

# Cyber Security, Master of Science Degree - Research Track

## Stephen F. Austin State University



### OPTION 2 - RESEARCH

| Year 1             | Fall Semester - Odd                 |                     |                    | Spring Semester - Even       |                     |   |
|--------------------|-------------------------------------|---------------------|--------------------|------------------------------|---------------------|---|
|                    | CSCI 5362                           | Penetration Testing | 3                  | CSCI 5345                    | Reverse Engineering | 3 |
| CSCI 5363          | Computer Networks and Dist. Systems | 3                   | CSCI 5360          | Computer Networking          | 3                   |   |
| CSCI 5320          | Database Management Systems         | 3                   | Elective           | Graduate STAT <sup>(1)</sup> | 3                   |   |
| <b>Total Hours</b> |                                     | <b>9</b>            | <b>Total Hours</b> |                              | <b>9</b>            |   |

  

| Year 2             | Fall Semester - Even          |              |                    | Spring Semester - Odd         |                   |   |
|--------------------|-------------------------------|--------------|--------------------|-------------------------------|-------------------|---|
|                    | CSCI 5312                     | Web Security | 3                  | CSCI 5348                     | Digital Forensics | 3 |
| CSCI 5322          | Defensive Coding and Security | 3            | CSCI 5181          | Practicum in Cyber Security 2 | 3                 |   |
| CSCI 5180          | Practicum in Cyber Security 1 | 3            | Elective           | Graduate STAT <sup>(1)</sup>  | 3                 |   |
| <b>Total Hours</b> |                               | <b>9</b>     | <b>Total Hours</b> |                               | <b>9</b>          |   |

  

|                            |           |
|----------------------------|-----------|
| <b>Total Program Hours</b> | <b>36</b> |
|----------------------------|-----------|

**Summer**  
 Students may consider completing **CSCI 5180 Practicum in Cyber Security** hours during the summer months.

| Color Legend               |
|----------------------------|
| <i>CYSE Required</i>       |
| <i>CYSE Elective</i>       |
| <i>CYSE Option</i>         |
| <i>Statistics Elective</i> |

(1) Elective graduate level (5000+) course in statistics.