

UNHM
ASSOCIATE IN SCIENCE
BIOLOGICAL SCIENCES
(64 credits)

For Students Entering
September 2009

Name _____

Advisor _____

General Education	Course Title/#	Source	Date	Cr.	Grade
GROUP 1 Writing Skills*					
GROUP 2 Quantitative Reasoning* #					
GROUP 3 Two courses-Biological Sciences, Physical Sciences, Technology. #					
GROUP 4 Historical Perspectives GROUP 5 Foreign Culture GROUP 6 Fine Arts GROUP 7 Social Science GROUP 8 Works of Philosophy, Literature & Ideas Three courses from the above groups with no more than one course from any single group					
INTERDISCIPLINARY CORE REQUIREMENT** Humanities I (HUMA 411) or Humanities II (HUMA 412)					

Course Title/#

ENGL 401 _____ Students are required to complete two "Writing Intensive" courses: First-Year Writing and one other
other WI course _____ Writing Intensive designated course.

*Must be taken within the first 32 credits.

** Must be taken within the first 48 credits. May be used to fill group 8 if taken fall 2000 and after.

These General Education requirements may be satisfied through the Biological Sciences concentration requirements.

BIOLOGICAL SCIENCES

Course Title/#	Source	Date	Cr.	Grade
MATH 425 Calculus I (May be used to fulfill Group 2)				
RECO 528 or equivalent (PSYC 402)				
BIOL 413 Principles of Biology I (Maybe used to fulfill Group 3)				
BIOL 414 Principles of Biology II (Maybe used to fulfill Group 3)				
CHEM 403 General Chemistry I (May be used to fulfill Group 3)				
CHEM 404 General Chemistry II (May be use to fulfill Group 3)				
MICR 503 Gen. Microbiology				
CHEM 545/546 Organic Chem and Organic Lab				
BCHM 658/659 Gen. Biochemistry & Biochemistry Lab				
BIOL 604 Principles of Genetics				

Total Credits

BIOLOGICAL SCIENCES TRACK

BIOL 541 General Ecology				
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or

MICROBIOLOGY TRACK (Any two of the following)

MICR 504 Brewing and Industrial Microbiology				
MICRO 602 Pathogenic Microbiology				
MICR 603 Bacteriology of Food				

NOTE: Premedical and pre dental students should enroll in CHEM 651-652 and 653-654 at Durham. These courses may substitute for CHEM 545/546 and BCHM 658/659. In addition they should also enroll in MATH 426.