

# Requirements for the Associate in Science Degree

## Life Science Division of Science and Mathematics

Eastern Oklahoma State College

|                                   |       |
|-----------------------------------|-------|
| Student Name:                     | Date: |
| Academic Advisor:                 |       |
| Minimum Total Hours .....         | 62-66 |
| Minimum Grade Point Average ..... | 2.00  |

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| <b>General Education Requirements..... 41</b>    |          |                     |
| <b>Orientation.....1</b>                         | Semester | Course Substitution |
| OLS 1111 Orientation                             |          |                     |
|  |          |                     |
| <b>Behavioral and Social Sciences ..... 9</b>    | Semester | Course Substitution |
| POLSC 1113 American Federal Government           |          |                     |
| PSY 1113 Introduction to Psychology              |          |                     |
| <i>Take <b>One</b> of the following courses:</i> |          |                     |
| HIST 1483 American History to 1877               |          |                     |
| HIST 1493 American History since 1877            |          |                     |
|  |          |                     |
| <b>Mathematics ..... 3</b>                       | Semester | Course Substitution |
| <i>Take <b>One</b> of the following courses:</i> |          |                     |
| MATH 1513 College Algebra                        |          |                     |
| MATH 1613 Trigonometry                           |          |                     |
| MATH 2235 Calculus I                             |          |                     |
|  |          |                     |
| <b>Natural Sciences ..... 9</b>                  | Semester | Course Substitution |
| BIOL 1114 General Biology                        |          |                     |
| CHEM 1315 General College Chemistry I            |          |                     |
|  |          |                     |
| <b>Communications ..... 12</b>                   | Semester | Course Substitution |
| ENGL 1113 Freshman Composition I                 |          |                     |
| ENGL 1213 Freshman Composition II                |          |                     |
| CIS 1113 Computer Applications                   |          |                     |
| <i>Take <b>One</b> of the following courses:</i> |          |                     |
| SPCH 1113 Fundamentals of Speech                 |          |                     |
| SPCH 2233 Business and Professional Speaking     |          |                     |
|  |          |                     |
| <b>Humanities ..... 6</b>                        | Semester | Course              |

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|  |          | Substitution        |
| <p><i>Take <b>One</b> of the following courses:</i><br/> HUMAN 1133, HUMAN 1143, HUMAN 1153, HUMAN 1163, HUMAN 2103,<br/> HUMAN 2113, HUMAN 2213, HUMAN 2223, HUMAN 2233, HUMAN 2243,<br/> HUMAN 2513, HUMAN 2613, HUMAN 2993</p> <hr/> <p><i>And Take <b>One Additional Course</b> from the following courses or from the list above:</i><br/> HIST 2413, HIST 2423, ENGL 2413, ENGL 2433, ENGL 2443, ENGL 2543,<br/> ENGL 2653, ENGL 2773, ENGL 2883, RELED 2103, RELED 2203</p> <hr/> |          |                     |
| <b>General Education Elective .....1-3</b>   | Semester | Course Substitution |
| <i>**If needed to complete minimum General Education requirements.</i>   |          |                     |
| <i>Select from the following courses:</i>  |          |                     |
| HIST 1103 History of Oklahoma  |          |                     |
| HIST 2723 History of the American Indian   |          |                     |
| MCOMM 1113 Introduction to Mass Communications   |          |                     |
| HPER 1113 Health Concepts  |          |                     |
| HPER 2102 First Aid  |          |                     |
| HPER 1102 School and Community Health  |          |                     |
| Other PSY courses (PSY 1113 is pre-requisite)  |          |                     |
| Other SOC courses (SOC 1113 is pre-requisite)  |          |                     |
| Other MATH courses (MATH 1513 is pre-requisite)  |          |                     |
| Any Foreign Language or American Sign Language course  |          |                     |

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| <b>Program Requirements ..... 21-25</b>                                     |          |                     |
| <b>Pre-Professional Option ..... 21-25</b>                                  | Semester | Course Substitution |
| <i>Select <b>Five</b> courses from the following with advisor approval:</i> |          |                     |
| BIOL 2114 Human Anatomy   |          |                     |
| BIOL 2155 Microbiology  |          |                     |
| BIOL 2214 Human Physiology  |          |                     |
| BIOL 2224 General Entomology  |          |                     |
| BOT 1114 General Botany   |          |                     |
| CHEM 1415 General College Chemistry II                                      |          |                     |
| CHEM 2105 Organic Chemistry I   |          |                     |
| CHEM 2205 Organic Chemistry II  |          |                     |
| MATH 1613 Trigonometry  |          |                     |
| MATH 2233 Elementary Statistics   |          |                     |
| MATH 2235 Calculus I  |          |                     |
| NURS 2123 Medical Terminology   |          |                     |
| NUTRIT 1203 Nutrition   |          |                     |
| PHY 1114 General Physics I  |          |                     |
| PHY 1214 General Physics II   |          |                     |
| ZOO 1114 General Zoology  |          |                     |
|   |          |                     |
|   |          |                     |
| <b>Biology Option ..... 21-25</b>   | Semester | Course Substitution |
| <i>Select from the following courses with advisor approval:</i>             |          |                     |
| BOT 1114 General Botany   |          |                     |
| PHY 1114 General Physics I  |          |                     |
| PHY 1214 General Physics II   |          |                     |
| BIOL 2114 Human Anatomy   |          |                     |
| CHEM 1415 General College Chemistry II                                      |          |                     |
| BIOL 2214 Human Physiology  |          |                     |

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| BIOL 2155 Microbiology  |          |                     |
|   |          |                     |
| <b>Environmental Science Option..... 21-25</b>                  | Semester | Course Substitution |
| <i>Select from the following courses with advisor approval:</i> |          |                     |
| AGRON 2124 Fundamentals of Soil Science                         |          |                     |
| BIOL 2103 Environmental Science I                               |          |                     |
| BIOL 2104 Environmental Science II                              |          |                     |
| BIOL 2155 Microbiology  |          |                     |
| BIOL 2224 General Entomology                                    |          |                     |
| BOT 1114 General Botany   |          |                     |
| CHEM 1415 General Chemistry II                                  |          |                     |
| CHEM 2105 Organic Chemistry I                                   |          |                     |
| PHY 1114 General Physics I                                      |          |                     |
| PHY 1214 General Physics II                                     |          |                     |
| ZOO 1114 General Zoology  |          |                     |