

Ozarks Technical Community College – Stephens College Transfer Guide

Associate of Science (A.S.) in Biological Clinical Science to Bachelor of Science in Biology

| | OTCC Course | Credit Hrs. | Stephens College Equivalent | |
|---|---|-----------------------|---|--|
| Certificate of Achievement | BCS 132 Allied Health Nutrition | 3 | Major Elective BHS 225: Introduction to Nutrition | |
| | BCS 165 Human Anatomy | 4 | Major Elective BIO 343: Human Anatomy | |
| | BCS 205 Human Physiology | 4 | Major Elective BIO 349: Human Physiology | |
| | BCS 200 Microbiology | 4 | Major Elective BIO 311: Microbiology | |
| | CIS 101 Personal Computer Applications | 3 | Elective | |
| | COM 100 Introduction to Communication or COM 105 Public Speaking | 3 | Elective | |
| | ENG 101 Composition | 3 | Composition I General Education Requirement | |
| | MTH 130 College Algebra | 3 | Major Elective MAT 111: College Algebra | |
| | PSY 110 Introduction to Psychology | 3 | Intercultural General Education Requirement | |
| | Total Credit Hours Required for Biological Clinical Science Certificate = 30 | | | |
| | Program Requirements | Elective Suggestions: | | |
| Any Literature | | 3 | Literature General Education Requirement | |
| Non Applied Arts | | 3 | Arts General Education Requirement | |
| Humanities Elective: Suggested HST | | | | |
| History 105, 106 | | 3 | History General Education Requirement | |
| BCS 210 Pathophysiology | | 3 | Elective | |
| BIO 160 General Biology I | | 4 | Major Requirement BIO 181: Principles of Biology I | |
| CHM 101 Introductory Chemistry | | 4 | Major Elective CHM 111: General College Chemistry I | |
| ENG 102 or ENG 150 | | 3 | ENG 209 General Education Requirement | |
| PLS 101 American Government and Politics | | 3 | Sophomore Seminar General Education Requirement | |
| Elective Suggestion: BIO-170 General Biology II | | | Major Requirement BIO-170 General Biology II | |
| Total Credit Hours Required for Associate of Science Degree = 62 | | | | |
| Remaining Stephens College General Education Courses (6 hrs.) | | | | |
| GLS 350: Ethics | | | | |
| Women-Focused | | | | |

Remaining Biology Requirements (16 hours):

BIO 497: Senior Project I (2 hrs.)

BIO 498: Senior Project II (2 hrs.)

CHM 112: General Chemistry II (4 hrs.)

PHY 211: College Physics I (4 hrs.)

PHY 212: College Physics II (4 hrs.)

Choose at least 2 Courses (8-9 hours) from this list:

BIO 284: Vertebrate Zoology (4 hrs.)

BIO 290: Genetics (4 hrs.)

BIO 292: Cell and Molecular Biology (5 hrs.)

Additional Electives = 28*

Total Remaining Stephens College Hours = 49-52**Total Required Bachelor of Science Hours = 120**

All pre-professional studies (pre-med, pre-vet, pre-dental, etc.) are strongly advised to complete the chemistry sequence through organic chemistry (CHM 342) even though it is not a requirement of the major. Students should select a math course that is consistent with their career goals. *Students should consult an academic adviser in the selection of elective courses in order to tailor their degree for specific career or graduate school paths.
