

Tar Heel Tracker

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Program	Requirement
Undergraduate Career	Term
AS Bachelor of Science Program	2020 Fall
Computer Science (BS) Major	2020 Fall
Mathematics (BS) Second Major	2020 Fall
Mathematics Option	2021 Fall

Degree Requirement Stats				
Requirement	Required	Completed	Remaining	In Progress
Minimum Cumulative Grade Point	2.000	3.878		
Minimum Degree Hours	122	143	0	0
Minimum 45 Hours at UNC	45	87	0	0

* Remaining hours does not include in-progress hours

The Tar Heel Tracker is a useful tool for academic planning. It can NOT be used as a confirmation of remaining degree requirements. Arts and Sciences students must meet with an academic advisor to discuss progress toward their degree; students in other schools should meet with their school / departmental advisor.

Catalog Year 2020-2021 (Expand for Important Advisement Report Information)

Satisfied: Global Limits

Satisfied: Degree Requirements

You are following the "Making Connections" Undergraduate Gen. Educ Curriculum

Satisfied: Foundations

Satisfied: English Composition and Rhetoric (CR)

△ Satisfied: ENGL 105/105I

· Courses: 1 required, 1 taken, 0 needed

ENGL	105	ENG COMP & RHETORIC	3.00	2020 Fall	TR
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Satisfied: Foreign Language

△ Satisfied: Foreign Language Level 3 or Higher

· Courses: 1 required, 1 taken, 0 needed

CHIN	212	INTERMED WRIT CHIN	3.00	2022 SumII	A-
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Satisfied: Quantitative Reasoning (QR)

△ Satisfied: Quantitative Reasoning (QR)

· Courses: 1 required, 1 taken, 0 needed

MATH	231	CALC FUNC ONE VAR I	4.00	2020 Fall	TR
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△ Satisfied: Lifetime Fitness (LFIT)

· Courses: 1 required, 1 taken, 0 needed

LFIT	103	LIFE FITNESS: AEROBICS	1.00	2021 Spr	A
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Satisfied: Approaches

Satisfied: Physical and Life Sciences: PX

△ Satisfied: Physical and Life Sciences: PX (Single Course)

· Courses: 1 required, 1 taken, 0 needed

PHYS	114	GENERAL PHYSICS I	4.00	2022 SumII	A
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Satisfied: Physical and Life Sciences: PL/PX

△ Satisfied: Physical & Life Sciences PL/PX

· Courses: 1 required, 1 taken, 0 needed

PHYS	116	MECHANICS	4.00	2020 Fall	TR
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Satisfied: Social and Behavioral Sciences

△ Satisfied: Historical Analysis Course (HS)

· Courses: 1 required, 1 taken, 0 needed

HIST	127	AM HIST TO 1865	3.00	2020 Fall	TR
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△ Satisfied: Social and Behavioral Science Course (HS/SS)

· Courses: 1 required, 1 taken, 0 needed

HIST	128	AM HIST SINCE 1865	3.00	2020 Fall	TR
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△ Satisfied: Social and Behavioral Science or Historical Analysis Course One NCCC

· Courses: 1 required, 1 taken, 0 needed

TREQ	714	NC COMM COLL TRN HR 2014	4.00	2020 Fall	TR
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Satisfied: Humanities and Fine Arts

△ Satisfied: Philosophical and Moral Reasoning (PH) NCCC

· Courses: 1 required, 1 taken, 0 needed

TREQ	714	NC COMM COLL TRN HR 2014	4.00	2020 Fall	TR
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△ Satisfied: Literary Arts (LA)

· Courses: 1 required, 1 taken, 0 needed

ENGL	121	BRITLIT, 19TH/EARLY 20TH	3.00	2020 Fall	TR
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△ Satisfied: Visual & Performing Arts (VP) NCCC

· Courses: 1 required, 1 taken, 0 needed

TREQ	714	NC COMM COLL TRN HR 2014	4.00	2020 Fall	TR
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Satisfied: Connections

△ Satisfied: Communication Intensive (CI)

· Courses: 1 required, 5 taken, 0 needed

BIOL	101L	INTRO BIOLOGY LAB	1.00	2020 Fall	TR
COMM	113	PUBLIC SPEAKING	3.00	2020 Fall	TR
ENGL	121	BRITLIT, 19TH/EARLY 20TH	3.00	2020 Fall	TR
TREQ	714	NC COMM COLL TRN HR 2014	4.00	2020 Fall	TR
COMP	523	SOFTWARE ENGRNG LAB	4.00	2023 Spr	A

△ Satisfied: Quantitative Intensive (QI) or 2nd Quantitative Reasoning (QR)

· **Courses:** 1 required, 13 taken, 0 needed

MATH	130	PRECALCULUS MATH	3.00	2020 Fall	TR
MATH	232	CAL FUNC ONE VAR II	4.00	2020 Fall	TR
TREQ	714	NC COMM COLL TRN HR 2014	4.00	2020 Fall	TR
COMP	110	INTRO PROGRAMMING	3.00	2020 Fall	A
MATH	233	MULTI VARI CALC I	4.00	2020 Fall	A
MATH	381	DISCRETE MATH	3.00	2020 Fall	A
MATH	347	LINEAR ALGEBRA FOR APPL	3.00	2021 Spr	A
MATH	383	1ST COURSE DIFF EQUATION	3.00	2021 Spr	A-
MATH	521	ADVANCED CALCULUS I	3.00	2021 Fall	C-
MATH	548	COMB MATH	3.00	2022 Spr	A
MATH	566	NUMERICAL ANALYSIS	3.00	2022 Sum I	A
PHYS	114	GENERAL PHYSICS I	4.00	2022 SumII	A
MATH	533	ELEM THRY NUMBERS	3.00	2022 Fall	A-

△ **Satisfied: [Experiential Education \(EE\)](#)**

· **Courses:** 1 required, 2 taken, 0 needed

TREQ	714	NC COMM COLL TRN HR 2014	4.00	2020 Fall	TR
COMP	523	SOFTWARE ENGRNG LAB	4.00	2023 Spr	A

△ **Satisfied: [U.S. Diversity \(US\)](#)**

· **Courses:** 1 required, 2 taken, 0 needed

HIST	127	AM HIST TO 1865	3.00	2020 Fall	TR
TREQ	714	NC COMM COLL TRN HR 2014	4.00	2020 Fall	TR

△ **Satisfied: [North Atlantic World \(NA\)](#)**

· **Courses:** 1 required, 5 taken, 0 needed

ENGL	121	BRITLIT, 19TH/EARLY 20TH	3.00	2020 Fall	TR
ENGL	128	MAJOR AM AUTHORS	3.00	2020 Fall	TR
HIST	127	AM HIST TO 1865	3.00	2020 Fall	TR
HIST	128	AM HIST SINCE 1865	3.00	2020 Fall	TR
TREQ	714	NC COMM COLL TRN HR 2014	4.00	2020 Fall	TR

△ **Satisfied: [Beyond the North Atlantic World \(BN\)](#)**

· **Courses:** 1 required, 1 taken, 0 needed

TREQ	714	NC COMM COLL TRN HR 2014	4.00	2020 Fall	TR
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△ **Satisfied: [World Before 1750 \(WB\)](#)**

· **Courses:** 1 required, 1 taken, 0 needed

TREQ	714	NC COMM COLL TRN HR 2014	4.00	2020 Fall	TR
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△ **Satisfied: [Global Issues \(GL\)](#)**

· **Courses:** 1 required, 1 taken, 0 needed

TREQ	714	NC COMM COLL TRN HR 2014	4.00	2020 Fall	TR
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Electives

△ **Electives**

BIOL	279L	TOPICS IN ORGANISMAL BIOL LAB	1.00	2020 Fall	TR
CHEM	101L	QUANT CHEM LAB I	1.00	2020 Fall	TR
COMM	113	PUBLIC SPEAKING	3.00	2020 Fall	TR
ENGL	100	BASIC WRITING	3.00	2020 Fall	TR
ENGL	128	MAJOR AM AUTHORS	3.00	2020 Fall	TR
GENR	----	GENR GENERAL ELECTIVE	1.00	2020 Fall	TR
MATH	----	MATH GENERAL ELECTIVE	1.00	2020 Fall	TR
MATH	110P	ALGEBRA	0.00	2020 Fall	BE
MATH	129P	PRECALCULUS MATHEMATICS	0.00	2020 Fall	BE
MATH	130	PRECALCULUS MATH	3.00	2020 Fall	TR
PSYC	101	GENERAL PSYCHOLOGY	3.00	2020 Fall	TR
TREQ	714	NC COMM COLL TRN HR 2014	4.00	2020 Fall	TR
SPHG	101	EXPLORING PUBLIC HEALTH FIELDS	1.00	2020 Fall	PS
EDUC	101	FIRST YEAR THRIVING	2.00	2020 Fall	A
MATH	383L	DIFFERENTIAL EQUATIONS LAB	1.00	2021 Spr	A

COMP	426	MODERN WEB PROGRAMMING	3.00	2023 Spr	A
COMP	730	OPERATING SYSTEMS	3.00	2023 Spr	A

Satisfied: Major: Computer Science (BS)

Satisfied: Major Requirements

△ **Satisfied: [COMP 210](#)**

· **Courses:** 1 required, 1 taken, 0 needed

COMP	210	ANALYSIS OF DATA STRUCTURE	3.00	2021 Spr	A
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△ **Satisfied: [COMP 211](#)**

· **Courses:** 1 required, 1 taken, 0 needed

COMP	211	SYSTEM PROGRAMMING FUNDAMENTAL	3.00	2021 Fall	A
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△ **Satisfied: [COMP 301](#)**

· **Courses:** 1 required, 1 taken, 0 needed

COMP	301	STRUCTURE/ORGANIZE OWN CODE	3.00	2021 Fall	A
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△ **Satisfied: [COMP 311](#)**

COMP	311	COMPUTER ORGANIZATION	3.00	2022 Spr	A
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△ **Satisfied: [COMP 283 or MATH 381](#)**

· **Courses:** 1 required, 1 taken, 0 needed

MATH	381	DISCRETE MATH	3.00	2020 Fall	A
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△ **Satisfied: [COMP 455](#)**

· **Courses:** 1 required, 1 taken, 0 needed

COMP	455	MODELS: LANGS/COMPN	3.00	2021 Spr	A
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△ **Satisfied: [COMP 550](#)**

· **Courses:** 1 required, 1 taken, 0 needed

COMP	550	ALGRTHMS & ANALYSIS	3.00	2022 Spr	A
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△ **Satisfied: [Additional COMP Courses](#)**

· **Courses:** 5 required, 5 taken, 0 needed

COMP	447	QUANTUM COMPUTING	3.00	2021 Fall	A-
COMP	421	FILES AND DATABASES	3.00	2022 Fall	A
COMP	530	OPERATING SYSTEMS	3.00	2022 Fall	A
COMP	541	DIGITAL LOGIC	4.00	2022 Fall	A
COMP	523	SOFTWARE ENGRNG LAB	4.00	2023 Spr	A

Satisfied: University Requirements for Majors

△ **Satisfied: [A Cumulative GPA of at least 2.000 is Required in the Major](#)**

· **GPA:** 2.000 required, 3.976 actual

MATH	381	DISCRETE MATH	3.00	2020 Fall	A
COMP	210	ANALYSIS OF DATA STRUCTURE	3.00	2021 Spr	A
COMP	455	MODELS: LANGS/COMPN	3.00	2021 Spr	A
COMP	211	SYSTEM PROGRAMMING FUNDAMENTAL	3.00	2021 Fall	A
COMP	301	STRUCTURE/ORGANIZE OWN CODE	3.00	2021 Fall	A
COMP	447	QUANTUM COMPUTING	3.00	2021 Fall	A-
COMP	311	COMPUTER ORGANIZATION	3.00	2022 Spr	A
COMP	550	ALGRTHMS & ANALYSIS	3.00	2022 Spr	A
COMP	421	FILES AND DATABASES	3.00	2022 Fall	A
COMP	530	OPERATING SYSTEMS	3.00	2022 Fall	A
COMP	541	DIGITAL LOGIC	4.00	2022 Fall	A
COMP	523	SOFTWARE ENGRNG LAB	4.00	2023 Spr	A

Satisfied: Additional: Computer Science (BS)

Satisfied: [Mathematics Courses](#) (5 Courses Required)

△ Satisfied: [MATH 231](#)

· Courses: 1 required, 1 taken, 0 needed

MATH	231	CALC FUNC ONE VAR I	4.00	2020 Fall	TR
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△ Satisfied: [MATH 232](#)

· Courses: 1 required, 1 taken, 0 needed

MATH	232	CAL FUNC ONE VAR II	4.00	2020 Fall	TR
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△ Satisfied: [MATH 233](#)

· Courses: 1 required, 1 taken, 0 needed

MATH	233	MULTI VARI CALC I	4.00	2020 Fall	A
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△ Satisfied: [MATH 347 or 577](#)

· Courses: 1 required, 1 taken, 0 needed

MATH	347	LINEAR ALGEBRA FOR APPL	3.00	2021 Spr	A
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△ Satisfied: [STOR 435](#)

· Courses: 1 required, 1 taken, 0 needed

STOR	535	PROBABILITY FOR DATA SCIENCE	3.00	2022 Spr	A
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STOR 535 has been directed to this line.

Per KMP allow this course to replace this requirement. (000043515)

Satisfied: [Science Courses](#)

△ Satisfied: [PHYS 116](#)

· Courses: 1 required, 1 taken, 0 needed

PHYS	116	MECHANICS	4.00	2020 Fall	TR
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△ Satisfied: [Option 1: BIOL 101/101L](#)

· Courses: 2 required, 2 taken, 0 needed

BIOL	101	PRINCIPLES OF BIOL	3.00	2020 Fall	TR
BIOL	101L	INTRO BIOLOGY LAB	1.00	2020 Fall	TR

Satisfied: Major: Mathematics (BS)

Satisfied: [Major Courses](#)

△ Satisfied: [COMP 116, 110, or MATH 565](#)

· Courses: 1 required, 1 taken, 0 needed

COMP	110	INTRO PROGRAMMING	3.00	2020 Fall	A
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△ Satisfied: [MATH 381](#)

· Courses: 1 required, 1 taken, 0 needed

MATH	381	DISCRETE MATH	3.00	2020 Fall	A
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△ Satisfied: [MATH 383](#)

· Courses: 1 required, 1 taken, 0 needed

MATH	383	1ST COURSE DIFF EQUATION	3.00	2021 Spr	A-
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△ Satisfied: [MATH 521](#)

· Courses: 1 required, 1 taken, 0 needed

MATH	521	ADVANCED CALCULUS I	3.00	2021 Fall	C-
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△ Satisfied: [MATH 522, 523, 528, or 566](#)

· Courses: 1 required, 1 taken, 0 needed

MATH	566	NUMERICAL ANALYSIS	3.00	2022 Sum I	A
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△ Satisfied: [MATH 533, 534, 578, or 548](#)

· Courses: 1 required, 1 taken, 0 needed

MATH	548	COMB MATH	3.00	2022 Spr	A
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△ Satisfied: [MATH 547 or 577](#)

· Courses: 1 required, 1 taken, 0 needed

MATH	347	LINEAR ALGEBRA FOR APPL	3.00	2021 Spr	A
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△ Satisfied: [Major Electives](#)

· Courses: 3 required, 3 taken, 0 needed

MATH	533	ELEM THRY NUMBERS	3.00	2022 Fall	A-
MATH	662	SCIENTIF COMPUTATION II	3.00	2023 Spr	A
STOR	535	PROBABILITY FOR DATA SCIENCE	3.00	2022 Spr	A

STOR 535 has been directed to this line.

david20220511150342; STOR 535 is an improved version of STOR 435 = MATH 535. For some reason Fall 2020 did not work as the requirement term. The RQ menu was empty for the Math+Applied math option. (000043542)

Satisfied: [University Requirements for Majors](#)

△ Satisfied: [A Cumulative GPA of at Least 2.000 is Required in Major Courses](#)

· GPA: 2.000 required, 3.710 actual

COMP	110	INTRO PROGRAMMING	3.00	2020 Fall	A
MATH	381	DISCRETE MATH	3.00	2020 Fall	A
MATH	347	LINEAR ALGEBRA FOR APPL	3.00	2021 Spr	A
MATH	383	1ST COURSE DIFF EQUATION	3.00	2021 Spr	A-
MATH	521	ADVANCED CALCULUS I	3.00	2021 Fall	C-
MATH	548	COMB MATH	3.00	2022 Spr	A
STOR	535	PROBABILITY FOR DATA SCIENCE	3.00	2022 Spr	A
MATH	566	NUMERICAL ANALYSIS	3.00	2022 Sum I	A
MATH	533	ELEM THRY NUMBERS	3.00	2022 Fall	A-
MATH	662	SCIENTIF COMPUTATION II	3.00	2023 Spr	A

△ Satisfied: [Course Check: Overlap Check. Expand to See Shared Major Courses](#)

· Units: 3.00 taken

· Courses: 1 taken

MATH	381	DISCRETE MATH	3.00	2020 Fall	A
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Satisfied: Additional: Mathematics (BS)

Satisfied: [Additional Requirements](#)

△ Satisfied: [MATH 231](#)

· Courses: 1 required, 1 taken, 0 needed

MATH	231	CALC FUNC ONE VAR I	4.00	2020 Fall	TR
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△ Satisfied: [MATH 232](#)

· Courses: 1 required, 1 taken, 0 needed

MATH	232	CAL FUNC ONE VAR II	4.00	2020 Fall	TR
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△ Satisfied: [MATH 233](#)

· **Courses:** 1 required, 1 taken, 0 needed

MATH	233	MULTI VARI CALC I	4.00	2020 Fall	A
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△ **Satisfied:** [PHYS 114](#)

· **Courses:** 1 required, 1 taken, 0 needed

PHYS	114	GENERAL PHYSICS I	4.00	2022 SumII	A
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△ **Satisfied:** [Four Non-Mathematical Natural Science Courses](#)

· **Courses:** 4 required, 4 taken, 0 needed

BIOL	101	PRINCIPLES OF BIOL	3.00	2020 Fall	TR
BIOL	279	SEMINAR IN ORGANISMAL BIOLOGY	3.00	2020 Fall	TR
CHEM	101	GEN DESCRIP CHEM I	3.00	2020 Fall	TR
EXSS	141	PERSONAL HEALTH	3.00	2020 Fall	TR