COMPUTER SCIENCE - M.A.

College of Arts and Sciences
Department of Computer Science
www.kent.edu/cs

Contact Information
• Program Coordinator: Hassan Peyravi | gradinfo@cs.kent.edu | 330-672-9047
• Chat with an Admissions Counselor

Fully Offered
• Delivery:
  • In person
• Location:
  • Kent Campus

Admission Terms
• Fall
• Spring
• Summer

Description
The Master of Arts degree in Computer Science enables students with a bachelor’s degree in any area to enter the many fields that require both computer science skills and skills gained in a student’s prior studies. The program requires no prior computer science training and covers a breadth of knowledge in advance computer science topics that can also be used to solve problems in the field of the student’s bachelor’s degree.

Admission Requirements
• Bachelor’s degree from an accredited college or university
• Minimum 3.000 undergraduate GPA on a 4.000 point scale
• Official transcript(s)
• Résumé
• Goal statement
• Three letters of recommendation
• English language proficiency - all international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning one of the following:
  • Minimum 525 TOEFL PBT score (paper-based version)
  • Minimum 71 TOEFL IBT score (Internet-based version)
  • Minimum 74 MELAB score
  • Minimum 6.0 IELTS score
  • Minimum 50 PTE score
  • Minimum 100 Duolingo test score

For more information about graduate admissions, please visit the Graduate Studies admission website. For more information on international admission, visit the Office of Global Education’s admission website.

Program Learning Outcomes
Graduates of this program will be able to:
1. Demonstrate breadth-of-knowledge and understanding of essential facts, concepts, principles and theories relating to advanced topics in computer science.
2. Conduct literature searches, comprehend advanced research materials and uncover connections between related work and critical evaluation and synthesis.
3. Perform research, discovery and integration by applying advanced knowledge of computer science.

Program Requirements

Major Requirements

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tr>
<td>CS 61002</td>
<td>ALGORITHMS AND PROGRAMMING I</td>
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<td>CS 61003</td>
<td>ALGORITHMS AND PROGRAMMING II</td>
<td>4</td>
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<td>CS 61004</td>
<td>OPERATING SYSTEMS AND ARCHITECTURE</td>
<td>4</td>
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<td>CS 69098</td>
<td>RESEARCH 1</td>
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<td>CS 69191</td>
<td>MASTER'S SEMINAR</td>
<td>2</td>
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1 Prospective students must successfully have completed high-level algebra, geometry and calculus coursework (equivalent to the following Kent State courses: MATH 12002, MATH 12003, MATH 21001). In addition, it is strongly recommended that students successfully have completed coursework in programming, data structures, and discrete structures, (equivalent to the following Kent State courses: CS 13001, CS 23001, CS 23022).