

Oracle Professional Database Developer Associate in Science Major Code 21134

Program Description

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

First Year Term I

*COP1334C	Introduction to C++ Programming ¹	3
*ENC 1101	Composition I	3
GEB 1011	Introduction to Business	3
*MAC 1105	College Algebra	3
Total Term Semester Hours		12

First Year Term II

*CIS 2321	Systems Development and Design ²	3
*COP 1335C	Intermediate C++ Programming ²	3
*COP 1341	UNIX ²	3
#Elective	Computer Science	4
SPC 1024	Intro to Speech Communication or	
SPC 1600	Intro to Public Speaking	3
Total Term Semester Hours		16

First Year Term III

CIS 2342	Designing Data Services and Data Models ²	3
*COP 2361C	Object-oriented Design and Programming ³	3
Total Term Semester Hours		6

Second Year Term I

*COP 2740C	Intro to Oracle: SQL and PL/SQL ⁴ (Session 2)	4
*COP 2745C	Oracle Developer: Develop PL/SQL Program Units ⁵ (Session 4) ⁴	
#Elective	Computer Science	4
Elective	Humanities/Fine Arts	3
Total Term Semester Hours		15

Second Year Term II

*COP 2746C	Oracle Forms: Build Internet Applications ⁶ (Session 2)	4
*COP 2800C	Programming in Java ³	3
#Elective	Computer Science	4
Elective	Social/Behavioral Science	3
Total Term Semester Hours		14
Total Program Semester Hours		63

#Any course with a COP, CDA, CET, CGS, CIS or CEN prefix, except CGS 1000, CGS 1060, CGS 1061C or CGS 1570.

*Requires a pre- or co-requisite or proper score on the placement test. See course description in this catalog or online at www.broward.edu.

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 CGS1060C to earn the degree.

1. College level math placement scores.
2. Pre-requisite – COP 1334C
3. Pre-requisite – COP 1335C
4. Pre-requisite – CIS 2342 and COP 1334C (each with grade of C or higher)
5. Pre-requisite – COP 2740C (with grade of C or higher)
6. Pre-requisite – COP 2745C (with grade of C or higher)

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