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|----------------------|--------------------------------------|
| <b>Major/Program</b> | Cybersecurity<br>(Political Science) |
| <b>College</b>       | Science and Mathematics              |
| <b>Department</b>    | Mathematics and Computing            |
| <b>Contact</b>       | Dr. Dave Slimmer, Dean               |

2022-2023

**Lander University**  
**4-Year Major Guide**  
*Odd Fall Year Entry*

can be taken any semester

|                              | First Semester                        |   |           | Second Semester                       |   |            | TOTALS                     |
|------------------------------|---------------------------------------|---|-----------|---------------------------------------|---|------------|----------------------------|
|                              | Course                                | Notes   | Hours     | Course                                | Notes   | Hours      |                            |
| <b>First Year</b>            | CIS 102                               | or successful completion of CIS 102 exemption exam; or CIS 202, see advisor | 3         | CIS 120                               |   | 3          |                            |
|                              | CIS 130                               |   | 4         | CIS 230                               |   | 4          |                            |
|                              | ENGL 101                              | Core Academic Skills (General Education)                                    | 3         | ENGL 102                              | Core Academic Skills (General Education)                  | 3          |                            |
|                              | MATH 121, MATH 123 or MATH 141        | Core Academic Skills (General Education)                                    | 3         | MATH 125 or MATH 325                  |   | 3          |                            |
|                              | LINK 101                              | General Education   | 1         | POLS 103                              | Behavioral and Social Perspectives (General Education)    | 3          |                            |
|                              | <b>Subtotal</b>                       |   | <b>14</b> | <b>Subtotal</b>                       |   | <b>16</b>  | <b>Yearly Totals</b><br>30 |
| <b>Second Year</b>           | CIS 243                               |   | 3         | CIS 140                               |   | 1          |                            |
|                              | General Education                     | World Cultures  | 3         | CIS 240                               |   | 3          |                            |
|                              | HIST 111 or POLS 101                  | Founding Documents (General Education)                                      | 3         | CIS 260                               |   | 3          |                            |
|                              | Laboratory Science                    | Scientific and Mathematical Reasoning (General Education)                   | 4         | Elective                              |   | 1          |                            |
|                              | MATH 211 or MATH 311                  |   | 3         | MATH 212                              | Scientific and Mathematical Reasoning (General Education) | 3          |                            |
|                              | <b>Subtotal</b>                       |   | <b>16</b> | <b>Subtotal</b>                       |   | <b>14</b>  | <b>Yearly Totals</b><br>30 |
| <b>Third Year</b>            | POLS 391                              |   | 3         | CIS 343                               |   | 3          |                            |
|                              | CIS 344                               |   | 3         | CIS 345                               |   | 3          |                            |
|                              | Elective                              |   | 3         | Elective                              |   | 3          |                            |
|                              | Elective                              |   | 3         | Emphasis Requirement (See list below) |   | 3          |                            |
|                              | General Education                     | Humanities and Fine Arts (General Education)                                | 3         | General Education                     | Behavioral and Social Perspectives (General Education)    | 3          |                            |
|                              | <b>Subtotal</b>                       |   | <b>15</b> | <b>Subtotal</b>                       |   | <b>15</b>  | <b>Yearly Totals</b><br>30 |
| <b>Fourth Year</b>           | CIS 346                               |   | 3         | CIS 360                               |   | 3          |                            |
|                              | Emphasis Requirement (See list below) |   | 3         | CIS 449                               |   | 3          |                            |
|                              | General Education                     | Humanities and Fine Arts (General Education)                                | 3         | Elective                              |   | 3          |                            |
|                              | Elective                              |   | 3         | Elective                              |   | 3          |                            |
|                              | Elective                              |   | 3         | Elective                              |   | 3          |                            |
|                              | <b>Subtotal</b>                       |   | <b>15</b> | <b>Subtotal</b>                       |   | <b>15</b>  | <b>Yearly Totals</b><br>30 |
| <b>Total Hours Required:</b> |                                       |   |           |                                       |   | <b>120</b> |                            |

Emphasis Requirement: POLS 303, POLS 311, POLS 312, POLS 325, POLS 366, or POLS 390