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Molecular biology emphasizes the study of molecules that make up an organism and the forces operating among these molecules. Increasingly, molecular biologists can explore the genetic control of these molecules and thus define the developmental, cellular, and sub-cellular changes that occur during the dynamic processes of life. Virtually every question, whether in biochemistry, cell biology, developmental biology, or some other biological discipline, applies molecular biology, often as the prime approach, in its solution. Molecular developments have revolutionized biological research, fueling the explosive growth in the biotechnology industry and the rapid increase of molecular medicine. The degree incorporates the requirements expected for admission to medical, dental, and other health professional schools, and to graduate schools in cell and molecular biology, and related disciplines. Positions for molecular



BIOSC 0351 Genetics Lab  
BIOSC 1005 Intro to Biochemistry Lab  
BIOSC 1285 Genomics Lab  
BIOSC 1510 Cell Biology Lab  
BIOSC 1530 Developmental Bio Lab  
BIOSC 1855 Intro to Microbiology Lab



CHEM 0110 General Chemistry 1  
CHEM 0120 General Chemistry 2  
CHEM 0310 Organic Chemistry 1  
CHEM 0320 Organic Chemistry 2

6 Each required BIOSC course for the major must be completed with a grade of