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|--|---------------------------------------|--|----------|---------------------------------------|-----------------------|
| | BS: BIOLOGY | | | | Rev. Fall 2017 |
| | | NOTE: This 4-year plan should be used in conjunction with regular consultation with an advisor | | | |
| Required for Admission to UNCC in pre-Biology | If 24 or more transfer hours | | OR | If less than 24 transfer hours | |
| | 2.0 Transfer GPA | | | Transfer admissions requirements | |
| | | | | AND | |
| | | Freshman Admissions Requirements | | | |
| See | Transfer Requirements | on the Office of Undergraduate Admissions web page for more details | | | |
| Additional Requirements for Admission to the upper division in Biology | | Students are eligible to declare a Major in Biology when enrolled in BIOL 2120 or BIOL 2130, and co-enrolled in CHEM 1251 and CHEM 1251L. Students with prior credit earned at UNC Charlotte must have a minimum overall and Biology GPA of 2.0. | | | |
| ***PLEASE NOTE: UNC Charlotte made changes to the General Education first year writing and Liberal Studies requirements effective Fall 2017; therefore, the UNC Charlotte General Education requirements and community college UGETC course alignment may vary if the associates degree is not completed. Please review your progression with your academic advisor. | | | | | |
| Associate of SCIENCE | | | | | |
| Courses in BOLD are required for the major | | | | | |
| UGETC -- Associate of SCIENCE | | | | | |
| Area | Prefix/Number | Course Name | Credits | UNC Charlotte Equivalent | Credits |
| English Composition (6 CR) | | | | | |
| English Composition | ENG 111 | Writing and Inquiry | 3 | UWRT 1101: | 3 |
| | ENG 112 | Writing and Research in the Disciplines | 3 | UWRT 1102: | 3 |
| Humanities / Fine Arts (6 CR) | | | | | |
| Arts: (choose ONE) | ART 111 | Art Appreciation | 3 | LBST 1105 | 3 |
| | ART 114 | Art History Survey I | | ARTH 1211 (and LBST 1105 exemption) | |
| | ART 115 | Art History Survey II | | ARTH 1212 (and LBST 1105 exemption) | |
| | MUS 110 | Music Appreciation | | LBST 1103 | |
| | MUS 112 | Introduction to Jazz | | TRNF 0001 (and LBST 1103 exemption) | |
| Literature / Philosophy (choose ONE) | ENG 231 | American Literature I | 3 | ENGL 2104 (and LBST 2212 exemption) | 3 |
| | ENG 232 | American Literature II | | ENGL 0001 (and LBST 2212 exemption) | |
| | PHI 215 | Philosophical Issues | | PHIL 2101 (and LBST 2211 exemption) | |
| | PHI 240 | Introduction to Ethics | | PHIL 0001 (and LBST 2211 exemption) | |
| Social / Behavioral Science (6 CR) | | | | | |
| Social Science (choose ONE) | ECO 251 | Principles of Microeconomics | 3 | ECON 2102 | 3 |
| | ECO 252 | Principles of Macroeconomics | | ECON 2101 | |
| | POL 120 | American Government | | POLS 1110 | |
| | SOC 210 | Introduction to Sociology | | SOCY 1101 | |
| History (choose ONE) | HIS 111 | World Civilizations I | 3 | HIST 1120 (LBST 2101) | 3 |
| | HIS 112 | World Civilizations II | | HIST 1121 (LBST 2101) | |
| | HIS 131 | American History I | | HIST 1160 (LBST 2101) | |
| | HIS 132 | American History II | | HIST 1161 (LBST 2101) | |
| Science with Lab (8 CR) | | | | | |
| Sciences | CHM 151 | General Chemistry I | 4 | CHEM 1251+L | 4 |
| | CHM 152 | General Chemistry II | 4 | CHEM 1252+L | 4 |
| Mathematics (8 CR) | | | | | |
| | MAT 171 | Pre-Calculus Algebra | 4 | MATH 1100 (3) + lab credit (1) | 4 |
| | MAT 172 | Pre-Calculus Trigonometry | 4 | MATH 1103 (3) + lab credit (1) | 4 |
| Subtotal | | | 34 | | 34 |

| Additional General Education | | | | | |
|--|---|--|-----------|---|------------|
| Global / Cross Cultural (Choose ONE) | ANT 220 or 221 | Cultural Anthropology or Comparative Cultures | 3 | ANTH 0001 (and LBST 2102 exemption) | 3 |
| | GEO 111 | World Regional Geography | | GEOG 1101 (and LBST 2102 exemption) | |
| | GEO 112 | Cultural Geography | | GEOG 0001 (and LBST 2102 exemption) | |
| | POL 210 or 220 | Comparative Politics or International Politics | | POLS 1130 or POLS 1150 (and LBST 2102 exemption) | |
| | If BOTH HIS 111 AND HIS 112 | World Civilizations I & II | | HIST 1120 AND HIST 1121 (gives LBST 2101 and 2102 exemption ONLY if both are taken) | |
| Math | MAT 152 | Statistical Methods I | 4 | STAT 1221 (4) | 4 |
| BIOL Science Foundations | BIO 111 | General Biology I | 4 | BIOL 1110 + L[§] | 4 |
| | BIO 112 | General Biology II | 4 | BIOL 1115[§] + elective (1) | 4 |
| | | | | | 0 |
| Subtotal | | | 15 | | 15 |
| PRE Major - Courses | | | | | |
| | ACA 122 | Academic Transition | 1 | TRNF 0001 | 1 |
| BIOL Science Foundations | CHM 251 | Organic Chemistry I | 4 | CHEM 2131 + lab | 4 |
| | CHM 252 | Organic Chemistry II | 4 | CHEM 2132 + lab | 4 |
| | MAT 263 or 271 | Calculus | 4 | MATH 1120 or 1241 (3) + lab credit (1) | 4 |
| Subtotal | | | 13 | | 13 |
| TOTAL AA Hours | | | 62 | | 62 |
| NOTES | * Introductory foreign language (two semesters) is a graduation requirement for students who do not complete the Associates' degree; students who complete the AA are exempt from the introductory foreign language requirement and may replace these courses with electives. | | | | |
| | § The Department of Biological Sciences reserves the right to issue majors credit (BIOL 2120, 2130 and associated labs) only if Associate of Arts (A.A) or Associate of Science (A.S.) is completed. A student that earns an Associate of Applied Science (A.A.S) will not receive majors credit. | | | | |
| BS -- BIOLOGY UNC Charlotte Courses | | | | | |
| Courses in BOLD are pre-requisites for subsequent courses | | | | | |
| Junior Year | | | | | |
| Fall | | | | | |
| | BIOL 3111+L: Cell Biology | | | | 4 |
| | BIOL 3144: Ecology | | | | 3 |
| | PHYS 1101+ L: Introductory Physics I | | | | 4 |
| | Elective -- writing intensive | | | | 3 |
| Spring | | | | | |
| | BIOL 3166: Genetics | | | | 3 |
| | BIOL 3273: Animal Physiology | | | | 3 |
| | Biology lab | | | | 1 |
| | Biology elective | | | | 3 |
| | PHYS 1102+L: Introductory Physics II | | | | 4 |
| Senior Year | | | | | |
| Fall | Biology - Evolution oriented | | | | 3 |
| | Biology lab | | | | 1 |
| | Biology electives | | | | 6 |
| | Foreign Language II (if required) otherwise free elective | | | | 3 |
| | Elective | | | | 4 |
| Spring | | | | | |
| | BIOL 4600: Biology Senior Seminar | | | | 2 |
| | Biology electives | | | | 6 |
| | Biology labs | | | | 2 |
| | Elective | | | | 3 |
| TOTAL UNCC Hours | | | | | 58 |
| | | | | | |
| | TOTAL HOURS | | | | 120 |
| Please Note: All incoming freshmen and transfer students who wish to pursue a biology degree are required to take the Biology Placement Exam, with the exception of those who have earned an A.A. or A.S. and completed BIOL 111 and 112 or those that have completed BIO111 with a B or higher. Please consult the Undergraduate Coordinator or Academic Vice Chair for additional details. | | | | | |