits of the following elective courses: ²

BIOLOGY 302	Principles of Microbiology
BIOLOGY 303	Genetics
BIOLOGY 304	Genetics Laboratory
BIOLOGY 307	Cell Biology
BIOLOGY 308	Cell Biology Laboratory
BIOLOGY 340	Comparative Anatomy of Vertebrates
BIOLOGY 402	Advanced Microbiology
BIOLOGY 407	Molecular Biology
BIOLOGY 408	Molecular Biology Laboratory
BIOLOGY 410	Developmental Biology
BIOLOGY 411	Developmental Biology Laboratory
CHEM 300	Bio-Organic Chemistry
CHEM 301	Bio-Organic Chemistry Laboratory
CHEM 302	Organic Chemistry I
CHEM 303	Organic Chemistry II
CHEM 304	Organic Chemistry Laboratory I

CHEM 305	Organic Chemistry Laboratory II
CHEM 311	Analytical Chemistry
CHEM 330	Biochemistry
CHEM 331	Biochemistry Laboratory
CHEM 407	Molecular Biology
CHEM 408	Molecular Biology Laboratory
HUM BIOL 360	Exercise Physiology
HUM BIOL 361	Human Physiology Lab - Exercise and Metabolism
HUM BIOL 403	Human Physiology Laboratory
HUM BIOL 413	Neurobiology
HUM BIOL 422	Immunology
HUM BIOL 423	Immunology Lab
HUM BIOL 426	Cancer Biology
HUM BIOL 427	Cancer Biology Laboratory
HUM BIOL 444	Endocrinology
NUT SCI 300	Human Nutrition
Cytotechnology Internship	
HUM BIOL 497	Internship ³

Total Credits**84-88**

- ¹ Satisfied for students with an ACT English score of 32 or higher.
- ² Additional upper-level courses in Human Biology, Biology and Chemistry will depend upon the student's choice of clinical facility. These courses should be selected with the help of a faculty adviser.
- ³ Students complete 32 credits of internship total over a 3 semester sequence. In some situations students may choose to pursue clinical training after graduation from UW-Green Bay. In this option is selected, additional upper-level elective credits are required. Consult an adviser for these situations.

true