

CHUKA



UNIVERSITY

Knowledge is Wealth (*Sapientia divitia est*) Akili ni Mali

Courses Offered By the Department of Computer Science

	Programme	Minimum Entry Requirements	Duration and Mode of Study
1.	Master of Science in Computer Science	<p>Candidates must meet the Minimum Chuka University general admission criteria as stipulated in the statutes.</p> <p> Holders of a Bachelors degree of Chuka University in Computer science of at least Upper Second Class Honours or an equivalent qualification from an institution recognised by Chuka University Senate.</p> <p> Holders of a Bachelors degree of Chuka University in Computer Science, of Lower Second Class Honours or an equivalent qualification from an institution recognised by Chuka University Senate. In addition, they must have demonstrable relevant experience of at least two years.</p> <p> Holders of a Bachelors degree of Chuka University in a related Engineering, computing or Mathematics discipline, of at least Upper Second Class Honours or an equivalent qualification</p>	<p>The course shall be administered by coursework, examination and thesis. The programme will take TWO academic years.</p> <p>In the first year semester one of study, the student studies a mixture of compulsory computer science courses drawn from key thematic areas. In the second semester of first year, the student is required to select an area of specialization from four computer science thematic areas namely: computer networks and distributed systems, computer systems security and forensics, software engineering and computation intelligence.</p> <p>In the second year of study, the student is required to carry out research in the thematic area of specialization and write a thesis under the guidance of the University approved supervisor(s).</p> <p>The courses will be offered in full-time and part-time. The method of delivery shall be Lectures, discussions, practicals and presentations.</p>

		<p>from an institution recognised by Chuka University Senate.</p> <p>Holders of a Bachelor's degree of Chuka University in a related Engineering, computing or Mathematics discipline, of Lower Division Second Class Honours. In addition, they must have demonstrable relevant experience of at least two years</p>	
2.	Bachelor of Science in Computer Science	<p>Mean grade C+ in KCSE with C+ in Math, C+ in Phys,</p> <p>OR</p> <p>2 Principals, one must be Math/Phys in KACE,</p> <p>OR</p> <p>Diploma with at least a credit pass in Computer Science or equivalent with a pass in Phys in KCSE or from Senate-recognized institutions</p>	8 semesters, FT or Work-based Day, Evening/Weekend
3.	Bachelor of Science in Applied Computer Science	<p>Mean grade C+ in KCSE with C+ in Math, C+ in Phys</p> <p>or B- in any science subject, and a Pass in Phys in KCSE,</p> <p>OR</p> <p>2 Principals one must be in Math/Phys in KACE,</p> <p>OR</p> <p>Diploma with at least a credit pass in Computer Science or their equivalents and a Pass in Phys in KCSE or from Senate-recognized institutions</p>	8 semesters, Full-time or Work-based Day, Evening or Weekend
4.	Diploma in Computer Science	<p>Mean grade C- in KCSE with C- in Math, C- in Phys or Physical Sciences, C- in Kisw/Engl,</p>	4 semesters, Full-time or Work-based

		<p>OR</p> <p>Division 3 in KCE with a Pass in Phys/Physical Sciences, Math and Kisw.</p> <p>OR</p> <p>KACE with a Subsidiary in Math/Phys, and at least a credit in Phys/Physical Sciences in KCE,</p> <p>OR</p> <p>Certificate in Computer Science or equivalent, plus pass in Phys in KCSE or from Senate-recognized institutions</p>	
5.	Certificate in Computer Science	Mean grade D and above in KCSE	2 semesters: Full-time or Work-based
6.	Certificate in Computer Literacy/Packages	KCSE Certificate	3 months/1 term: Full-time, Part-time/ Evening/ Weekend