



# NSCC Guided Pathway

2020-21

## Database Management and Security (DBS) – Information Technology Pathway

### Associate in Science • STEM and Education Division

Recommended Course Selection Sequence		Required	Credits	Course Offered	CPL Option	Completion
CPS100	Information Technology and Its Applications	Ⓡ	3		X	<input type="checkbox"/>
CPS173	Data Management Using Excel	Ⓡ	3	Fall only		<input type="checkbox"/>
CMP101	Composition 1	Ⓡ	3		X	<input type="checkbox"/>
MAT143	Introduction to Statistics	Ⓡ	3		X	<input type="checkbox"/>
CPS134	Introduction to Computer Networks	Ⓡ	2	Spring only	X	<input type="checkbox"/>
CPS138	Internet Networking and Security	Ⓡ	4			<input type="checkbox"/>
CPS168	Introduction to Access	Ⓡ	2	Spring only	X	<input type="checkbox"/>
CPS170	Database Theory and Applications	Ⓡ	4			<input type="checkbox"/>
CPS122 or CPS218	Operating Systems UNIX	Ⓡ	4		X	<input type="checkbox"/>
MAT151	Precalculus 1	Ⓡ	3		X	<input type="checkbox"/>
Open Elective		Ⓡ	1			<input type="checkbox"/>
CPS177	Database Programming with SQL	Ⓡ	3	Fall only		<input type="checkbox"/>
CPS219	Data Analysis	Ⓡ	3	Fall only		<input type="checkbox"/>
Humanities Elective		Ⓡ	3			<input type="checkbox"/>
CPS250	Advanced Network Security	Ⓡ	3	Fall only		<input type="checkbox"/>
Science Elective		Ⓡ	3			<input type="checkbox"/>
CMP102-150	Composition 2 Elective	Ⓡ	3		X	<input type="checkbox"/>
CPS182	Information Systems Disaster Recovery	Ⓡ	2	Spring only		<input type="checkbox"/>
CPS221	Database Administration	Ⓡ	4	Spring only		<input type="checkbox"/>
Laboratory Science Elective			4		X	<input type="checkbox"/>

**Total Program Credits:** 60

#### Program Notes

- Open admissions
- Eligible North Shore Promise program
- Day program

#### Campus Information

- Lynn campus based

#### Additional Graduation Requirements

- Cumulative CLGPA at or above 2.0
- Submit your intent to graduate form at: [www.northshore.edu/registrar](http://www.northshore.edu/registrar)

#### Advising Notes

- The recommended courses listed are designed upon degree completion to enable a student to be eligible to transfer to a four year university in Database Management and Security or a related field. Check your receiving institution to determine best credit transfer options, and seek the advising from STEM advisors.
- Courses are listed in the recommended order you should take them.
- Many courses have prerequisite requirements that must be fulfilled to be eligible to enroll in the course.
- If you intend to graduate with an associate degree in two years, you should enroll in at least 15 credits if taking only fall/spring courses.
- Completing 30 credits each year helps students stay on track to timely graduation.
- Taking classes in the winter intersession and summer can accelerate your time to degree completion.
- All student degree audits for graduation purposes will be based off the official program of study the student is enrolled in.

Ⓡ Required course for degree  
 X Center for Alternative Studies & Educational Testing (CAS) –  
 Course competencies and prerequisites may be fulfilled through Credit for  
 Prior Learning (CPL). Visit [www.northshore.edu/cas](http://www.northshore.edu/cas) for more information.



**Congratulations NSCC Graduate!**