Skip to Content AZ Index Catalog Home

## University Catalog 2023-2024

UNIVERSITY	ľ
CATALOG	

Search Catalog Search Catalog Go

About the University
Undergraduate Catalog
Graduate Catalog
Degree Programs
Catalog A-Z Index

Search Catalog Go

**Print Options** 

Catalog Navigation

BS in Computer Science and BS in Mathematical Sciences, Computational Mathematics Academic Advisors: <a href="https://math.njit.edu/students/undergraduate/advisors.php">https://math.njit.edu/students/undergraduate/advisors.php</a>,

https://computing.njit.edu/advising

Home »

<u>Undergraduate Catalog</u> »

Ying Wu College of Computing »

Computer Science »

BS in Computer Science and BS in Mathematical Sciences, Computational Mathematics (132 credits)

## First Year

1ST SEMESTER		CREDITS
<u>MATH 111</u>	Calculus I	4
<u>CS 100</u>	Roadmap to Computing	3
<u>PHYS 111</u>	Physics I	3
<u>PHYS 111A</u>	Physics I Lab	1
ENGL 101	English Composition: Introduction to Academic Writing	3
FYS SEM	First-Year Student Seminar	0
	Term Credits	14
2ND SEMESTER		
<u>MATH 112</u>	Calculus II	4
<u>CS 113</u>	Introduction to Computer Science	3
<u>PHYS 121</u>	Physics II	3
<u>PHYS 121A</u>	Physics II Lab	1

9/13/23, 9:31 PM	BS in Computer Science and BS in Mathematical Sciences, Computational Mathematical	tics < New Jersey Institute of Technology
MATH 451	Methods Appl Math II	3
MATH 453	High-Performance Numerical Computing	3
<u>CS 351</u>	Introduction to Cybersecurity	3
<u>CS 491</u>	Senior Project	3
History and Hu	manities GER 300+ level	3
	Term Credits	15
Fifth Year		
1ST SEMESTER	₹	
MATH 440 or MATH 44	Advanced Applied Numerical Methods or Stochastic Simulation	3
MATH 300+ E	lective	3
<u>IS 350</u>	Computers, Society and Ethics	3
Humanities and	d Social Science Senior Seminar GER	3
	Term Credits	12
	Total Credits	132
	New Jersey Institute of Technology University Heights Newark, New Jersey 07102  Contact Us  Maps & Directions  The Property of Technology  The Property of Technology  The Property of Technology  Maps & Directions	