This checklist is intended as a guide and is not an official document.

Credit Type – EN=Enrollment at UA, IP=In Progress, TR=Transfer Credit, TE=Test Credit

NAME __________________________________                       SID # _________________________

GENERAL REQUIREMENTS

Mathematics Requirement: (3-5 Units)
Complete one of the following:
MATH 113 – Elements of Calculus                          3____
MATH 122A/B – Functions of Calculus /First-Semester Calculus 5____
MATH 125- Calculus I                           3____

Composition Requirements: (3-6 Units)
ENGL 101 – Freshman Composition                   3____
ENGL 102 – Freshman Composition                   3____
or
ENGL 109H – Advanced First Year Composition     3____

Second Language Requirements: (0-8 Units)
Complete one of the following:
a. Pass a language proficiency exam at 2nd semester level               ____
b. Complete courses through 2nd semester proficiency                    ____

General Education Requirements:
Tier I Individuals and Societies (21-24 Units)
_________________150 A, B, or C           3____
_________________150 A, B, or C          3____
Tier I Tradition and Cultures
_________________160 A, B, or C         3____
_________________160 A, B, or C        3____
Tier II Individuals & Societies                    3____
Tier II Humanities                                3____
Tier II Arts                                     3____
Diversity Emphasis Course                        3____

Note: Certain Tier I and Tier II courses can also be used to meet this requirement

Tier I and II Natural Sciences Requirement is satisfied by MICRO major coursework.

SUPPORTING COURSEWORK (45-46 Units)

MCB 181R – Introductory Biology I                   3____
MCB 181L – Introductory Biology I Lab                1____
ECOL 182R – Introductory Biology II                   3____
ECOL 182L – Introductory Biology II Lab                1____

Microbiology- Complete one of the following:
MIC 285R – Principles of Microbiology (SP only)             4____
MIC 285L – Principles of Microbiology Lab (SP only)        1____
OR
MIC 205A – General Microbiology                          3____
MIC 205L – General Microbiology Lab                    1____

CHEM 151 – General Chemistry I                        4____
CHEM 152 – General Chemistry II                         4____
CHEM 241A – Organic Chemistry I                          3____
CHEM 243A – Organic Chemistry I Lab                       1____
CHEM 241B – Organic Chemistry II                          3____
CHEM 243B – Organic Chemistry II Lab                      1____
BIOC 384 – Foundations in Biochemistry                   3____

Communication- Complete one of the following:
COMM 101 – Introduction to the Study of Communication       3____
COMM 119 – Public Speaking                                3____
AGTM 422 – Communicating Knowledge in Agriculture and Life Sciences 3____

PHYS 102 – Introductory Physics I                      3____
PHYS 181 – Introductory Physics I Lab                      1____
PHYS 103 – Introductory Physics II                       3____
PHYS 182 – Introductory Physics II Lab                    1____

Statistics- Complete one of the following:
MATH 263 – Introduction to Statistics and Biostatistics     3____
PSY 230 – Psychological Measurements and Statistics       3____
ISTA 116 – Statistical Foundations for the Information Age 3____
SBS 200 – Introduction to Statistics for the Social Sciences 3____

MAJOR CORE COURSEWORK (- Units)

ACBS 3XX - Food Processing (SP only)                   3____
NSC 353 - Fundamentals of Food Science & Safety         3____
NSC 351L - Food Studies Lab                              1____
ACBS 380R - Food Safety & Microbiology (F only)          3____
ACBS 380L - Food Safety & Microbiology Lab (F only)        1____
EPID 479 - Infections & Epidemics (SP only)              3____
ACBS 377 - Food Toxicology (F only)                      3____
ACBS 437 Food Safety Laws & Legal Policies (F only)       3____
ACBS 420 - Meat Animal Composition (SP only)             3____
MIC 430 - Food Microbiology and Biotechnology (SP only)    3____
MIC 430L - Food Microbiology and Biotechnology Lab (SP only) 2____
ACBS Electives                                          ____ out of 8

For more information, please contact:
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FOOD SAFETY ELECTIVE COURSEWORK

*Up to 3 units of Independent Study (ACBS 399/499), Directed Research (ACBS 492), Internship (ACBS 493), or Preceptorship (ACBS 491) can be counted as elective units

Fall Semester
PLP/MIC 427R General Mycology (3)
ENVS/MIC 425 Environmental Microbiology (3)
ENVS/MIC 426 Environmental Micro Lab (2)
MIC 438 Ecology of Infectious Diseases (3)
MIC 419 General Immunology Concepts (4)
MIC 420 Pathogenic Bacteriology (3)
MIC 452 Antibiotics: A Microbial Perspective (3)
MIC 329A Microbial Diversity (3)
PLP 305 Introductory Plant Pathology (3)
ENTO 468 Insect Pest Management (3)

Spring Semester
PLP 428R Microbial Genetics (3)
PLS 467 Fresh Produce Safety (3)
*MIC 454 Host Pathogen Interactions (3)
CPH 479 Infections and Epidemics (3)
CPH 376 Introduction to Biostatistics (3)
ACBS 317 One Health: A Microbial Perspective (3)
CPH 309 Introduction to Epidemiology (3)
CPH 418 Introduction to Health Risk Assessment (3)
*ENTO 446 Insect Pathogens: Biocontrol Agents and Biological Models (3)