

## Requirements 2012-2013

Courses may be subject to prerequisites and minimum grade requirements. Check online at [www.bellevuecollege.edu/classes/all/](http://www.bellevuecollege.edu/classes/all/).

Course	Course Title	Credits
<b>CORE COURSEWORK</b>		
BUSIT 103	SQL Fundamentals .....	5
CMST 250	Communication in the Workplace .....	5
DBA 130	Database Theory .....	5
ENGL& 101	English Composition I .....	5
IT 103	Networking Basics .....	5
PROG 110	Introduction to Programming .....	5
PROG 140	SQL & Relational Database Programming .....	5
<b>Choose 5 credits from the following:</b> .....		5
ENGL& 235	Technical Writing (5 Cr)	
ENGL 201	The Research Paper (5 Cr)	
<b>Choose 5 credits from the following:</b> .....		5
MATH 130	Introduction to Statistics (5 Cr)	
BA 240	Statistical Analysis (5 Cr)	
<b>Choose 5-6 credits from the following:</b> .....		5-6
PHYS 109	PHYS 109 (6 Cr)	
Any Lab Science	(5-6 Cr)	
<b>Choose 5-6 credits from the following:</b> .....		5
PROG 118	Windows Development (5 Cr)	
PROG 117	Web Development II (5 Cr)	
<b>TOTAL CORE CREDITS:</b> .....		55-56
<b><u>CHOOSE ONE OF THE FOLLOWING THREE TRACKS:</u></b>		
<b>TRACK #1 – BUSINESS INTELLIGENCE TRACK</b>		
BUSIT 105	Multi-Dimensional Analysis I .....	5
BUSIT 110	Data Warehouse I .....	5
BUSIT 115	Data Mining I .....	5
BUSIT 202	Dimensional Modeling .....	5
BUSIT 205	Multi-Dimensional Analysis II .....	5
BUSIT 209	Data Visualization .....	5
BUSIT 210	Data Warehouse II .....	5
<b>TRACK CREDITS:</b> .....		35
<hr/>		
<b>TRACK #2 – DATABASE ADMINISTRATION TRACK</b>		
BUSIT 105	Multi-Dimensional Analysis I .....	5
DBA 232	Database Administration .....	5
NSCOM 221	Implementing Server Operating Systems .....	5
PROG 160	Systems Analysis & Design .....	5
TECH 223	Using & Supporting Linux .....	5
Approved Electives (10 Cr)	.....	10
<b>TRACK CREDITS:</b> .....		35
<hr/>		

**TRACK #3 – SOFTWARE DEVELOPMENT TRACK**

PROG 109	Introduction to Web Development.....	5
PROG 120	Object Oriented Programming Concepts.....	5
PROG 160	Systems Analysis & Design.....	5
PROG 210	Enterprise Software Development II.....	5
PROG 225	Enterprise Software Development Project OR.....	5
PROG 260	Advanced Topics in OOP (5 Cr).....	
	Approved Electives (10 Cr).....	10
	<b>TRACK CREDITS:</b> .....	<b>35</b>

---

**GRAND TOTAL** ..... **90-91**

**Program Contact Info:** <http://bellevuecollege.edu/programs/az/> **Information Systems – IBIT**

Use Degree Audit to track your progress toward completion of this degree at [bellevuecollege.edu/degreeaudit](http://bellevuecollege.edu/degreeaudit)

Please refer to [bellevuecollege.edu/programs/degrees/](http://bellevuecollege.edu/programs/degrees/) for latest degree updates and further information.

---

**BC General Education requirements embedded in this degree are designed to address areas and specific requirements that ensure that students' learning experiences prepare them to build fulfilling and successful lives as individuals, workers, citizens, and life-long learners.**

Student Name: \_\_\_\_\_

SID: \_\_\_\_\_

Program Requirements Courses may be subject to minimum grade requirements and prerequisites			Approved Substitution/Transfer Credit			Grade	Qtr	Yr
Course	Course Title	Cr	School	Course	Cr			
BUSIT 103	SQL Fundamentals	5						
CMST 250	Communication in the Workplace	5						
DBA 130	Database Theory	5						
ENGL& 101	English Composition I	5						
IT 103	Networking Basics	5						
PROG 110	Introduction to Programming	5						
PROG 140	SQL & Relational Database Programming	5						
<b>Choose 5 credits from the following:</b>		5						
ENGL& 235	Technical Writing							
ENGL 201	The Research Paper (5 Cr)							
<b>Choose 5 credits from the following:</b>		5						
MATH 130	Introduction to Statistics							
BA 240	Statistical Analysis (5 Cr)							
<b>Choose 5 credits from the following:</b>		5-6						
PHYS 109	Science for Information Technology							
Any Lab Science (5 or 6 Cr)								
<b>Choose 5 credits from the following:</b>		5						
PROG 118	Windows Development							
PROG 117	Web Development II (5 Cr)							
<b>Total Core Credits:</b>		55-56						
<b>CHOOSE ONE OF THE FOLLOWING THREE TRACKS FOR 35 CREDITS</b>								
<b>BUSINESS INTELLIGENCE TRACK</b>								
BUSIT 105	Multi-Dimensional Analysis I	5						
BUSIT 110	Data Warehouse I	5						
BUSIT 115	Data Mining I	5						
BUSIT 202	Dimensional Modeling	5						
BUSIT 205	Multi-Dimensional Analysis II	5						
BUSIT 209	Data Visualization	5						
BUSIT 210	Data Warehouse II	5						
<b>Track Credits:</b>		35						
<b>DATABASE ADMINISTRATION TRACK</b>								
BUSIT 105	Multi-Dimensional Analysis I	5						
DBA 232	Database Administration	5						
NSCOM 221	Implementing Server Operating Systems	5						
PROG 160	Systems Analysis & Design	5						
TECH 223	Using & Supporting Linux	5						
Approved Elective:		5						
Approved Elective:		5						

	<b>Track Credits:</b>	35						
<b>SOFTWARE DEVELOPMENT TRACK</b>								
PROG 109	Introduction to Web Development	5						
PROG 120	Object Oriented Programming Concepts	5						
PROG 160	Systems Analysis & Design	5						
PROG 210	Enterprise Software Development II							
PROG 225	Enterprise Software Development Project OR	5						
PROG 260	Advanced Topics in OOP (5 Cr)							
<u>Approved Elective:</u>		5						
<u>Approved Elective:</u>		5						
	<b>Track Credits</b>	35						
<b>TOTAL:</b>		<b>90-91</b>						

Exceptions to degree or certificate requirements and graduation information: <http://bellevuecollege.edu/enrollment/graduation/>

**Completed form must be submitted to the Evaluations/Graduation Office when applying for graduation.**

Program Chair: \_\_\_\_\_ Date: \_\_\_\_\_