

## Database Administrator Certificate (2581)

This certificate is a subset of the Database Administrator Concentration (9258) intended for students who already possess a college degree or who wish to learn the technical material without gaining a degree at this time. Students will specialize in the administration of Oracle or Microsoft SQL Server databases. Courses within this program help students prepare for certification exams.

BUSM 1300	Introduction to Business	3
ITCS 1010	Programming Logic	3
ITDB 1400	Introduction to Oracle SQL	2
ITIS 1005	Computers and Information Processing	3
<b>ITON 1020</b>	<b>Using Microsoft Windows</b>	<b>1</b>
<b>OR</b>		
<b>ITON 1030</b>	<b>Using Microsoft Windows Vista</b>	
ITON 1205	Network+ and Networking Essentials	2
Choose courses from the Database Administrator Requirement list.		6

**Certificate Total: 20**

### **Database Administrator Requirement:** minimum 6 credits

Students must choose all of the courses from within one of the following areas:

#### **Oracle Emphasis:**

ITDB 1405	Introduction to Oracle PL/SQL	2
ITDB 1425	Oracle Database Administration I	2
ITDB 2425	Oracle Database Administration II	2

#### **Microsoft Emphasis:**

ITDB 1406	Microsoft SQL Concepts	2
ITDB 1426	Microsoft SQL Server Implementation	2
ITDB 2426	Microsoft SQL Server Maintenance	2