

ASSOCIATE IN SCIENCE

❖ 097-COMPUTER SCIENCE (ACSC)

❖ *This degree is offered online at www.rsuonline.edu*

The Associate in Science degree in Computer Science program has two principal goals. One goal of the program is to provide students with the necessary skills required to become competent in computer programming at the entry level, as well as to understand the significant issues of how technology is changing the workplace. The second goal is to provide students with the academic background to enable them to be successful while seeking a baccalaureate degree in Computer Science, Computer Information Systems, or Information Technology. Transferability of this degree should be confirmed with the receiving institution. The specialty courses in this degree will partially satisfy the specialty area of the Bachelor of Technology in Applied Technology program offered at Rogers State University.

REQUIRED HOURS 67-68

UNIV 1152 The University Experience 2

Communications 9

- ENGL 1113 Composition I
- ENGL 1213 Composition II
- SPCH 1113 Speech Communication

Social and Behavioral Sciences 9

History 3

Select from the following:

- HIST 2483 American History to 1877
- HIST 2493 American History since 1877
- POLS 1113 American Federal Government3

Social Science 3

Select from the following:

- ECON 2113 Principles of Macroeconomics
- ECON 2123 Principles of Microeconomics
- PSY 1113 Introduction to Psychology
- SOC 1113 Introduction to Sociology

Science and Mathematics11

Physical Science 4

Select from the following:

- CHEM 1104 Principles of Chemistry
- CHEM 1315 General Chemistry I
- GEOL 1014 Earth Science
- GEOL 1114 Physical Geology
- GEOL 1124 Physical Geography
- GEOL 1224 Historical Geology
- GEOL 2124 Astronomy
- PHYS 1014 General Physical Science
- PHYS 1114 General Physics I

Biological Science 4

Select from the following:

- BIOL 1114 General Biology
- BIOL 1134 Introduction to Environmental Science
- BIOL 1144 General Cellular Biology

Mathematics 3

Select from the following:

- MATH 1413 Introduction to Statistics
- MATH 1503 Mathematics for Critical Thinking
- MATH 1513 College Algebra
- MATH 1613 Trigonometry
- MATH 1715 Pre-Calculus
- MATH 2264 Analytical Geometry & Calculus I

Humanities 6

Select from the following:

- ART (HUM) 1113 Art Appreciation
- COMM (HUM) 2413 Theatre Appreciation
- ENGL 2613 Introduction to Literature
- HUM 2113 Humanities I
- HUM 2223 Humanities II
- HUM 2893 Cinema
- MUSC (HUM) 2573 Music Appreciation
- PHIL 1113 Introduction to Philosophy

Global Studies 3

Select from the following:

- BIOL 3103 Plants and Civilization
- ECON 3003 International Economic Issues and Policies
- GEOG 2243 Human Geography
- GERM 1113 Beginning German I
- HIST 2013 World Civilization I
- HIST 2023 World Civilization II
- HUM 3633 Comparative Religion
- LANG 1113 Foundations of World Languages
- MGMT 3033 Conflict Resolution: I'm Always Right!
- NAMS 1143 Native Americans of North America
- NAMS 2503 Cherokee I
- PHIL 1313 Values and Ethics
- POLS 3053 International Relations
- SOC 3213 Minority Groups
- SPAN 1113 Beginning Spanish I

Elective 3

Select three additional hours from the courses listed above and not previously selected.

Program Requirements 21

- CS 1113 Microcomputer Applications
- CS 1213 Introduction to Computing
- CS 2223 Programming I
- CS 2323 Programming II
- IT 2143 Introduction to Networking
- IT 2153 Network Operating Systems I
- IT/CS 2000 or above equal to 3 credit hours

Support and Related 3-4

- ACCT 2103 Accounting I-Financial
- MATH 2264 Analytical Geometry and Calculus I
- MGMT 3013 Principles of Management

Total Credit Hours 67-68