Tar Heel Tracker

Linxi Wu 730614640 05-JAN-25 11:59 PM

Program

Undergraduate Career
AS Bachelor of Science Program
Computer Science (BS) Major
Mathematics (BS) Second Major
Mathematics Option
Statistics and Analytics Minor Minor

Requirement Term 2022 Fall

Term 2022 Fall 2022 Fall 2022 Fall 2022 Fall

2022 Fall

Degree Requirement Stats									
Requirement	Required	Completed	Remaining	In Progress					
Minimum Cumulative Grade Point	2.000	3.913							
Minimum Degree Hours	122	119	3	15					
Minimum 45 Hours at UNC	45	85	0	15					

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

The Tar Heel Tracker is the official record of completion of requirements for graduation for students who entered UNC in fall 2009 or later. This PDF summary does not include all requirements; see the web-based report for a complete accounting of graduation requirements that apply to you.

Catalog Year 2022-2023	(Expand for Important	Advisement Report
Information)		

Satisfied: Global Limits

Satisfied: Degree Requirements

Not Satisfied: In-Progress Courses/Temporary Grades

△ Not Satisfied: In-Progress Courses

ANTH	149	GREAT DISCOVERIES IN ARCHAEOLO	3.00	2025 Spr
COMP	590	TOPICS COMPUTER SCI	3.00	2025 Spr
COMP	590	TOPICS COMPUTER SCI	3.00	2025 Spr
COMP	590	TOPICS COMPUTER SCI	3.00	2025 Spr
JAPN	162	JAPANESE POPULAR CULTURE	3.00	2025 Spr

Satisfied: You are following the "IDEAs in Action" General Education Curriculum

General Education Notices

Satisfied: First-Year Foundations

△ Satisfied: Data Literacy

Satisfied: Writing	at the Research University	(ENGL 105/105i)
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	_	Nriting at the Research Unive required, 1 taken, 0 needed	<u>rsity</u>		
ENGL	105	ENG COMP & RHETORIC	3.00	2022 Fall	Α
	_	College Thriving (IDST 101) required, 1 taken, 0 needed			
IDST	101	COLLEGE THRIVING	1.00	2022 Fall	PS
	_	First Year Seminar or Launch required, 1 taken, 0 needed			
COMM	89	FYS: SPECIAL TOPICS	3.00	2023 Spr	Α
	_	Friple-I: Ideas, Information, & required, 1 taken, 0 needed	<u>Inquiry</u>		
IDST	126	VALUES AND PRICES	3.00	2023 Spr	Α

	· Courses: 1							
IDST	126L	DATA LITERACY LAB	1.00	2023 Spr	Α			
Δ Satisfied: Global Language Level 3 or Higher Courses: 1 required, 1 taken, 0 needed								
GENR	203	GLOBAL LANGUAGE LEVEL 3	0.00	2022 Fall	PL			

Overall Requirement Not Satisfied: Focus Capacities

Over	ali Requirement Not Satisned. Focus Capac	เแษร		
MUGG	△ Satisfied: Aesthetic and Interpretive Analysis · Courses: 1 required, 1 taken, 0 needed	0.00	0004.0	
MUSC	121 FUND OF TONAL MUSIC I	3.00	2024 Spr	Α
	△ Not Satisfied: Creative Expression, Practice, a · Courses: 1 required, 0 taken, 1 needed	and Pro	<u>oduction</u>	
	△ Satisfied: Engagement with the Human Past · Courses: 1 required, 1 taken, 0 needed			
NUTR	175 INTRO TO FOOD STUDIES	3.00	2023 Fall	Α
	△ Satisfied: Ethical and Civic Values Courses: 1 required, 1 taken, 0 needed			
RELI	121 INTRO RELIGION & CULTURE	3.00	2023 Fall	Α
	△ Satisfied: Global Understanding and Engager Courses: 1 required, 1 taken, 0 needed			
ASIA	150 ASIA: AN INTRODUCTION	3.00	2022 Fall	Α
	△ Satisfied: Natural Scientific Investigation Courses: 1 required, 1 taken, 0 needed			
PHYS	114 GENERAL PHYSICS I	4.00	2022 Fall	BE
	△ Satisfied: Power, Difference, and Inequality · Courses: 1 required, 1 taken, 0 needed			
PLAN	101 INTRODUCTION TO URBAN STUDIES	3.00	2024 Spr	Α
	△ Satisfied: Quantitative Reasoning · Courses: 1 required, 1 taken, 0 needed			
MATH	231 CALC FUNC ONE VAR I	4.00	2022 Fall	BE
	△ Satisfied: Ways of Knowing · Courses: 1 required, 1 taken, 0 needed			
ECON	101 ECON: INTRO	4.00	2022 Fall	BE

Satisfi	ed: Empirica	Il Investigative Lab						COMP 311 (C or Higher)			
	_	mpirical Laboratory				COMP	· Courses:	1 required, 1 taken, 0 needed COMPUTER ORGANIZATION	3.00	2024 Spr	А
	· Courses: 1	required, 1 taken, 0 needed					∧ Satisfied:	COMP 283 or MATH 381 (C or High	ner)		
HYS	114	GENERAL PHYSICS I	4.00	2022 Fall	BE			1 required, 1 taken, 0 needed	<u>ici j</u>		
ot S	atisfied: Ref	lection and Integration				MATH	381	DISCRETE MATH	3.00	2022 Fall	В
	A Satisfied: D	Joseph and Discovery					△ Not Satisfi	ied: COMP 455			
		required, 1 taken, 0 needed					· Courses:	1 required, 0 taken, 1 needed			
OMP	495	MENTORED RESEARCH	3.00	2024 Fall	Α		Δ Satisfied:				
	∆ Not Satisfie	ed: High Impact Experience						1 required, 1 taken, 0 needed			
		required, 0 taken, 1 needed				COMP	550	ALGRTHMS & ANALYSIS	3.00	2024 Spr	Α
	∧ Not Satisfie	ed: Communication Beyond Card	lina					Additional COMP Courses			
		required, 0 taken, 1 needed						5 required, 5 taken, 0 needed			_
	∧ Satisfied: I	ifetime Fitness (LFIT)				COMP COMP	495 562	MENTORED RESEARCH INTRO MACHINE LEARNING	3.00 3.00	2024 Fall 2024 Fall	A A
		required, 1 taken, 0 needed				COMP COMP	590 590	TOPICS COMPUTER SCI TOPICS COMPUTER SCI	3.00 3.00	2025 Spr 2025 Spr	
FIT	106	LIFE FITNESS: BEG JOGGIN	1.00	2023 Spr	PS	COMP	590	TOPICS COMPUTER SCI	3.00	2025 Spr	
aticfi	ed: Disciplin	ary Distribution				Sati	sfied: Univers	sity Requirements for Majors			
Jation	ca. Discipiiii	ary Distribution					Δ Satisfied:	Major Courses In-Progress			
	∆ Satisfied: D	ivision of Humanities and Fine A	<u>rts</u>				· Courses: 3	3 taken			
	· Courses: 1	required, 1 taken, 0 needed				COMP COMP	590 590	TOPICS COMPUTER SCI TOPICS COMPUTER SCI	3.00 3.00	2025 Spr 2025 Spr	
MMO	89	FYS: SPECIAL TOPICS	3.00	2023 Spr	Α	COMP	590	TOPICS COMPUTER SCI	3.00	2025 Spr	
		vivision of Mathematics and Naturequired, 1 taken, 0 needed	ral Sciend	<u>ces</u>				A Cumulative GPA of at least 2.00 0 required, 3.875 actual	0 is Req	uired in th	<u>e Major</u>
ИАТН	231	CALC FUNC ONE VAR I	4.00	2022 Fall	BE	MATH	381	DISCRETE MATH	3.00	2022 Fall	В
	∆ Satisfied: D	Pivision of Social Sciences				COMP COMP	210 211	ANALYSIS OF DATA STRUCTURE SYSTEM PROGRAMMING FUNDAMENTAL	3.00 3.00	2023 Spr 2023 Fall	A A
	· Courses: 1	required, 1 taken, 0 needed				COMP COMP	301 311	STRUCTURE/ORGANIZE OWN CODE COMPUTER ORGANIZATION	3.00 3.00	2023 Fall 2024 Spr	A A
ECON	101	ECON: INTRO	4.00	2022 Fall	BE	COMP COMP	550 495	ALGRTHMS & ANALYSIS MENTORED RESEARCH	3.00 3.00	2024 Spr 2024 Fall	A A
Vot S	atisfied: Mai	or: Computer Science (BS)				COMP	562	INTRO MACHINE LEARNING	3.00	2024 Fall	Ä
						Satist	fied: Additio	nal: Computer Science (BS)			
Requ	uired Major C	ourses Fulfilling General Educat	ion Requi	rements			ofical Matter	notice Courses (5.2			
Ove	rall Requirer	<i>ment Not Satisfied:</i> Major Requ	irements			<u></u>		natics Courses (5 Courses Required)			
	∆ Satisfied: C	OMP 210 (C or Higher)					△ Satisfied:	MATH 231 1 required, 1 taken, 0 needed			
		required, 1 taken, 0 needed				MATH	231	CALC FUNC ONE VAR I	4.00	2022 Fall	BE
COMP	210	ANALYSIS OF DATA STRUCTURE	3.00	2023 Spr	Α	IVIATO			4.00	ZUZZ Fall	DE
	∆ Satisfied: C	OMP 211 (C or Higher)					△ Satisfied:	MATH 232 1 required, 1 taken, 0 needed			
		required, 1 taken, 0 needed				MAATU	232	CAL FUNC ONE VAR II	4.00	2022 Fall	DE
COMP	211	SYSTEM PROGRAMMING FUNDAMENTAL	3.00	2023 Fall	Α	MATH			4.00	2022 Fall	BE
		required, 1 taken, 0 needed					△ Satisfied: Courses:	MATH 233 1 required, 1 taken, 0 needed			
	Courses										
COMP	301	STRUCTURE/ORGANIZE OWN CODE	3.00	2023 Fall	Α	MATH	233	MULTI VARI CALC I	4.00	2022 Fall	Α

	· Courses: 1 required, 1 taken, 0 needed				· Courses: 3 required, 1 taken, 2 needed	
MATH	347 LINEAR ALGEBRA FOR APPL	3.00	2023 Spr	Α	STOR 435 INTRO TO PROBABIL 3.00 2023 Spr A	
	△ Satisfied: STOR 435 or 535	0.00	2020 0p.		Satisfied: University Requirements for Majors	
	· Courses: 1 required, 1 taken, 0 needed					
STOR	435 INTRO TO PROBABIL	3.00	2023 Spr	Α	Δ Satisfied: A Cumulative GPA of at Least 2.000 is Required in Major Co · GPA: 2.000 required, 3.700 actual	urses
Sati	sfied: Science Courses				COMP	
					MATH 381 DISCRETE MATH 3.00 2022 Fall B MATH 347 LINEAR ALGEBRA FOR APPL 3.00 2023 Spr A	
	△ Satisfied: CHEM 101 and 101L Courses: 2 required, 2 taken, 0 needed				STOR 435 INTRO TO PROBABIL 3.00 2023 Spr A	
CHEM	101 GEN DESCRIP CHEM I	3.00	2022 Fall	BE	MATH 521 ADVANCED CALCULUS I 3.00 2024 Spr B+	
CHEM	101L QUANT CHEM LAB I	1.00	2022 Fall	BE	MATH 548 COMB MATH 3.00 2024 Fall A MATH 566 NUMERICAL ANALYSIS 3.00 2024 Fall A	
	Δ Satisfied: CHEM 102 and 102L				△ Satisfied: Course Check: Overlap Check. Expand to See Shared Majo	r
	· Courses: 2 required, 2 taken, 0 needed				Courses	_
CHEM	102 GEN DESCRIP CHEM II 102L QUANT CHEM LAB II	3.00 1.00	2022 Fall 2022 Fall	BE BE	· Units: 3.00 taken	
			2022 1 4		· Courses: 1 taken	
Not S	Satisfied: Major: Mathematics (BS)				MATH 381 DISCRETE MATH 3.00 2022 Fall B	
Rec	quired Major Courses Fulfilling General Educa	ition Requ	irements		Satisfied: Additional: Mathematics (BS)	
Ove	erall Requirement Not Satisfied: Major Cou	irses			Satisfied: Additional Requirements	
	△ Satisfied: COMP 116, 110, or MATH 565				△ Satisfied: MATH 231	
	· Courses: 1 required, 1 taken, 0 needed				· Courses: 1 required, 1 taken, 0 needed	
COMP	110 INTRO PROGRAMMING	3.00	2022 Fall	B+	MATH 231 CALC FUNC ONE VAR I 4.00 2022 Fall BE	
	Δ Satisfied: MATH 381				△ Satisfied: MATH 232	
	· Courses: 1 required, 1 taken, 0 needed				· Courses: 1 required, 1 taken, 0 needed	
MATH	381 DISCRETE MATH	3.00	2022 Fall	В	MATH 232 CAL FUNC ONE VAR II 4.00 2022 Fall BE	
	∆ Satisfied: MATH 383				△ Satisfied: MATH 233	
	· Courses: 1 required, 1 taken, 0 needed				· Courses: 1 required, 1 taken, 0 needed	
MATH	383 1ST COURSE DIFF EQUATION	3.00	2023 Fall	Α	MATH 233 MULTI VARI CALC I 4.00 2022 Fall A	
	∆ Satisfied: MATH 521				△ Satisfied: PHYS 114 or PHYS 118 (Recommended)	
	· Courses: 1 required, 1 taken, 0 needed				· Courses: 1 required, 1 taken, 0 needed	
MATH	521 ADVANCED CALCULUS I	3.00	2024 Spr	B+	PHYS 114 GENERAL PHYSICS I 4.00 2022 Fall BE	
	∆ Satisfied: <u>MATH 522, 523, 528, or 566</u>				△ Satisfied: Four Non-Mathematical Natural Science Courses	
	· Courses: 1 required, 1 taken, 0 needed				· Courses: 4 required, 4 taken, 0 needed	
MATH	566 NUMERICAL ANALYSIS	3.00	2024 Fall	Α	CHEM 101 GEN DESCRIP CHEM I 3.00 2022 Fall BE CHEM 102 GEN DESCRIP CHEM II 3.00 2022 Fall BE	
	∆ Satisfied: <u>MATH 533, 534, 578, or 548</u>				PHYS 115 GENERAL PHYSICS II 4.00 2022 Fall BE	
	· Courses: 1 required, 1 taken, 0 needed				STOR 155 INTRO DATA MODELS & INFERENCE 3.00 2022 Fall BE	
MATH	548 COMB MATH	3.00	2024 Fall	Α	Satisfied: Minor: Statistics and Analytics	
	△ Satisfied: MATH 347 or 577				Satisfied: Minor Courses (5 Courses Required)	
	· Courses: 1 required, 1 taken, 0 needed					
MATH	347 LINEAR ALGEBRA FOR APPL	3.00	2023 Spr	Α	△ Satisfied: STOR 155 or STOR 120 · Courses: 1 required, 1 taken, 0 needed	
	△ Not Satisfied: Major Electives				STOR 155 INTRO DATA MODELS & INFERENCE 3.00 2022 Fall BE	
	· Units: 9.00 required, 3.00 taken, 6.00 needed				150 INTINO DATA MODELO & INTERNACE 5.00 ZUZZ FAII BE	

Δ		OR 305 or STOR 415 equired, 1 taken, 0 needed				INLS ANTH JAPN	161 149 162	TOOLS FOR INFO LITERACY GREAT DISCOVERIES IN ARCHAEOLO JAPANESE POPULAR CULTURE	3.00 3.00 3.00	2024 Fall 2025 Spr 2025 Spr	А
STOR	305	INTRO DECISION ANALYTICS	3.00	2023 Fall	Α	Satisf	ied: Focus C	apacities Tally			
Λ	Satisfied: Ac	Iditional Courses				Oution	.ca. 1 00a0 0	apacitics rany			
_		equired, 3 taken, 0 needed				Foc	us Capacities	Tally			
MATH STOR STOR	381 435 566	DISCRETE MATH INTRO TO PROBABIL INTRO DEEP LEARNING	3.00 3.00 3.00	2022 Fall 2023 Spr 2024 Fall	B A A		△ Aesthetic :	and Interpretive Analysis taken			
		directed to this line. as an elective (000056241)				MUSC	121	FUND OF TONAL MUSIC I xpression, Practice, and Productio	3.00	2024 Spr	Α
Satisfic	ed: Universit	y Requirements for Minors				-	· Courses: 0	•	<u></u>		
Δ		GPA of at Least 2.000 is Require equired, 3.750 actual	ed in the	Minor			△ Engageme • Courses: 2	ent with the Human Past taken			
MATH STOR	381 435	DISCRETE MATH INTRO TO PROBABIL	3.00 3.00	2022 Fall 2023 Spr	B A	NUTR ANTH	175 149	INTRO TO FOOD STUDIES GREAT DISCOVERIES IN ARCHAEOLO	3.00 3.00	2023 Fall 2025 Spr	Α
STOR STOR	305 566	INTRO DECISION ANALYTICS INTRO DEEP LEARNING	3.00 3.00	2023 Fall 2024 Fall	A A		△ Ethical and Courses: 1	d Civic Values			
Δ		ne Hours at UNC-CH equired, 15.00 taken, 0.00 needed				RELI	121	INTRO RELIGION & CULTURE	3.00	2023 Fall	Α
STOR MATH STOR STOR	155 381 435 305	INTRO DATA MODELS & INFERENCE DISCRETE MATH INTRO TO PROBABIL INTRO DECISION ANALYTICS	3.00 3.00 3.00 3.00	2022 Fall 2022 Fall 2023 Spr 2023 Fall	BE B A	ASIA	△ Global Und • Courses: 4	derstanding and Engagement taken ASIA: AN INTRODUCTION	3.00	2022 Fall	A
STOR Δ	Satisfied: Te · Units: 3.00 ta	INTRO DEEP LEARNING est Credit Check aken	3.00	2024 Fall	Α	NUTR ANTH JAPN	175 149 162	INTRO TO FOOD STUDIES GREAT DISCOVERIES IN ARCHAEOLO JAPANESE POPULAR CULTURE	3.00 3.00 3.00	2023 Fall 2025 Spr 2025 Spr	A
	· Courses: 1 to							ientific Investigation			
STOR	155	INTRO DATA MODELS & INFERENCE	3.00	2022 Fall	BE	OUEM	· Courses: 4		0.00	0000 5-11	D.E.
Δ	Satisfied: Co Units: 6.00 ta Courses: 2 ta					CHEM CHEM PHYS PHYS	101 102 114 115	GEN DESCRIP CHEM I GEN DESCRIP CHEM II GENERAL PHYSICS I GENERAL PHYSICS II	3.00 3.00 4.00 4.00	2022 Fall 2022 Fall 2022 Fall 2022 Fall	BE BE BE BE
MATH	381	DISCRETE MATH	3.00	2022 Fall	В		△ Power, Dit Courses: 1	ference and Inequality taken			
STOR	435	INTRO TO PROBABIL	3.00	2023 Spr	A	PLAN	101	INTRODUCTION TO URBAN STUDIES	3.00	2024 Spr	Α
		pus Life Experience : Campus Life Experience					△ Quantitativ • Courses: 9	ve Reasoning taken			
_		required, 7 taken, 5 needed				MATH	231	CALC FUNC ONE VAR I	4.00	2022 Fall	BE
		Mid-Autumn Festival Banquet Science & Tech Fair All Industries Job & Internshi Spring Festival Banquet off the map: documenting resea Mid-Autumn Banquet FACSS Mental Health Panel	1.00 1.00 1.00 1.00 1.00 1.00	2024-09-13 2024-09-12 2024-09-11 2024-02-02 2023-10-23 2023-09-16 2023-09-08		MATH PHYS PHYS STOR COMP MATH STOR COMP	232 114 115 155 110 233 305 550	CAL FUNC ONE VAR II GENERAL PHYSICS I GENERAL PHYSICS II INTRO DATA MODELS & INFERENCE INTRO PROGRAMMING MULTI VARI CALC I INTRO DECISION ANALYTICS ALGRTHMS & ANALYSIS	4.00 4.00 4.00 3.00 3.00 4.00 3.00 3.00	2022 Fall 2022 Fall 2022 Fall 2022 Fall 2022 Fall 2022 Fall 2023 Fall 2024 Spr	BE BE BE B+ A A
Electiv	es es						△ Ways of K				
	Electives					FOON	· Courses: 5		4.00	2022 5-11	DE
ECON MATH MATH	100 110P 129P	ECONOMIC PRINCIPLES ALGEBRA PRECALCULUS MATHEMATICS	3.00 0.00 0.00	2022 Fall 2022 Fall 2022 Fall	BE BE BE	ECON ASIA RELI PLAN JAPN	101 150 121 101 162	ECON: INTRO ASIA: AN INTRODUCTION INTRO RELIGION & CULTURE INTRODUCTION TO URBAN STUDIES JAPANESE POPULAR CULTURE	4.00 3.00 3.00 3.00 3.00	2022 Fall 2022 Fall 2023 Fall 2024 Spr 2025 Spr	BE A A A

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 730614640

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Δ Satisfied: Empirical Investigation Lab

· Courses: 3 taken

CHEM	101L	QUANT CHEM LAB I	1.00	2022 Fall	BE
PHYS	114	GENERAL PHYSICS I	4.00	2022 Fall	BE
PHYS	115	GENERAL PHYSICS II	4.00	2022 Fall	BE