**SAMPLE MS CYBER SECURITY CONCENTRATION COURSE OUTLINE PER TERM**

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| **YEAR 1** | | **YEAR 1** | |
| **SEMESTER 1** | | **SEMESTER 2** | |
| **Course Code and Title** | **Credits** | **Course Code and Title** | **Credits** |
| BGDA 501: Introduction to Big Data | 3 | BGDA 511: Big Data and Analytics | 3 |
| BGDA 510: Data Mining | 3 | BGDA 555: Business Intelligence | 3 |
| BGDA 513: Artificial Intelligence | 3 | BGDA 521: Technology Management | 3 |
|  | | | |
| **YEAR 2** | | **YEAR 2** | |
| **SEMESTER 3** | | **SEMESTER 4** | |
| **Course Code and Title** | **Credits** | **Course Code and Title** | **Credits** |
| BGDA 522: Applied Statistics | 3 | CAPS 621: Capstone Project | 3 |
| CMPS 514: Management Information Systems | 3 | CMPS 517: Computer Forensics | 3 |
| CMPS 502: Cyber Security | 3 | CMPS 578: Cyber Security Law | 3 |