

# ORACLE DATABASE ADMINISTRATOR (DBA) CERTIFICATE

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15 Semester Credit Hours; Curriculum: 0139

This certificate prepares the student to install, operate, troubleshoot, monitor and improve the performance of an Oracle database. The courses will help students prepare for Oracle Database Administrator certification. This certificate can be completed in one semester.

Code	Title	Hours
<b>Courses for a Certificate</b>		
CIS 143	Introduction to SQL	3
CIS 145	Database Fundamentals I	4
CIS 245	Database Fundamentals II	4
CIS 247	Performance Tuning	4
<b>Total Hours</b>		<b>15</b>

## Program Learning Outcomes

1. Setup, manage, and administer an Oracle database.
2. Troubleshoot an Oracle database and resolve problems.
3. Diagnose performance problems and improve the performance of an Oracle database.

## Oracle Database Administration (DBA) Certificate Pathway

The following Pathway is recommended for students pursuing the Oracle Database Management (DBA) Certificate.

Course	Title	Hours
<b>First Year</b>		
<b>Semester One</b>		
CIS 143	Introduction to SQL	3
CIS 145	Database Fundamentals I	4
<b>Hours</b>		<b>7</b>
<b>Semester Two</b>		
CIS 245	Database Fundamentals II	4
CIS 247	Performance Tuning	4
<b>Hours</b>		<b>8</b>
<b>Total Hours</b>		<b>15</b>

**Note:** Pathway is a recommended sequence and selection of courses. This certificate can be completed in one semester. Full-time students should contact the program co-coordinators to discuss a full-time pathway as well as course prerequisites and recommendations.