

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 or 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.

v2.0

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Table of Contents

Graduation Requirements 3

Transfer Student – Fall Start - any math placement level 4

Transfer Student – Spring Start - any math placement level 5

Transfer Student – Fall Start - Calculus ready 6

Transfer Student – Spring Start - Calculus ready 7

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 the following 1501 level courses (subject to change)
 - AFRS 1501, ANTH 1501, ECON 1501, INTL 1501, POLS 1501, or SOCY 1501
- One of the following 1502 level courses (subject to change)
 - ARTA 1502, CHNS 1502, DANC 1502, ENGL 1502, FILM 1502, FRAN 1502, FREN 1502, GERM 1502, HIST 1502, ITLN 1502, LACS 1502, LTAM 1502, RELS 1502, SPAN 1502, or THEA 1502
- One of the following 1511 level courses (subject to change)
 - CJUS 1511, EDUC 1511, POLS 1511, SOWK 1511, or SOCY 1511
- One of the following 1512 level courses (subject to change)
 - CAPI 1512, CHNS 1512, ENGL 1512, HIST 1512, MUSC 1512, PHIL 1512, RELS 1512, SPAN 1512, THEA 1512, or WGST 1512
- CTCM 2530

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 - 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) _____ 1501/1502/1511/1512 course _____ Elective _____ Elective _____ Elective _____	STAT 1222 _____ Calculus (*) _____ 1501/1502/1511/1512 course _____ Elective _____ Elective _____
Second Year	Fall	Spring
	▶ DTSC 1301 _____ ▶ DTSC 1302 _____ STAT 2223 _____ Discrete Math (**) _____ CTCM 2530 _____	▶ DTSC 2301 _____ ▶ DTSC 2302 _____ ITSC 1213 _____ MATH 2164 _____ 1501/1502/1511/1512 course _____
Summer	ITSC 2214	
Third Year	Fall	Spring
	▶ DTSC 3601 _____ ▶ DTSC 3602 _____ STAT 3160 _____ ITCS 3162 _____ 1501/1502/1511/1512 course _____	▶ DTSC 4301 _____ ▶ DTSC 4302 _____ ITCS 3160 _____ Elective _____ Elective _____

(+) 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
	<hr/> <hr/> <hr/> <hr/>	MATH 110X (+) <hr/> 1501/1502/1511/1512 course <hr/> 1501/1502/1511/1512 course <hr/> Elective <hr/> Elective
Second Year	Fall	Spring
	▶ DTSC 1301 <hr/> ▶ DTSC 1302 <hr/> STAT 1222 <hr/> Calculus (*) <hr/> CTCM 2530 <hr/>	▶ DTSC 2301 <hr/> ▶ DTSC 2302 <hr/> STAT 2223 <hr/> ITSC 1213 <hr/> Discrete Math (**) <hr/>
Third Year	ITSC 2214	
Fourth Year	Fall	Spring
	▶ DTSC 3601 <hr/> ▶ DTSC 3602 <hr/> STAT 3160 <hr/> ITCS 3162 <hr/> 1501/1502/1511/1512 course <hr/>	▶ DTSC 4301 <hr/> ▶ DTSC 4302 <hr/> ITCS 3160 <hr/> MATH 2164 <hr/> 1501/1502/1511/1512 course <hr/>

(+) 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 - 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
- Have ‘General Education Exempt’ status. ‘General Education Except’ status typically applies to students who have previously earned an Associate’s AS or AA degree.

First Year	Fall	Spring
	▶ DTSC 1301 _____ ▶ DTSC 1302 _____ STAT 1222 _____ Calculus (*) _____ Elective _____	▶ DTSC 2301 _____ ▶ DTSC 2302 _____ STAT 2223 _____ ITSC 1213 _____ Discrete Math (**) _____
Summer	ITSC 2214	
Second Year	Fall	Spring
	▶ DTSC 3601 _____ ▶ DTSC 3602 _____ STAT 3160 _____ ITCS 3162 _____ Elective _____	▶ DTSC 4301 _____ ▶ DTSC 4302 _____ ITCS 3160 _____ MATH 2164 _____ 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 5 semesters, you must satisfy all of the following:

- Transfer in at least 41 credits
- Be eligible to take calculus in your first semester at UNC Charlotte

First Year	Fall	Spring
	_____ _____ _____ _____	STAT 1222 _____ Calculus (*) _____ 1501/1502/1511/1512 course _____ Elective _____ Elective
Second Year	Fall	Spring
	▶ DTSC 1301 _____ ▶ DTSC 1302 _____ STAT 2223 _____ MATH 2164 _____ 1501/1502/1511/1512 course	▶ DTSC 2301 _____ ▶ DTSC 2302 _____ ITSC 1213 _____ Discrete Math (**) _____ CTCM 2530
Summer	ITSC 2214	
Third Year	Fall	Spring
	▶ DTSC 3601 _____ ▶ DTSC 3602 _____ STAT 3160 _____ ITCS 3162 _____ 1501/1502/1511/1512 course	▶ DTSC 4301 _____ ▶ DTSC 4302 _____ ITCS 3160 _____ 1501/1502/1511/1512 course _____ 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 first)

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