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____
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 (26-27 Units)

MIC 328R – Microbial Physiology (SP only) 3____

Molecular Requirement- Complete one of the following:
BIOC 385 – Metabolic Biochemistry 3____
MIC 350 – Core Concepts in Molecular Microbiology (F only) 3____
MCB 410 – Cell Biology (SP only) 3____
MCB 411 – Molecular Biology (Fall only) 3____
MCB 473 – Recombinant DNA Methods and Applications (SP only) 4____

MIC 419 – Immunology (F only) 4____
MIC 421B – Microbiol Techniques (F only) 3____
MIC 428R – Microbial Genetics (SP only) 3____
MIC 428L – Microbial Genetics (SP only) 2____

MIC Electives _____ out of 8 units

For more information, please contact:
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