

## Oracle Professional Database Administrator Associate in Science Major Code 21492

### **Program Description**

The Oracle Professional 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.

**Students must have college level math placement scores to enroll in this program.**

### **First Year Term I**

CEN 1509C	Network +	4
*COP 1334C	Introduction to C++ Programming <sup>1</sup>	3
*ENC 1101	Composition I	3
*MAC 1105	College Algebra	3
<b>Total Term Semester Hours</b>		<b>13</b>

### **First Year Term II**

*CIS 2321	Systems Development and Design <sup>2</sup>	3
*COP 1335C	Intermediate C++ Programming <sup>2</sup>	3
#Elective	Humanities/Fine Arts	3
*COP 1341	UNIX <sup>2</sup>	3
SPC 1024	Intro to Speech Communications <b>or</b>	
SPC 1600	Intro to Public Speaking	3
<b>Total Term Semester Hours</b>		<b>15</b>

### **First Year Term III**

*CIS 2342	Designing Data Serv/Data Models <sup>2</sup>	3
*COP 2361C	Object-oriented Design and Pro <sup>3</sup>	3
<b>Total Term Semester Hours</b>		<b>6</b>

### **Second Year Term I**

*COP 2740C	Intro to Oracle SQL and PL/SQL <sup>4</sup>	4
*COP 2741C	Oracle DBA: Database Admin I <sup>5</sup>	4
*COP 2800C	Programming in Java <sup>3</sup>	3
*CTS 1111C	Linux+ <sup>6</sup>	4
<b>Total Term Semester Hours</b>		<b>15</b>

### **Second Year Term II**

*COP 2742C	Oracle DBA: Network Admin II <sup>7</sup>	4
*COP 2744C	Oracle DBA: Performance Tuning <sup>8</sup>	4
#Elective	Computer Science	3
Elective	Social/Behavioral Science	3
<b>Total Term Semester Hours</b>		<b>14</b>
<b>Total Program Hours</b>		<b>63</b>

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

\*Requires a pre- or co-requisite. See course description in this catalog or online at [www.broward.edu](http://www.broward.edu).

1. College level math placement scores
2. Pre-requisite – COP 1334C
3. Pre-requisite – COP 1335C
4. CIS 2342 and COP 1334C (each with grade of C or higher)
5. Pre-requisite – COP 2740C and COP1341 (each with grade of C or higher)
6. Pre-requisite – COP 1341 (with grade of C or higher) or CDA1403C (with grade of C or higher and co-requisite of CDA1302C)
7. Pre-requisite – COP 2741 (with grade of C or higher)
8. Pre-requisite – COP 2742C and CTS 1111C (each with grade of C or higher)

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

Students who test into college preparatory courses must successfully complete all required college preparatory course to qualify for graduation.

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.