**MS in Database Technologies**

**MS in Database Technologies Electives**

Three Database electives are required for degree.
- MSCD 640 – Oracle Database Administration
- MSCD 642 – Database Backup and Recovery
- MSCD 644 – Database Performance Tuning
- MSCD 650 – PL/SQL Programming
- MSCD 661 – Business Intelligence and Analytics
- MSCD 670 – Middleware Architectures and Database Applications
- MSCD 675 – Database Technologies and SOA
- MSCD 681 – Data Warehouse Design

**NOTE:** In addition to Degree Program Courses, students select **three** general elective courses. These courses may be selected from any SCIS Graduate MS program.

- **Database Technologies**
- **Software Engineering**
- **Systems Engineering**
- **Information Assurance**
- **Information Technology Management**
- **Software Engineering and Database Technologies**

*For the Practicum option, MSCD 692 will take the place of the final MSCD elective and will be taken after MSCC 630.*