# The University of Texas at Tyler

## Department of Computer Science:  2025-2026 Degree Plan – MS CSDA

Name: _____   Student ID #: _____

Phone Number: _____   Advisor: _____

| | | | | | Sem | Grade | Comments / Transfer Course | Sub |
|---|---|---|---|---|---|---|---|---|
| 1 | CSCI | 5346 | Database Analytics | 3 | | | | |
| 1 | CSCI | 5334 | Data Analytics w/Python | 3 | | | | |
| 2 | CSCI | 5374 | Quant. Methods and Analysis | 3 | | | | |
| 2 | COSC | 5342 | Cybersecurity Management | 3 | | | | |
| 3 | COSC | 5363 | Contingency Planning | 3 | | | | |
| 3 | | | Elective | 3 | | | | |
| 4 | COSC | 5341 | Cybersecurity | 3 | | | | |
| 4 | CSCI | 5348 | Quantitative Investing | 3 | | | | |
| 5 | COSC | 5347 | Business Intelligence | 3 | | | | |
| 5 | | | Elective | 3 | | | | |
| 6 | CSDA | 5350 | Machine Learning | 3 | | | | |
| 6 | | | Elective | 3 | | | | |

36   Hours

**Electives for Applied Cybersecurity Certificate**

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|---|---|
| COSC 5364 | Cyber Risk Analysis |
| COSC 5367 | Cryptography |
| COSC 5388 | Digital Forensics |
| CSCI 5362 | Ethical Hacking |
| CSCI 5363 | Rev. Engineering & Malware Analysis |

**Electives for Applied Data Analytics Certificate**

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|---|---|
| CSDA 5371 | Data Mining |
| CSCI 5342 | Sports Data Mining |
| CSCI 5345 | Text Analytics |
| MANA 5365 | Healthcare Analytics |
| MARK 5340 | Data-Driven Marketing Insights |

Effective Fall 2025