Tar Heel Tracker

Jesse Wei 14-MAY-23 07:31 PM

Program

Undergraduate Career AS Bachelor of Science Program Computer Science (BS) Major Mathematics (BS) Second Major Mathematics Option

Requirement Term 2020 Fall 2020 Fall 2020 Fall

2021 Fall

BIOL COMM

ENGL

TREQ

COMP

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

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.

Satisfie	ed: Global L	imits			
Satiefia	d Deares I	Requirements			
Jansiic	a. Degree i	ricquirements			
		g the "Making Connections'	' Undergra	aduate Gen	. Educ
Curric	ulum				
Satisfie	ed: Foundat	ions			
Satisf	ied: English	Composition and Rhetoric (CF	2)		
		•	'/		
Δ	_	ENGL 105/105I required, 1 taken, 0 needed			
ENGL	105	ENG COMP & RHETORIC	3.00	2020 Fall	TR
Satisf	ied: Foreign	Language			
		Foreign Language Level 3 or Hi	aher		
		required, 1 taken, 0 needed	gilei		
CHIN	212	INTERMED WRIT CHIN	3.00	2022 SumII	A-
Satisf	ied: Quantita	ative Reasoning (QR)			
Δ	Satisfied:	Quantitative Reasoning (QR)			
		required, 1 taken, 0 needed			
MATH	231	CALC FUNC ONE VAR I	4.00	2020 Fall	TR
Δ	_	<u>lifetime Fitness (LFIT)</u>			
	· Courses: 1	required, 1 taken, 0 needed			
LFIT	103	LIFE FITNESS: AEROBICS	1.00	2021 Spr	Α
Satisfie	ed: Approac	hes			
Satisf	iod: Physics	Il and Life Sciences: PX			
Sausi	ieu. Pilysica	ii and Life Sciences: PX			
Δ		Physical and Life Sciences: PX	(Single Co	<u>urse)</u>	
DUVE		required, 1 taken, 0 needed GENERAL PHYSICS I	4.00	2022 Sum!	^
PHYS	114	GENERAL PHYSICS I	4.00	2022 SumII	Α

Sati	sfied: Physic	cal and Life Sciences: PL/P	X						
	∧ Satisfied:	Physical & Life Sciences F	PI /PY						
		1 required, 1 taken, 0 needed	<u> Di X</u>						
PHYS	116	MECHANICS	4.00	2020 Fall	TR				
Satisfied: Social and Behavioral Sciences									
	∆ Satisfied:	Historical Analysis Course	e (HS)						
		1 required, 1 taken, 0 needed							
HIST	127	AM HIST TO 1865	3.00	2020 Fall	TR				
	∆ Satisfied:	Social and Behavioral Scient	ence Course (H	S/SS)					
	· Courses:	1 required, 1 taken, 0 needed	-	-					
HIST	128	AM HIST SINCE 1865	3.00	2020 Fall	TR				
	∆ Satisfied:	Social and Behavioral Scient	ence or Historic	al Analysis	S Course One				
	NCCC								
	· Courses:	1 required, 1 taken, 0 needed							
TREQ	714	NC COMM COLL TRN HR 2014	4.00	2020 Fall	TR				
Sati	Satisfied: Humanities and Fine Arts								
	∆ Satisfied:	Philosophical and Moral R	Reasoning (PH)	NCCC					
	· Courses:	1 required, 1 taken, 0 needed							
TREQ	714	NC COMM COLL TRN HR 2014	4.00	2020 Fall	TR				
	Δ Satisfied:	Literary Arts (LA)							
	· Courses:	1 required, 1 taken, 0 needed							
ENGL	121	BRITLIT, 19TH/EARLY 20TH	3.00	2020 Fall	TR				
		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				
Satisfied: Connections									
	A Catladia de	Communication Intervalue	(61)						
	∆ Satisfied:	Communication Intensive	(CI)						

· Courses: 1 required, 5 taken, 0 needed

101L

113

121

714

INTRO BIOLOGY LAB PUBLIC SPEAKING

BRITLIT, 19TH/EARLY 20TH

SOFTWARE ENGRNG LAB

NC COMM COLL TRN HR 2014

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

TR TR

TR TR

1.00

3.00

3.00

4.00

4.00

2020 Fall 2020 Fall

2020 Fall

2020 Fall

2023 Spr

^{*} Remaining hours does not include in-progress hours

	· Courses: 1 re	equired, 13 taken, 0 needed				COMP COMP	426 730	MODERN WEB PROGRAMMING OPERATING SYSTEMS	3.00 3.00	2023 Spr 2023 Spr	A A
MATH MATH TREQ COMP	130 232 714 110	PRECALCULUS MATH CAL FUNC ONE VAR II NC COMM COLL TRIN HR 2014 INTRO PROGRAMMING	3.00 4.00 4.00 3.00	2020 Fall 2020 Fall 2020 Fall 2020 Fall	TR TR TR A		<u>, </u>	Computer Science (BS)			
MATH MATH MATH MATH MATH	233 381 347 383 521	MULTI VARI CALC I DISCRETE MATH LINEAR ALGEBRA FOR APPL 1ST COURSE DIFF EQUATION ADVANCED CALCULUS I	4.00 3.00 3.00 3.00 3.00	2020 Fall 2020 Fall 2021 Spr 2021 Spr 2021 Fall	A A A- C-		∆ Satisfied: €	COMP 210 required, 1 taken, 0 needed			
MATH MATH PHYS MATH	548 566 114 533	COMB MATH NUMERICAL ANALYSIS GENERAL PHYSICS I ELEM THRY NUMBERS	3.00 3.00 4.00 3.00	2022 Spr 2022 Sum I 2022 SumII 2022 Fall	A A A	COMP	210 ∆ Satisfied:		3.00	2021 Spr	А
2		periential Education (EE) equired, 2 taken, 0 needed				COMP	· Courses: 1	required, 1 taken, 0 needed SYSTEM PROGRAMMING FUNDAMENTAL	3.00	2021 Fall	A
TREQ COMP	714 523	NC COMM COLL TRN HR 2014 SOFTWARE ENGRNG LAB	4.00 4.00	2020 Fall 2023 Spr	TR A		∆ Satisfied: €	COMP 301 required, 1 taken, 0 needed			
1		S. Diversity (US) equired, 2 taken, 0 needed				COMP	301	STRUCTURE/ORGANIZE OWN CODE	3.00	2021 Fall	Α
HIST TREQ	127 714	AM HIST TO 1865 NC COMM COLL TRN HR 2014	3.00 4.00	2020 Fall 2020 Fall	TR TR	COMP	∆ Satisfied: 311	COMP 311 COMPUTER ORGANIZATION	3.00	2022 Spr	A
1		orth Atlantic World (NA) equired, 5 taken, 0 needed					_	COMP 283 or MATH 381 required, 1 taken, 0 needed			
ENGL ENGL HIST HIST TREQ	121 128 127 128 714	BRITLIT, 19TH/EARLY 20TH MAJOR AM AUTHORS AM HIST TO 1865 AM HIST SINCE 1865 NC COMM COLL TRN HR 2014	3.00 3.00 3.00 3.00 4.00	2020 Fall 2020 Fall 2020 Fall 2020 Fall 2020 Fall	TR TR TR TR TR	MATH	381 ∆ Satisfied: · Courses: 1	DISCRETE MATH COMP 455 required, 1 taken, 0 needed	3.00	2020 Fall	Α
1		eyond the North Atlantic World (equired, 1 taken, 0 needed	(<u>BN)</u>			COMP	⁴⁵⁵ ∆ Satisfied: (MODELS: LANGS/COMPN	3.00	2021 Spr	Α
TREQ	714	NC COMM COLL TRN HR 2014	4.00	2020 Fall	TR		· Courses: 1	required, 1 taken, 0 needed			
1		orld Before 1750 (WB) equired, 1 taken, 0 needed				COMP	_	ALGRTHMS & ANALYSIS Additional COMP Courses	3.00	2022 Spr	А
TREQ	714 ∆ Satisfied: GI	NC COMM COLL TRN HR 2014 obal Issues (GL)	4.00	2020 Fall	TR	COMP COMP	· Courses: 5	required, 5 taken, 0 needed QUANTUM COMPUTING FILES AND DATABASES	3.00 3.00	2021 Fall 2022 Fall	A- A
TREQ	· Courses: 1 rd	equired, 1 taken, 0 needed NC COMM COLL TRN HR 2014	4.00	2020 Fall	TR	COMP COMP COMP	530 541 523	OPERATING SYSTEMS DIGITAL LOGIC SOFTWARE ENGRNG LAB	3.00 4.00 4.00	2022 Fall 2022 Fall 2023 Spr	A A A
Electi	ves					Satis	fied: Univers	ity Requirements for Majors			
1	∆ <u>Electives</u>							A Cumulative GPA of at least 2.00 D required, 3.976 actual	00 is Req	uired in the	<u>e Major</u>
BIOL CHEM COMM ENGL ENGL ENGL GENR MATH MATH MATH MATH PSYC TREQ SPHG EDUC MATH	279L 101L 113 100 128 110P 129P 130 101 714 101 101 383L	TOPICS IN ORGANISMAL BIOL LAB QUANT CHEM LAB I PUBLIC SPEAKING BASIC WRITING MAJOR AM AUTHORS GENR GENERAL ELECTIVE MATH GENERAL ELECTIVE ALGEBRA PRECALCULUS MATHEMATICS PRECALCULUS MATH GENERAL PSYCHOLOGY NC COMM COLL TRN HR 2014 EXPLORING PUBLIC HEALTH FIELDS FIRST YEAR THRIVING DIFFERENTIAL EQUATIONS LAB	1.00 1.00 3.00 3.00 3.00 1.00 0.00 0.00	2020 Fall 2020 Fall	TR TR TR TR TR TR TR TR TR BE BE TR TR TR A	MATH COMP COMP COMP COMP COMP COMP COMP COMP	381 210 455 211 301 447 311 550 421 530 541 523	DISCRETE MATH ANALYSIS OF DATA STRUCTURE MODELS: LANGS/COMPN SYSTEM PROGRAMMING FUNDAMENTAL STRUCTURE/ORGANIZE OWN CODE QUANTUM COMPUTING COMPUTER ORGANIZATION ALGRITHMS & ANALYSIS FILES AND DATABASES OPERATING SYSTEMS DIGITAL LOGIC SOFTWARE ENGRNG LAB	3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	2020 Fall 2021 Spr 2021 Spr 2021 Fall 2021 Fall 2021 Fall 2022 Spr 2022 Spr 2022 Fall 2022 Fall 2022 Fall 2022 Fall 2023 Spr	A A A A A A A A
						Satisf	ied: Additior	nal: Computer Science (BS)			

Catio	fied. Mathematics Courses (5.0				MATH	521	ADVANCED CALCULUS I	3.00	2021 Fall	C-
	fied: Mathematics Courses (5 Courses Required)				_	_	IATH 522, 523, 528, or 566 required, 1 taken, 0 needed			
•	· Courses: 1 required, 1 taken, 0 needed				MATH	566	NUMERICAL ANALYSIS	3.00	2022 Sum I	Α
MATH	231 CALC FUNC ONE VAR I	4.00	2020 Fall	TR		∆ Satisfied: M	IATH 533, 534, 578, or 548			
4	Δ Satisfied: MATH 232					· Courses: 1	required, 1 taken, 0 needed			
	· Courses: 1 required, 1 taken, 0 needed				MATH	548	COMB MATH	3.00	2022 Spr	Α
MATH	232 CAL FUNC ONE VAR II	4.00	2020 Fall	TR			IATH 547 or 577			
4	Δ Satisfied: MATH 233					· Courses: 1	required, 1 taken, 0 needed			
	· Courses: 1 required, 1 taken, 0 needed				MATH	347	LINEAR ALGEBRA FOR APPL	3.00	2021 Spr	Α
MATH	233 MULTI VARI CALC I	4.00	2020 Fall	Α			lajor Electives			
4	Δ Satisfied: MATH 347 or 577					· Courses: 3	required, 3 taken, 0 needed			
	· Courses: 1 required, 1 taken, 0 needed				MATH MATH	533 662	ELEM THRY NUMBERS SCIENTIF COMPUTATION II	3.00 3.00	2022 Fall 2023 Spr	A- A
MATH	347 LINEAR ALGEBRA FOR APPL	3.00	2021 Spr	Α	STOR	535	PROBABILITY FOR DATA SCIENCE	3.00	2023 Spr 2022 Spr	Ä
A	△ Satisfied: STOR 435 · Courses: 1 required, 1 taken, 0 needed				da	vid2022051115034	n directed to this line. 12; STOR 535 is an improved version of STO			
STOR	535 PROBABILITY FOR DATA SCIENCE	3.00	2022 Spr	Α		20 did not work as 00043542)	the requirement term. The RQ menu was e	mpty for the I	Math+Applied m	nath option.
	OR 535 has been directed to this line.	E \					ity Requirements for Majors			
	r KMP allow this course to replace this requirement. (00004351	5)			<u> </u>	∧ Satisfied: A	Cumulative GPA of at Least 2.0	000 is Rec	uired in Ma	aior Courses
Satis	fied: Science Courses				_		required, 3.710 actual		,	,
	∆ Satisfied: PHYS 116				COMP	110	INTRO PROGRAMMING	3.00	2020 Fall	Α
	· Courses: 1 required, 1 taken, 0 needed				MATH MATH	381 347	DISCRETE MATH LINEAR ALGEBRA FOR APPL	3.00 3.00	2020 Fall 2021 Spr	A A
PHYS	116 MECHANICS	4.00	2020 Fall	TR	MATH	383	1ST COURSE DIFF EQUATION	3.00	2021 Spr	A-
	A CARLO A CARLO A DIOL ANAMANI				MATH MATH	521 548	ADVANCED CALCULUS I COMB MATH	3.00 3.00	2021 Fall 2022 Spr	C- A
4	∆ Satisfied: Option 1: BIOL 101/101L				STOR	535	PROBABILITY FOR DATA SCIENCE	3.00	2022 Spr	A
	· Courses: 2 required, 2 taken, 0 needed				MATH MATH	566 533	NUMERICAL ANALYSIS ELEM THRY NUMBERS	3.00 3.00	2022 Sum I 2022 Fall	A A-
BIOL	101 PRINCIPLES OF BIOL	3.00	2020 Fall	TR	MATH	662	SCIENTIF COMPUTATION II	3.00	2023 Spr	Ä
BIOL	101L INTRO BIOLOGY LAB	1.00	2020 Fall	TR	_	∧ Satisfied: C	ourse Check: Overlap Check. E	Expand to	See Share	d Maior
Satisfic	ed: Major: Mathematics (BS)					Courses				<u> </u>
					=	· Units: 3.00	taken			
Satis	fied: Major Courses				_	· Courses: 1	taken			
	△ Satisfied: COMP 116, 110, or MATH 565 · Courses: 1 required, 1 taken, 0 needed				MATH	381	DISCRETE MATH	3.00	2020 Fall	Α
COMP	110 INTRO PROGRAMMING	3.00	2020 Fall	Α	Satisfi	ied: Addition	al: Mathematics (BS)			
	∧ Satisfied: MATH 381				Satis	fied: Addition	nal Requirements			
•	· Courses: 1 required, 1 taken, 0 needed						•			
MATIL		0.00	0000 5-11	٨		△ Satisfied: M				
MATH	381 DISCRETE MATH	3.00	2020 Fall	А			required, 1 taken, 0 needed			
4	∆ Satisfied: MATH 383				MATH	231	CALC FUNC ONE VAR I	4.00	2020 Fall	TR
	· Courses: 1 required, 1 taken, 0 needed					△ Satisfied: M	IATH 232			
MATH	383 1ST COURSE DIFF EQUATION	3.00	2021 Spr	A-			required, 1 taken, 0 needed			
ı	∆ Satisfied: MATH 521				MATH	232	CAL FUNC ONE VAR II	4.00	2020 Fall	TR
	· Courses: 1 required, 1 taken, 0 needed					△ Satisfied: M	IATH 233			

	· Courses: 1	required, 1 taken, 0 needed							
MATH	233	MULTI VARI CALC I	4.00	2020 Fall	Α				
	△ Satisfied: F · Courses: 1	PHYS 114 required, 1 taken, 0 needed							
PHYS	114	GENERAL PHYSICS I	4.00	2022 SumII	Α				
△ Satisfied: Four Non-Mathematical Natural Science Courses · Courses: 4 required, 4 taken, 0 needed									
BIOL BIOL CHEM EXSS	101 279 101 141	PRINCIPLES OF BIOL SEMINAR IN ORGANISMAL BIOLOGY GEN DESCRIP CHEM I PERSONAL HEALTH	3.00 3.00 3.00 3.00	2020 Fall 2020 Fall 2020 Fall 2020 Fall	TR TR TR TR				