| Major/Program | Cybersecurity<br>(Computer Information Systems) |
|---------------|---|
| College       | Science and Mathematics                         |
| Department    | Mathematics and Computing                       |
| Contact       | Dr. Jennifer Yates, Interim Dean                |

Lander University 4-Year Major Guide Odd Fall Year Entry

2023-2024

|   | can be taken any seme   |   |                                    | _  |  |   |              |
|---|---|---|------------------------------------|--|--|---|--------------|
|   | Fire  | st Semester   |                                    |  | nd Semester  |   | TOTALS       |
|   | Course  | Notes   | Hours                              | Course   | Notes  | Hours   |              |
| : | CIS 102   | or successful completion of<br>CIS 102 exemption exam; or<br>CIS 202, see advisor                             | 3                                  | CIS 120  |  | 3   |              |
|   | CIS 130   | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,   | 4                                  | General Education  | Humanities and Fine Arts<br>(General Education)                                      | 3   |              |
|   | MATH 121, MATH 123<br>or MATH 141   | Core Academic Skills (General Education)  | 3                                  | ENGL 102   | Core Academic Skills (General<br>Education)  | 3   |              |
|   | ENGL 101  | Core Academic Skills (General Education)  | 3                                  | MATH 125 or<br>MATH 325  |  | 3   |              |
|   | LINK 101  | General Education   | 1                                  | CIS 230  |  | 4   | Yearly Total |
|   |   | Subtotal  | 14                                 |  | Subtotal   | 16  | → 30         |
|   | Firs  | st Semester   |                                    | Seco   | nd Semester  |   |              |
|   | Course  | Notes   | Hours                              | Course   | Notes  | Hours   |              |
|   | CIS 243   |   | 3                                  | CIS 140  |  | 1   |              |
|   | General Education   | World Cultures  | 3                                  | CIS 240  |  | 3   |              |
|   | HIST 111R,<br>HIST 112R, or   | Founding Documents<br>(General Education)   | 3                                  | CIS 260  |  | 3   |              |
|   | POLS 101R<br>Laboratory Science   | Scientific and Mathematical<br>Reasoning (General   | 4                                  | Elective   |  | 1   |              |
|   |   | Education)  |                                    |  |  |   |              |
|   | MATH 211 or<br>MATH 311   |   | 3                                  | MATH 212   | Scientific and Mathematical<br>Reasoning (General<br>Education)                      | 3   |              |
|   |   |   |                                    | MATH 200, MATH 242,  | 20000000   | 3   |              |
|   |   |   |                                    | IVIA I FI ZUU, IVIA I FI Z4Z,  |  | 3   |              |
|   |   |   |                                    | MATH 200 av  |  |   |              |
|   |   |   |                                    | MATH 300, or   |  |   |              |
|   |   |   |                                    | MATH 300, or<br>MATH 308   |  |   | Voorly Tota  |
|   |   | Subtotal  | 16                                 |  | Subtotal   | 14 -  |              |
|   |   | Subtotal  | 16                                 | MATH 308   | Subtotal   | 14 -  | Yearly Total |
|   |   | st Semester   |                                    | MATH 308   | nd Semester  |   |              |
|   | Course  |   | Hours                              | MATH 308 Seco  |  | Hours   |              |
|   | Course<br>CIS 231   | st Semester   | Hours<br>4                         | Seco   | nd Semester  | Hours<br>3  |              |
|   | Course<br>CIS 231<br>CIS 341  | st Semester<br>Notes  | Hours<br>4<br>3                    | Seco Course CIS 343 CIS 320  | nd Semester  | Hours<br>3<br>3   |              |
|   | Course<br>CIS 231   | st Semester Notes  Behavioral and Social  | Hours<br>4                         | Seco   | nd Semester  | Hours<br>3  |              |
|   | Course<br>CIS 231<br>CIS 341  | St Semester Notes  Behavioral and Social Perspectives (General  | Hours<br>4<br>3                    | Seco Course CIS 343 CIS 320  | nd Semester  | Hours<br>3<br>3   |              |
|   | Course<br>CIS 231<br>CIS 341<br>General Education   | st Semester Notes  Behavioral and Social  | Hours<br>4<br>3                    | Seco<br>Course<br>CIS 343<br>CIS 320<br>CIS 345  | nd Semester<br>Notes   | Hours<br>3<br>3<br>3                                      |              |
|   | Course<br>CIS 231<br>CIS 341  | St Semester Notes  Behavioral and Social Perspectives (General  | Hours<br>4<br>3                    | Seco<br>Course<br>CIS 343<br>CIS 320<br>CIS 345<br>General Education   | nd Semester  | Hours 3 3 3 3 3   |              |
|   | Course<br>CIS 231<br>CIS 341<br>General Education   | St Semester Notes  Behavioral and Social Perspectives (General  | Hours<br>4<br>3                    | Seco<br>Course<br>CIS 343<br>CIS 320<br>CIS 345  | nd Semester Notes  Behavioral and Social Perspectives (General                       | Hours<br>3<br>3<br>3                                      |              |
|   | Course CIS 231 CIS 341 General Education Elective Elective  | St Semester Notes  Behavioral and Social Perspectives (General Education)                                     | Hours 4 3 3 1 1                    | Seco<br>Course<br>CIS 343<br>CIS 320<br>CIS 345<br>General Education   | Notes  Behavioral and Social Perspectives (General Education)                        | Hours 3 3 3 3 3   | Yearly Tota  |
|   | Course CIS 231 CIS 341 General Education  Elective Elective Elective  | St Semester Notes  Behavioral and Social Perspectives (General Education)  Subtotal                           | Hours 4 3 3 1                      | Seco Course CIS 343 CIS 320 CIS 345  General Education  Elective   | Behavioral and Social<br>Perspectives (General<br>Education)                         | Hours 3 3 3 3 3   | 30           |
|   | Course CIS 231 CIS 341 General Education  Elective Elective Elective  | Behavioral and Social Perspectives (General Education)  Subtotal  | Hours 4 3 3 3 1 1 15               | Seco Course CIS 343 CIS 320 CIS 345  General Education  Elective   | Behavioral and Social Perspectives (General Education)  Subtotal                     | Hours 3 3 3 3 1 15  | Yearly Tota  |
|   | Course CIS 231 CIS 341 General Education  Elective Elective Elective  First                                     | St Semester Notes  Behavioral and Social Perspectives (General Education)  Subtotal                           | Hours 4 3 3 3 1 1 15               | Seco Course CIS 343 CIS 320 CIS 345  General Education  Elective  Seco   | Behavioral and Social<br>Perspectives (General<br>Education)                         | Hours 3 3 3 3 3 3 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | Yearly Tota  |
|   | Course CIS 231 CIS 341 General Education  Elective Elective Elective  Firs Course CIS 346                       | Behavioral and Social Perspectives (General Education)  Subtotal  | Hours 4 3 3 3 1 1 15 Hours 3       | Seco Course CIS 343 CIS 320 CIS 345  General Education  Elective  Seco Course CIS 360                                    | Behavioral and Social Perspectives (General Education)  Subtotal                     | Hours 3 3 3 3 15 Hours 3                                  | Yearly Tota  |
|   | Course CIS 231 CIS 341 General Education  Elective Elective Elective  Firs Course CIS 346 CIS 344               | Behavioral and Social Perspectives (General Education)  Subtotal  | Hours 4 3 3 1 1 1 15 Hours 3 3     | Seco Course CIS 343 CIS 320 CIS 345  General Education  Elective  Seco Course CIS 360 CIS 449                            | Behavioral and Social Perspectives (General Education)  Subtotal                     | Hours 3 3 3 3 4 15 Hours 3 3                              | Yearly Tota  |
|   | Course CIS 231 CIS 341 General Education  Elective Elective Elective  Firs Course CIS 346 CIS 344 Elective      | Behavioral and Social Perspectives (General Education)  Subtotal  | Hours 4 3 3 1 1 15 Hours 3 3 3 3   | Seco Course CIS 343 CIS 320 CIS 345  General Education  Elective  Seco Course CIS 360 CIS 449 Elective                   | Behavioral and Social Perspectives (General Education)  Subtotal                     | Hours 3 3 3 3 4 15 Hours 3 3 3                            | Yearly Tota  |
|   | Course CIS 231 CIS 341 General Education  Elective  Elective Elective  Course CIS 346 CIS 344 Elective Elective | Behavioral and Social Perspectives (General Education)  Subtotal  St Semester Notes                           | Hours 4 3 3 1 1 15 Hours 3 3 3 3 3 | Seco Course CIS 343 CIS 320 CIS 345  General Education  Elective  Seco Course CIS 360 CIS 449 Elective Elective          | Behavioral and Social Perspectives (General Education)  Subtotal                     | Hours 3 3 3 3 4 15 Hours 3 3 3 3                          | Yearly Tota  |
|   | Course CIS 231 CIS 341 General Education  Elective Elective Elective  Firs Course CIS 346 CIS 344 Elective      | Behavioral and Social Perspectives (General Education)  Subtotal  | Hours 4 3 3 1 1 15 Hours 3 3 3 3   | Seco Course CIS 343 CIS 320 CIS 345  General Education  Elective  Seco Course CIS 360 CIS 449 Elective Elective Elective | Behavioral and Social Perspectives (General Education)  Subtotal  and Semester Notes | Hours 3 3 3 3 4 15 Hours 3 3 3 3 3 3 3                    | Yearly Tota  |
|   | Course CIS 231 CIS 341 General Education  Elective  Elective Elective  Course CIS 346 CIS 344 Elective Elective | Behavioral and Social Perspectives (General Education)  Subtotal  St Semester Notes  Humanities and Fine Arts | Hours 4 3 3 1 1 15 Hours 3 3 3 3 3 | Seco Course CIS 343 CIS 320 CIS 345  General Education  Elective  Seco Course CIS 360 CIS 449 Elective Elective          | Behavioral and Social Perspectives (General Education)  Subtotal                     | Hours 3 3 3 3 4 15 Hours 3 3 3 3                          | Yearly Tota  |