

About this document

This document is meant to serve as an advising guide for transfer students in the BS Data Science program at UNC Charlotte. The bulk of this document contains plans of study for various situations based on semester starting (fall, spring) and math placement level (ML1, ML2, ML3, ML4). It is meant to be used by current students, prospective students, and program academic advisors.

Of course, these plans of study are just a starting point, and each individual student's plan can be modified to meet their needs. However, note that courses with the ► symbol are only offered in the semester (fall/spring) in which they appear in the plan. For example, DTSC 1301 can only be taken in the fall; students should not alter their plan of study in a way that would count on taking DTSC 1301 in the spring, as this course is not offered in the spring.

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Graduation Requirements

To graduate with a bachelor's degree from the University of North Carolina at Charlotte, *all* students regardless of major must meet the following requirements:

- Earn at least 120 credits (no exceptions can be made!)
- Complete all general education requirements (see below)
- Be in good academic standing and have a cumulative grade point average of at least 2.0
- Complete all major requirements and have a grade point average of at least 2.0 in major courses

General Education Requirements for Data Science Majors

You must earn credit (through transfer credit or taking courses at UNC Charlotte) for the following seven courses outside the data science major:

- WRDS 1103 or 1104
- Science with a lab
- Science without a lab
- One of: LBST 1101, 1102, 1103, 1104, or 1105
- Two of: LBST 2101, 2102, 2211, 2212, 2213, 2214, or 2215 (only one of 221X can count)
- LBST 2301

All other general education courses listed as required in the undergraduate catalog are covered by courses required for the data science major.

Transfer Student - Fall Start - Calculus-ready

To graduate in 4 semesters, you must satisfy all of the following:

- transfer in at least 56 credits,
- be eligible to take calculus in your first semester at UNC Charlotte, and
- have 'General Education Exempt' status. 'General Education Exempt' status typically applies to students who have previously earned an Associate's AS or AA degree.

First Year	Fall	Spring
	▶ DTSC 1301	▶ DTSC 2301
	▶ DTSC 1302	▶ DTSC 2302
	STAT 1222	STAT 2223
	Calculus (*)	ITSC 1213
	Elective	Discrete Math (**)
Summer	ITSC 2214	
Second Year	Fall	Spring
	▶ DTSC 3601	▶ DTSC 4301
	▶ DTSC 3602	▶ DTSC 4302
	▶ STAT 3160	ITCS 3160
	ITCS 3162	MATH 2164
	Elective	Elective

(*) Calculus = MATH 1120 (ML3 or ML4 or transfer in credit for MATH 1100)
 or MATH 1241 (ML4 or transfer a grade of C or better in MATH 1103)

(**) Discrete math = ITSC 2175 or MATH 1165

Transfer Student - Spring Start - Calculus-ready

To graduate in five semesters, you must transfer in at least 41 credits and be eligible to take calculus in your first semester at UNC Charlotte.

First Year	Fall	Spring
		STAT 1222
		Calculus (*)
		Elective/Gen Ed
		Elective/Gen Ed
		Elective/Gen Ed
Second Year	Fall	Spring
	▶ DTSC 1301	▶ DTSC 2301
	▶ DTSC 1302	▶ DTSC 2302
	STAT 2223	ITSC 1213
	MATH 2164	Discrete Math (**)
	Elective/Gen Ed	Elective/Gen Ed
Summer	ITSC 2214	
Third Year	Fall	Spring
	▶ DTSC 3601	▶ DTSC 4301
	▶ DTSC 3602	▶ DTSC 4302
	▶ STAT 3160	ITCS 3160
	ITCS 3162	Elective/Gen Ed
	Elective/Gen Ed	Elective/Gen Ed

(*) Calculus = MATH 1120 (ML3 or ML4 or transfer in credit for MATH 1100)
 or MATH 1241 (ML4 or transfer a grade of C or better in MATH 1103)

(**) Discrete math = ITSC 2175 or MATH 1165

Transfer Student - Fall Start - any math placement level

To graduate in 6 semesters, you must transfer in at least 26 credits.

First Year	Fall	Spring
	MATH 110X (+) (if needed)	STAT 1222
	Elective/Gen Ed	Calculus (*)
	Elective/Gen Ed	Elective/Gen Ed
	Elective/Gen Ed	Elective/Gen Ed
	Elective/Gen Ed	Elective/Gen Ed
Second Year	Fall	Spring
	▶ DTSC 1301	▶ DTSC 2301
	▶ DTSC 1302	▶ DTSC 2302
	STAT 2223	ITSC 1213
	Discrete Math (**)	MATH 2164
	Elective/Gen Ed	Elective/Gen Ed
Summer	ITSC 2214	
Third Year	Fall	Spring
	▶ DTSC 3601	▶ DTSC 4301
	▶ DTSC 3602	▶ DTSC 4302
	▶ STAT 3160	ITCS 3160
	ITCS 3162	Elective/Gen Ed
	Elective/Gen Ed	Elective/Gen Ed

(+) MATH 110X = MATH 1101 (ML1) or MATH 1100 (ML2)

(*) Calculus = MATH 1120 (have credit for MATH 110X first)
 or MATH 1241 (must earn C or better in MATH 1103 first)

(**) Discrete math = ITSC 2175 or MATH 1165

Transfer Student - Spring Start - any math placement level

To graduate in 5 semesters, you must transfer in at least 41 credits.

First Year	Fall	Spring
		MATH 110X (+)
		Elective/Gen Ed
		Elective/Gen Ed
		Elective/Gen Ed
		Elective/Gen Ed
Second Year	Fall	Spring
	▶ DTSC 1301	▶ DTSC 2301
	▶ DTSC 1302	▶ DTSC 2302
	STAT 1222	STAT 2223
	Calculus (*)	ITSC 1213
	Elective/Gen Ed	Discrete Math (**)
Summer	ITSC 2214	
Third Year	Fall	Spring
	▶ DTSC 3601	▶ DTSC 4301
	▶ DTSC 3602	▶ DTSC 4302
	▶ STAT 3160	ITCS 3160
	ITCS 3162	MATH 2164
	Elective/Gen Ed	Elective/Gen Ed

(+) MATH 110X = MATH 1101 (ML1) or MATH 1100 (ML2)

(*) Calculus = MATH 1120 (have credit for MATH 110X first)
 or MATH 1241 (must earn C or better in MATH 1103 first)

(**) Discrete math = ITSC 2175 or MATH 1165