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 Government 3

  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 Mathematics **11**
  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 1423 Functions and Modeling
    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
    BIOL   3203 Bioethics
    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**