

B.S. - Biology
B.S. - Medical Technology
(Effective Fall 2004)

BIO 300-302 - Seminar (1) _____
(only 2 seminars can be used for bio credit)

GENERAL EDUCATION PROGRAM

I. Required Skills and Competencies

Fluency in Writing (3 credits) _____
Fluency in Speech (3 credits) _____

Mathematical Competency - (satisfied with
Calculus I)

Historical Perspective (6 credits)
HIS 105 - World History I (3) _____
HIS 106 - World History II (3) _____

Reading Comprehension (required only if the
student needs remedial instruction;
credits do NOT count towards graduation)

II. Categories of Knowledge* (33 credits)

A. Logic and Numbers for Rational Thinking (3)
MAT 102/170 - Statistics (3/4) _____

B. Linguistics, Literary, Artistic, Cultural
Traditions (9)

C. Biological and Physical Sciences (9)
- satisfied by major requirements

D. Political, Economic, Geographic Sciences (6)

E. Social and Behavioral Sciences (6)

Free Electives (14-15 credits)

Strongly recommended electives to consider:
PSY 101 - General Psychology
SOC 101 - Intro. to Sociology
IMS 142 - Intro. to Business Computer Systems
or
CSC 103 - Overview of Computer Science

* Refer to the Undergraduate Catalog to
determine the courses that can be counted
under each section.

Library/Information Skills must be fulfilled
through successful completion of the library
workbook before completing 30 credits.

MAJOR REQUIREMENTS

I. Biology Requirements (38 credits): **

Core Courses (33 cr.):
BIO 115 - Principles of Biology I (4) _____
BIO 116 - Principles of Biology II (4) _____
BIO 220 - Microbiology (3) _____
BIO 260 - Genetics (3) _____
BIO 317 - Parasitology (3) _____
BIO 324 - Pathogenic Microbiology (3) _____
BIO 350 - Human Physiology (4) _____
BIO 374 - Hematology (2) _____
BIO 385 - Cell Biology (3) _____
BIO 409 - Immunology (3) _____

Additional Biology Electives (5 cr.)

** Students must earn at least a 2.0 average
in Bio. 115 & 116 before upper-level Biology
electives may be taken. See catalog for
remediation procedure.

NOTES:

An overall **GPA** of at least **2.5** is required to
remain in the Medical Technology program.

II. Math Requirement (4 credits):

MAT 211 - Calculus I (4) _____

III. Chemistry Requirements (19 credits):

CHM 121 - Chemical Bonding with lab IB
(CHM 125) (4 credits) _____
CHM 122 - Chemical Dynamics with lab IIB
(CHM 126) (4 credits) _____

CHM 221 - Organic Chemistry I with lab IIIB
(CHM 225) (4 credits) _____
CHM 222 - Organic Chemistry II with lab IVB
(CHM 226) (4 credits) _____

CHM 301 - Biochemistry (3) _____

IV. Physics Requirements (8 credits):

PHY 121 - Introductory Physics I (3) with
PHY 123 - Physics I lab (1) _____

PHY 122 - Introductory Physics II (3) with
PHY 125 - Physics II lab (1) _____