

BAKER UNIVERSITY MAJOR CHECKLIST

MOLECULAR BIOSCIENCE

B.A. or B.S

MAJOR REQUIREMENTS

(47 hours of Biology/Chemistry, of which 18 hours are upper-college)

COURSES COMPLETED OR IN PROGRESS

NOTE: A grade of "C" or better is required in all biology and chemistry courses counted toward the major

REQUIRED INTRODUCTORY COURSES: (29 Hrs)

BI132 Introduction to Molecular and Cellular Biology (4 hrs)

BI242 Botany **OR**

BI252 General Zoology (4 hrs)

BI278 Introduction to Genetics (4 hrs)

CH137 General Chemistry I (4 hrs)

CH138 General Chemistry II (3 hrs)

CH140 Quantitative Analysis (2 hrs)

CH251 Organic Chemistry I (4 hrs)

CH252 Organic Chemistry II (4 hrs)

REQUIRED UPPER-COLLEGE COURSES: (18 Hrs)

BI383 Advanced Cell Biology (3 hrs)

UC _____

BI385 Advanced Molecular Biology (3 hrs)

UC _____

BI386 Methods in Molecular Bioscience (3 hrs)

UC _____

One additional 300-level BI course *must have a lab component (4 hrs)

UC _____

BI410 Senior Seminar in Biology (2 hrs) **OR**

CH491 Chemistry Seminar (2 hrs)

UC _____

CH370 Biochemistry (3 hrs)

UC _____

NOTE: No minors in biology or chemistry are available to molecular bioscience majors.

STUDENT NAME: _____

STUDENT NUMBER: _____

DATE: _____