

## General Education Requirements Check List for Food Science Majors

(For Students Admitted as Freshman\* to UMass *Fall 2010 or later*)

*Departmental required courses meeting University GenEd Graduation Requirements are in RED*

### WRITING: 2 COURSES

\_\_\_\_\_ College Writing (SW, 0-3 cr); Completion of either EnglWrit 112 (CW) or a satisfactory score on the Writing placement test, combined SAT I Critical Reading and Writing Tests, or Advanced Placement Exam (Language and Composition , only)

\_\_\_\_\_ Junior Year Writing **FD SCI 391C Junior Year Writing in Food Science**

BASIC MATH AND ANALYTICAL REASONING: 2 COURSES required by the University. Students must complete either one R1 level course or get a 20 or greater on the Basic Mathematics Skills Exemption Test during summer orientation.

\_\_\_\_\_ Basic Mathematics (R1) **MATH 104 Algebra, Analytic Geometry and Trig**  
\_\_\_\_\_ Analytical Reasoning (R2)  
**MATH 127 and MATH 128 Calculus for Life and Social Sci I and II**  
**COMP SCI 105 Computer Literacy**  
**RES EC 211 Intro Statistics for Life Sciences**

### BIOLOGICAL AND PHYSICAL WORDLS: 2 COURSES

\_\_\_\_\_ Biological Science (BS) **BIO 102**  
\_\_\_\_\_ Physical Science (PS)  
**CHEM 111 and CHEM 112, General Chem for Sci and Eng majors I and II**  
**Physics 131 and 132 Intro Physics with lab I and II**  
**or Physics 135 Intro to Physics**

SOCIAL WORLD: 4 COURSES. These requirements can be combined with the Social and Diversity Requirements

\_\_\_\_\_ Literature (AL) or Arts (AT)  
\_\_\_\_\_ Historical Studies (HS)  
\_\_\_\_\_ Social and Behavioral Sciences (SB)  
**RES EC 121 (SBG) Hunger in the Global Economy**  
\_\_\_\_\_ Additional Social World (AL, ST, or SB) or Interdisciplinary (I, SI)  
**RES EC 102 (SB) Intro to Resource Economics**

SOCIAL AND CULTURAL DIVERSITY: 2 COURSES, MIN 3 CR EACH. May be combined with Social World designation (eg ALU, HSG, IG, etc)

\_\_\_\_\_ United States (U)  
\_\_\_\_\_ Global (G) **RES EC 121 (SBG) Hunger in the Global Economy**

### INTEGRATED EXPERIENCE

\_\_\_\_\_ **FD SCI 561/ 563 Food Processing and Processing Laboratory**

\*Students Transferring into UMass are required to take two additional GenEd courses (BS, PS, AL, AT, HS, SB, or I). Most often, these additional requirements can be fulfilled by the large number of Physical Science courses required by the major.