| Program SLOs | 3 SH COP 5725 Database Systems | 3 SH COP 6416 Adv. Algorithms | 3 SH COP 5522 Parallel & Distrib. Computing | Course Cluster (6 SH) (Students Select One Group of 2 Courses ) Software Engineering CEN 6030 Agile Soft. Engineering | CEN 6017 Cont. Soft. Engineering | Data Analytics CAP 6771 Data Mining | CAP 6789 Adv. Big Data Analytics | 6 SH (Choose One) COT 6931 Capstone | CIS 6971 Thesis |
|---|---|---|---|---|---|---|---|---|---|
| **Content** | | | | | | | | | |
| SLO1 | | intro/reinf. | intro/reinf. | reinf. | reinf. | reinf. | reinf. | master | master |
| **Critical Thinking** | | | | | | | | | |
| SLO2 | intro | intro/reinf. | intro/reinf. | reinf. | reinf. | reinf. | reinf. | master | master |
| **Communication** | | | | | | | | | |
| SLO3 | intro | | intro/reinf. | reinf. | reinf. | reinf. | reinf. | master | master |
| **Integrity / Values** | | | | | | | | | |
| SLO4 | intro | | intro | reinf. | | | reinf. | master | master |

**Department Name**   Computer Science                **Program Name: M.S. in Computer Science**

**Department URL**   http://uwf.edu/hmcse/departments/computer-science/   **Creation Date: Fall 2024**

**SLO1:**   Develop and analyze relevant algorithms and their efficient implementation in a variety of environments.
**SLO2:**   Identify and analyze alternate approaches to solving computational problems.
**SLO3:**   Employ effective and professional technical writing and presentation skills.
**SLO4:**   Identify ethical issues and responsibilities within the computing profession.