

DATABASE TECHNOLOGY
Oracle Database Administrator Associate in Science Major Code 21492§

Program Description

The Oracle Database Administrator Associate in Applied Science degree, offered at the A. Hugh Adams Central Campus, prepares students for employment opportunities as database administrators. It is designed for students seeking to successfully complete the Oracle Certified Professional (OCP) Certification in Database Administration.

Related Programs

Oracle Database Developer Associate in Science Major Code 21134§
 Microsoft Certified Database Administrator (MCDBA) Associate in Science Major Code 21494
 Oracle System Administrator (Database Administrator Option) Technical Certificate Major Code 62386
 Oracle Software Engineering (Database Developer Option) Technical Certificate Major Code 62385

§ Students can earn a degree from 21491, 21493, 21492 or 21134, but not from two or more of these programs.

Entrance Requirements

- HS Diploma or GED
 - PERT
- The PERT test places students into preparatory level reading, writing and math courses designed to prepare them for college-level coursework. Recent ACT or SAT score may also be used for placement. For more information, see <http://www.broward.edu/testing/>. Students who test into college prep courses must successfully complete all of the required coursework to qualify for graduation.

First Year Term I

CIS 1000C	Introduction to Computer Science	3
COP 1334C	Introduction to C++ Programming ¹	3
ENC 1101	Composition	3
MAC 1105	College Algebra	3
Total Term Semester Hours		12

First Year Term II

CIS 2321C	Systems Analysis & Design ²	3
COP 1335C	Intermediate C++ Programming ²	3
COP 2700C	Database Design & Programming SQL ²	3
Hum / FA	Humanities/Fine Arts Elective	3
SPC 1024	Intro to Speech Communications or	
SPC 1608	Intro to Public Speaking	3
Total Term Semester Hours		15

First Year Term III

CTS 1106	Unix ²	3
CTS 1134C	Network +	4
Total Term Semester Hours		7

Second Year Term I

CTS 2441C	Oracle DBA: Database Admin I ³	4
CTS 2442C	Oracle DBA: Network Admin II ⁴	4
CTS 1111C	Linux+	4
Soc/ Beh	Social/Behavioral Science Elective	3
Total Term Semester Hours		15

Second Year Term II

COP 2361C	Object-Oriented Analysis & Design ⁵	3
COP 2800C	Programming in Java ⁶	3
CTS 2444C	Oracle DBA: Performance Tuning ⁷	4
CS Elective	Computer Science Elective*	4
Total Term Semester Hours		14
Total Program Hours		63

* Computer Science (CS) Electives: CGS 1060C or any course with a CIS, COP, or CTS prefix

Note: Students must fulfill the computer literacy general education requirements within the first 15 hours of BC credit by successfully completing the basic student technology test or pass the CG1060C to earn the degree.

¹ Prerequisite – MAT 1033 or MTB 1310

² Prerequisite – COP 1334C (with a grade of C or higher)

³ Prerequisite – COP 2071C (with a grade of C or higher)

⁴ Prerequisites – CTS 2441C and CTS 1106 (each with a grade of C or higher)

⁵ Prerequisites – CIS 2321C and COP 1335C (each with a grade of C or higher)

⁶ Prerequisites – CIS 2321C and COP 1335C (each with a grade of C or higher); Pre/Co-requisite – COP 2361C

⁷ Prerequisites – CTS 2442C and CTS 1111C (each with a grade of C or higher)

It is strongly recommended that students see an academic advisor every term.