DEGREE CHECKLIST (College of Arts and Sciences) 2014-2015 Catalog

NAME ID# MAJOR B.S. — BIOLOGY (Certification as Medical Technologist)

GENERAL EDUCATION REQUIREMENTS

ACAD 101 (Required of first-time freshmen only) Check Hrs.

Critical Skills

Writing and Critical Thinking
WRIT 101 (A grade of C- or better is required) Check Hrs.
CRTW 201 (A grade of C- or better in HMXP 102 is required as a prerequisite) Check Hrs.

Quantitative Skills (met by major) Check Hrs.

Logic/Language/Semiotics
MATH (met by major) Check Hrs.

Foreign Language Language (102-level proficiency required) Check Hrs.

ORAL COMMUNICATION (met by major) Check Hrs.

Technology (met by major) Check Hrs.

Skills for Common Experience and Thinking Across Disciplines

HMXP 102 (A grade of C- or better in WRIT 101 is required as a prerequisite) Check Hrs.

Global Perspectives (see approved list) Check Hrs.

Historical Perspectives (see approved list) Check Hrs.

Developing Critical Skills and Applying them to Disciplines

Natural Science (met by major) Check Hrs.

Social Science (see approved list; must include two designators) Check Hrs.

Humanities and Arts (see approved list; must include two designators) Check Hrs.

*A total of 15 hours is required in Social Science/Humanities and Arts.

Intensive Writing (met by major) Check Hrs.

Constitution Requirement (see approved list; may be met by other requirement) Check Hrs.

SUBTOTAL Check Hrs.

MAJOR COURSES (67-68 semester hours)

Course & No. Check Hrs. Course & No. Check Hrs.
BIOL 202 (0) Check ( ) BIOL 203 (1) Check ( )
BIOL 204 (3) Check ( ) BIOL 205 (4) Check ( )
BIOL 206 (4) Check ( ) CHEM 105 (4) Check ( )
BIOL 300 (4) Check ( ) CHEM 106-108 (4) Check ( )
BIOL 491 (0) Check ( ) CHEM 302-304 (4) Check ( )
BIOL 492 (0) Check ( ) MATH 150 or 151 or (0-4)

C) BIOL 522 (4) Check ( )

BIOLOGY AREAS AND ELECTIVES

A. Ecology, Evolution and Field Biology (select two courses, one of which must include a lab):
Lab courses: BIOL 303, 304, 323, 403, 508, 510, 511, 515, 525, 552A, 552B
Non-Lab courses: BIOL 309, 404, 505, 513, 518, 524, 551, 560

B. Cells, Genes and Developmental Biology (satisfied by the required program)

C. Other Electives: select additional courses to total 42 hours in BIOL from the above lists and from: BIOL 307, 308, 315, 321, 322, 440, 450H, 461, 463, 471, 507, 517, 519, 521, 530, 540, 555, 557

D. Additional Mathematics or Science Electives: select 3 additional hours from the following list: CHEM 313 & 314 (recommended), 523, 524 & 525; CSCI 101/101 A, B, C; MATH 141 (or QMTH 205/206); or any MATH except 291, 292 and any course satisfying the Quantitative Skills Area.

GENERAL ELECTIVES (14-24 semester hours)

FOREIGN LANGUAGE REQUIREMENT

NOTES

Satisfactory completion of an approved university-based or hospital-based School of Medical Technology program will complete the certification requirements.
Although Winthrop is formally affiliated with the hospital-based schools of medical technology at Carolinas Medical Center in Charlotte, NC and McLeod Regional Medical Center in Florence, SC, this program may be completed at any NAACLS-accredited hospital-based program or at a university-based school of medical technology.
1. Unless stated otherwise, a single course may not be used for more than one General Education requirement or in a major and a minor.
2. All Arts and Sciences majors require a minimum of 40 hours in courses numbered above 299.
3. Attendance at three cultural events is required for each 20 hours completed in residence at Winthrop. Note exceptions in the undergraduate catalog.
4. Designators that differ only for the purpose of theory and application will be considered the same designator.
5. Complete WRIT 101, HMXP 102 and CRTW 201 with a C- or better by 75 hours.