B.S. in Computer Science - Track 'B' - Applied Computing	
MAJOR REQUIREMENTS/COMPUTER SCIENCE: 51 Credits	**Credits**
CS120: Foundations of Computer Science	4.0
CS175: Introduction to Computer Science I	4.0
CS176: Introduction to Computer Science II	4.0
CS202: Discrete Math and Applications	4.0
CS286: Computer Architecture I	3.0
CS305: Data Structures and Algorithms	4.0
CS325: Software Engineering Concepts	3.0
CS310: Advanced Object Oriented Programming/Design	4.0
CS432: Database Systems	4.0
CS438: Operating Systems Analysis	4.0
CS490: Senior Project	4.0
6 credits of CS Electives from 200+ level *(except CS288, CS388, CS488)*	
CS200+: _____	3.0
CS200+: _____	3.0
3 credits of CS Electives from 400+ level *(except CS 488)*	
CS400+: _____	3.0
REQUIREMENTS OUTSIDE MAJOR: 4 Credits	**Credits**
MA109: Precalculus Mathematics **or** MA-XXX: <u>(higher level Math)</u> _____ *(except MA203 or MA204)*	4.0
FREE ELECTIVES: 31 Credits	**Credits**
_____	31.0

MONMOUTH UNIVERSITY CURRICULUM CHART

B.S. in Computer Science - Track 'B' - Applied Computing

GENERAL EDUCATION REQUIREMENTS: 42 Credits		Credits
First Year Seminar	FY-101: First Year Seminar	3.0
Reading and Writing	EN101: College Composition I	3.0
	EN102: College Composition II	3.0
Mathematics	Fulfilled in Outside Major Requirements with MA109	0.0
Natural Sciences	6 Credits from subjects BY, CE, PH, or SC	6.0
Literature	3 Credits from courses designated with Course*Type: LIT	3.0
Aesthetics and Creativity	3 Credits from Art, Music, Theatre, or Dance	3.0
Technological Literacy	CS102: Applied Computing for Problem Solving	3.0
Reasoned Oral Discourse	Fulfilled in Outside Major Requirements with CS490	0.0
Historical Perspective	3 Credits from courses designated with Course*Type: HS.SV	3.0
Social Science	3 Credits from courses designated with Course*Type: SS.SV	3.0
Historical Perspective/Social Sciences	3 Credits from courses designated with Course*Type: HS.SV	
	3 Credits from courses designated with Course*Type: SS.SV	3.0
Interdisciplinary Perspectives	3 Credits from courses designated with Course*Type: ISP	3.0
Cultural Diversity/Global Understanding	3 Credits from courses designated with Course*Type: CD	
	3 Credits from courses designated with Course*Type: GU	
	or 6 Credits from the SAME foreign language	6.0
Experiential Education	One course designated with Course*Type: EX	0.0
Writing Intensive	Two courses from Computer Science (CS) designated	0.0
	with Course*Type: WT	0.0

Total Credits for B.S. in Computer Science - Track 'B' - Applied Computing = 128

NOTES:

  * 58 credits must be completed at the 200 level or higher.

MONMOUTH UNIVERSITY CURRICULUM CHART

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