

Bachelor of Arts in Applied Computer Science



KENNESAW STATE UNIVERSITY

This is a GATED PROGRAM
Catalog Year: 2019

Updated 5/7/2019

Total Degree Credit hours: 120

General Education Requirements (See DegreeWorks or catalog for prerequisites)

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| A-1 | ENGL 1101 Composition I | 3 | |
| | ENGL 1102 Composition II | 3 | |
| A-2 | MATH 1113 Pre-Calculus or MATH 1112 College Trigonometry | 3 | |

Area A: Essential Skills

9 credit hours

Must complete all three requirements in this area within first 30 credit hours.

Students must have C or better on all courses.

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| B-1 | ECON 1000 Contemporary Economic Issues | 2 | |
| B-2 | FL 1002 Intermediate Foreign Language I | 3 | |

-IBDC 56v00

course from both groups.

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| | CHEM 1212/L or BIOL 1107/L | | |
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Area D: Science, Math & Technology

11 credit hours

"L" denotes accompanying lab section.

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| E-1 | POLS 1101 American Government | 3 | |
| E-2 | HIST 2111/2112 US History | 3 | |
| E-3 | HIST 1100/1111/1112 World History | 3 | |
| E-4 | CRJU/GEOG/PSYC/SOCI/STS 1101, ANTH 1102 or ECON 2100 | 3 | |

Area E: Social Sciences

12 credit hours

Choose one course from each group for requirements E-2 to E-4.

Area F Lower Division Major Requirements (18 credit hours)

Students must complete CSE 1321/L and CSE 1322/L with a 'B' or better to be admitted to this major.

| | | Prerequisites | |
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| F-1 | CSE 1321/L Programming and Problem Solving I w/lab | Co-req: MATH 1112/1113/1190 or CSE 1300 | 4 |
| F-2 | CSE 1322/L Programming and Problem Solving II w/lab | 'B' or better in CSE 1321/L | 4 |
| F-4 | FL 2001 Intermediate Foreign Lang I | FL 1002 | 3 |
| F-5 | FL 2002 Intermediate Foreign Lang II | FL 2001 | 3 |
| F-3 | CSE 2300 Discrete Structures for Computing OR | CSE 1321/L & MATH 1113* | 3 |
| | MATH 2345 Discrete Mathematics | MATH 1113* | |

It is recommended for students to take CSE 1300 Intro to Computing Principles if they do not have any background or experience in computer programming, and should do CSE 1321/L in the following semester.

Submit a change of major request after earning a 'B' or better in CSE 1322/L.

*MATH prerequisite could also be MATH 1112 or MATH 1190.

Students must have a C or better on all courses included in Area F.

Notes:

Interdisciplinary Concentration (15-18 hours)

Must have C or better in all courses in the concentration.

Please see advisor or coordinator to discuss courses in concentration.

Students may propose an alternative concentration/minor. Must have coordinator approval.

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| Data Mining, Applied Statistics, and HPC |
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| High Performance Computing (HPC) |
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| Applied Computing |
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| Computing and Information Systems |
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