

DEGREE CHECKLIST (College of Arts and Sciences)

2019-2020 Catalog

NAME

ID#

MAJOR B.S. — CHEMISTRY (Biochemistry and Chemistry Degree Tracks)

| GENERAL EDUCATION REQUIREMENTS (29-41 semester hours) | | | REQUIREMENTS IN THE MAJOR (choose <u>one</u> degree track) | | | | | |
|--|-------|------|--|---------|-------|--|---------|-------|
| | Check | Hrs. | Biochemistry Program of Study (67 semester hours) | | | Chemistry Program of Study (67 semester hours) | | |
| | | | Course & No. | Hrs. | Check | Course & No. | Hrs. | Check |
| ACAD 101 (Required of first-time freshmen only) | _____ | 1 | BIOL 220, 222 | (4) | _____ | BIOL 220, 222 | (4) | _____ |
| Writing and Critical Thinking: | | | BIOL 310 or 315 | (4) | _____ | MATH 201, 202 | (8) | _____ |
| WRIT 101 (grade of C- or better is required) | _____ | 3 | MATH 201, 202 | (8) | _____ | MAED 200* | (0-1) | _____ |
| HMXP 102 (grade of C- or better in WRIT 101 is required) | _____ | 3 | MAED 200* | (0-1) | _____ | PHYS 211, 212 | (8) | _____ |
| CRTW 201 (grade of C- or better in HMXP 102 is required) | _____ | 3 | PHYS 211, 212 | (8) | _____ | or PHYS 201, 202 | | |
| Oral Communication (see approved list; may be met in major with CHEM 552) | _____ | 0-3 | or PHYS 201, 202 | | | CHEM 105, 108 | (6) | _____ |
| _____ | _____ | | CHEM 105, 108 | (6) | _____ | CHEM 301, 302, | (8) | _____ |
| Technology (see approved list; may be met in major) | _____ | 0-3 | CHEM 301, 302, | (8) | _____ | 304 | | |
| _____ | _____ | | 304 | | | CHEM 305 | (1) | _____ |
| Intensive Writing (see approved list; may be met by other requirement) | _____ | 0-3 | CHEM 305 | (1) | _____ | CHEM 312 | (1) | _____ |
| _____ | _____ | | CHEM 312 | (1) | _____ | CHEM 313, 314 | (4) | _____ |
| Constitution Requirement (see approved list; may be met by other requirement) | _____ | 0-3 | CHEM 313, 314 | (4) | _____ | CHEM 407, 409, | (4) | _____ |
| _____ | _____ | | CHEM 323 | (3) | _____ | CHEM 408, 410 | (4) | _____ |
| Physical Activity (see approved list) | _____ | 1 | CHEM 407, 409 | (4) | _____ | CHEM 491, 492, | (0) | _____ |
| _____ | _____ | | CHEM 491, 492, | (0) | _____ | 493, 494 | | |
| Global Perspectives (see approved list) | _____ | 3 | 493, 494 | | | CHEM 495 | (1) | _____ |
| _____ | _____ | | CHEM 495 | (1) | _____ | CHEM (>299) | (6) | _____ |
| Historical Perspectives (see approved list) | _____ | 3 | CHEM 523, 525 | (5) | _____ | Math or science electives (BIOL, CHEM, CSCI, GEOL, | | |
| _____ | _____ | | CHEM 524 or 528 | (3) | _____ | QMTM, PHYS, MATH >299) | | |
| Social Science (see approved list; must include 2 designators) | _____ | 3 | Approved math or science >299 chosen from BIOL | | | (12) _____, _____, _____, _____ | | |
| _____ | _____ | | CHEM, CSCI, GEOL, MATH, QMTM, PHYS: | | | | | |
| Humanities and Arts (see approved list; must include 2 designators) | _____ | 3 | (7) _____, _____, _____ | | | | | |
| _____ | _____ | 3 | | | | | | |
| Quantitative Skills (met in major with MATH 201 & 202) | _____ | 0 | | | | | | |
| Natural Science (met in major with PHYS 201 or 211) | _____ | 0 | | | | | | |
| | | | * Required as a corequisite only if MATH 202 is taken at Winthrop. | | | | | |
| FOREIGN LANGUAGE (3-8 semester hours) | | | ELECTIVES (4-21 semester hours) | | | | | |
| _____ | _____ | 3-4 | _____ | () | _____ | _____ | () | _____ |
| _____ | _____ | 0-4 | _____ | () | _____ | _____ | () | _____ |
| 102-level proficiency required | | | _____ | () | _____ | _____ | () | _____ |
| | | | _____ | () | _____ | _____ | () | _____ |

NOTES

1. Unless stated otherwise, a single course **may not** be used for more than one General Education requirement.
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 in this category.
5. Complete WRIT 101, HMXP 102, and CRTW 201 with a C- or better by 75 hours.
6. See complete catalog requirements at www.winthrop.edu/recandreg