

# DATA ANALYTICS, SKILLS COMPETENCY AWARD (SCA)

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## Overview

This program prepares students to work with data analytics tools used in enterprises.

## Requirements

### Skills Competency Award Requirements

Complete all department requirements with a "C" or higher or "P" in each course. Candidates for a Skills Competency Award are required to complete at least 20% of the department requirements through SBCC.

Code	Title	Units
<b>Department Requirements</b>		
CIS 107 or CIS 117	Introduction to Database Systems Introduction to SQL Programming	2-4
CIS 120	Introduction to NoSQL Databases	2
CIS 239	Crystal Reports	2
CIS 254	MongoDB Design and Programming	3
CIS 255	Apache Cassandra Design and Programming	3
<b>Total Units</b>		<b>12.00-14.00</b>

## Learning Outcomes

1. Demonstrate an understanding of NoSQL database models.
2. Implement a NoSQL database in the enterprise.
3. Explain ways to manage data in NoSQL databases.