

College of Natural and Computational Sciences

Student Course Checklist

Student Name: YONAS MULUGETA WORKNEH

Student ID: NSR/2083/06

Department: Department of Computer Science

Year: 4

Program: Bachelor of Science in Computer Science

Current Semester Courses

Major Courses

Course Code	Course Title	Course ECTS	Course Grade	Gr. Point	Remark
CoSc3052	Advanced Database System	6.00	B-	16.5	
CoSc2023	Advanced Programming	6.00	B-	16.5	
CoSc4111	Analysis of Algorithms	5.00	C	10	
CoSc3062	Compiler Design	6.00	B	18	
CoSc4112	Complexity Theory	5.00	B-	13.75	
CoSc3101	Computer Graphics	5.00	B	15	
CoSc2031	Computer organization and architecture	5.00	A-	18.75	
CoSc4171	Computer Security	5.00	C+	12.5	
Cosc2041	Data Communication and Computer Networking	6.00	C+	15	
CoSc2022	Data Structures and Algorithms	6.00	B-	16.5	
CoSc4122	Final Project I	6.00	A	24	
CoSc4123	Final Project II	6.00	B	18	
CoSc3061	Formal Language and Automata Theory	5.00	D	5	
CoSc3051	Fundamentals of Database	6.00	B+	21	
CoSc1013	Fundamentals of Programming II	5.00	D	5	
CoSc1012	Fundamentals of Programming I	5.00	D	5	
CoSc3071	Fundamentals of Software Engineering	5.00	C+	12.5	
CoSc3102	Human Computer Interaction	5.00	B	15	
CoSc3091	Internet Programming	7.00	B	21	
CoSc3081	Introduction to Artificial Intelligence	6.00	B	18	
CoSc1011	Introduction to Computer Science	6.00	B-	16.5	
CoSc4161	Introduction to Distributed Systems	5.00	B-	13.75	

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CoSc2032	Microprocessor and Assembly Language Programming	5.00	B-	13.75	
CoSc2042	Network and System Administration	5.00	B+	17.5	
CoSc2021	Object Oriented Programming	6.00	C	12	
CoSc3072	Object Oriented Software Engineering	5.00	C	10	
CoSc2033	Operating System	6.00	C+	15	
CoSc4141	Selected topics in Computer Science	5.00	B	15	
COSC 4121	Technical Report Writing in Computer Science	4.00	A-	15	
CoSc2043	Wireless Communication and Mobile Computing	5.00	C+	12.5	
Total		163.00		438	

Major Elective Courses

Course Code	Course Title	Course ECTS	Course Grade	Gr. Point	Remark
CoSc4153	Multimedia	5.00	B+	17.5	
Total		5.00		17.5	

Major Elective II Courses

Course Code	Course Title	Course ECTS	Course Grade	Gr. Point	Remark
CoSc4158	Windows Programming	5.00	C	10	
Total		5.00		10	

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Common Course Courses

Course Code	Course Title	Course ECTS	Course Grade	Gr. Point	Remark
EnLa1012	Basic Writing Skills	5.00	B	15	
CEST1023	Civics and Ethics	5.00	B-	13.75	
EnLa1011	Communicative English Skills	5.00	B	15	
Phil1033	Introduction to logic	5.00	C-	8.75	
Total		20.00		52.5	

Supportive Courses

Course Code	Course Title	Course ECTS	Course Grade	Gr. Point	Remark
Math3221	Applied Numerical Analysis	5.00	C+	12.5	
Math2021	Calculus I	7.00	C	14	
ECEG1352	Digital Electronics	5.00	F C-	8.75	
Math2231	Discrete Mathematics and Combinatorics	5.00	C	10	
MGMT4111	Entrepreneurship and Small Business Management	5.00	B	15	
ECEG1351	Fundamentals of Electricity and Electronic Devices	5.00	C	10	
Math2191	Introduction to Linear Algebra	5.00	C	10	
Stat2182	Introduction to Probability Theory	5.00	C-	8.75	
Stat2181	Introduction to Statistics	5.00	C	10	
Total		47.00		99	

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Current Semester Courses

Summary of courses

SN	Course Type	Required ECTS		Minimum CGPA	Taken ECTS	Total Gradepoint	Gr.Point Average
		Minimum ECTS	Maximum ECTS				
1	Major	163.00	163.00	2.00	163.00	438	2.69
2	Major Elective	5.00	5.00	0.00	5.00	17.5	3.50
3	Major Elective II	5.00	5.00	0.00	5.00	10	2.00
4	Minor	0.00	0.00	0.00	0.00	0	0.00
5	Minor Elective	0.00	0.00	0.00	0.00	0	0.00
6	Common Course	20.00	20.00	2.00	20.00	52.5	2.63
7	Supportive	47.00	47.00	0.00	47.00	99	2.11
Overall		240	240.00		240.00	617	2.57

Current Semester Courses

SN	Course Type	Taken ECTS
1	Major	26.00
2	Major Elective	5.00
3	Supportive	5.00
Overall		36