This is a RECOMMENDATION course sequence for students interested in pursuing Computer Science at Governors State. If pathway is followed as outlined the student will earn an Associate in Arts (A.A.) degree. Community and junior college students seeking a bachelor’s degree in Computer Science are strongly encouraged to complete an Associate in Arts (A.A.) degree prior to transfer. One course will satisfy the Human Diversity (HD) requirement, and is labeled with an (HD) in the sequence below. This pathway partnership transfer plan is designed to help you prepare to transfer to Governors State University as a junior to complete a Bachelor’s degree in Computer Science. Bachelor’s degree programs in Computer Science encompass two distinct emphases: an information systems (or business) emphasis and a technical emphasis. While either emphasis will prepare a student for a computing career, there are important differences in the context of the work to be performed, the types of problems to be solved, and the types of systems to be designed and managed. For both emphases, starting positions include such titles as programmer, programmer-analyst, and network analyst. Be sure to see a Computer Science advisor to select the appropriate emphasis for you (ITransfer.org). Good luck and we cannot wait to see you at graduation!

Make informed course choices in consultation with your CCC College Advisor

<table>
<thead>
<tr>
<th>Communications and Math pre-degree requirements, Placements based on COMPASS, ACT or department chair recommendation</th>
<th>College Level Courses that can be taken while in pre-degree courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Placement</td>
<td>General Education Courses</td>
</tr>
<tr>
<td>□ ESL/FS Writing</td>
<td>□ Fine Arts: (May choose 2) Art 103, Music 121, Fine Arts 104</td>
</tr>
<tr>
<td>□ ESL/English 98</td>
<td>□ Humanities: Afro Am 101</td>
</tr>
<tr>
<td>□ ESL 99</td>
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</tr>
<tr>
<td>□ ESL/English 100</td>
<td>□ Elective Courses</td>
</tr>
<tr>
<td>Reading Placement</td>
<td>□ College Success</td>
</tr>
<tr>
<td>□ ESL/FS Reading</td>
<td>□ CIS 120</td>
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<tr>
<td>□ ESL/Reading 99</td>
<td>□ CIS 135</td>
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<td>□ Reading 125</td>
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<td>Math Placement</td>
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<td>□ FS Math I</td>
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<tr>
<td>□ FS Math II</td>
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<td>□ Math 98</td>
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<td>□ Math 99</td>
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2-Year Program Plan for Full-time Students

All plans can be modified to fit the needs of part-time students by adding more semesters. All classes must be passed with a C or better for transferability.

<table>
<thead>
<tr>
<th>D GECC</th>
<th>SEMESTER 1</th>
<th>CREDIT HOURS</th>
<th>CATEGORY</th>
<th>ACHIEVEMENTS and NEXT STEPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>□</td>
<td>English 101 - Composition I (3)</td>
<td>4</td>
<td>Communications</td>
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<tr>
<td>□</td>
<td>Math 204 - Calculus for Business and Social Science (5) (pre-req Math 143 or placement)</td>
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<td>Economics 201 - Intro to Macroeconomics (3)</td>
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<td>Social/Behavioral Science</td>
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<tr>
<td>□</td>
<td>Elective (3-4)</td>
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<thead>
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<th>D GECC</th>
<th>SEMESTER 2</th>
<th>CREDIT HOURS</th>
<th>CATEGORY</th>
<th>ACHIEVEMENTS and NEXT STEPS</th>
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<tr>
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<td>English 102 - Composition II (3)</td>
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<td>□</td>
<td>Economics 202 - Intro to Microeconomics (3)</td>
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<td>Social/Behavioral Science</td>
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<tr>
<td>□</td>
<td>Elective (4)</td>
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<td>CIS 120 – Introduction to Microcomputers (3)</td>
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<th>D GECC</th>
<th>SEMESTER 3</th>
<th>CREDIT HOURS</th>
<th>CATEGORY</th>
<th>ACHIEVEMENTS and NEXT STEPS</th>
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<tbody>
<tr>
<td>□</td>
<td>Speech 101 - Fundamentals of Speech (3)</td>
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<td>□</td>
<td>Physical Science Course (3)</td>
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<td>□</td>
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</tr>
<tr>
<td>□</td>
<td>Fine Arts Course (3)</td>
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<td>Fine Arts</td>
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<tr>
<td>□</td>
<td>CIS 144 – Intro to JAVA Programming Lang (3) (pre-req CIS 101 or consent of Department Chair)</td>
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<td>Elective</td>
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<thead>
<tr>
<th>D GECC</th>
<th>SEMESTER 4</th>
<th>CREDIT HOURS</th>
<th>CATEGORY</th>
<th>ACHIEVEMENTS and NEXT STEPS</th>
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</thead>
<tbody>
<tr>
<td>□</td>
<td>Human Diversity Social Science (3)</td>
<td>3</td>
<td>Social/Behavioral Science (HD)</td>
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<tr>
<td>□</td>
<td>Humanities/Fine Arts (3)</td>
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<tr>
<td>□</td>
<td>Life Science Course (4)</td>
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</tbody>
</table>

Almost halfway through AA degree!

DO THIS – Meet with advisor to confirm plans

DO THIS – Contact a GSU Transfer Specialist or your campus Transfer Center to learn more about joining the Dual Degree Program. Email: dualdegree@govst.edu or visit www.govst.edu/ddp for more information.

DO THIS - Meet with Advisor and discuss upcoming deadlines for graduation

DO THIS - Apply to Governors State University

DO THIS – Apply for graduation!

COMPLETION of Associate of Arts degree
Focus Area: Information Technology
Pathway: Computer Science Transfer to Governors State University

Visit your Academic Advisor, CCC.edu or your College's Transfer Center for more information

Catalog 2014-2015
Degree Codes: AA 0210

- CIS 244 – Advanced JAVA Programming Lang (3) (pre-req CIS 101 or consent of Department Chair)
- Elective (3)

16 CREDIT HOURS

MINIMUM TOTAL AA CREDIT HOURS: 62
WRITTEN PATHWAY CREDIT RANGE: 61-62

Governors State University Program
All plans can be modified to fit the needs of part-time students by adding additional semesters.

<table>
<thead>
<tr>
<th>SEMESTER 5</th>
<th>GSU CATEGORY</th>
<th>ACHIEVEMENTS and NEXT ACTIONS</th>
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<tbody>
<tr>
<td>CPSC 3099 – Junior Seminar (3)</td>
<td>Major</td>
<td>DO THIS - Meet with Advisor to discuss academic goals and plan coursework</td>
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<tr>
<td>CPSC 3310 – Introduction Object-Oriented Programming (3)</td>
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<tr>
<td>CPSC 4190 – Introduction to Software Engineering (3)</td>
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<td>CPSC 4205 – Computer Organization (3)</td>
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<td>CPSC 4335 – Operating Systems (3)</td>
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15 CREDIT HOURS

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<th>GSU CATEGORY</th>
<th>ACHIEVEMENTS and NEXT ACTIONS</th>
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<tbody>
<tr>
<td>CPSC 4338 – Discrete Structures (3)</td>
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<td>DO THIS – Meet with advisor to confirm plans</td>
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<tr>
<td>CPSC 4342 – Introduction to Computer Networks (3)</td>
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<tr>
<td>CPSC 4345 – Database Systems (3)</td>
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<td>CPSC 4355 – Data Structures and Algorithms (3)</td>
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<tr>
<td>CPSC 4900 – Senior Project and Seminar (3)</td>
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15 CREDIT HOURS

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<tr>
<th>SEMESTER 7</th>
<th>GSU CATEGORY</th>
<th>ACHIEVEMENTS and NEXT ACTIONS</th>
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<tbody>
<tr>
<td>CPSC Selective XXXX (3)</td>
<td>Advanced Selective</td>
<td>DO THIS-Meet with your Advisor to discuss course choices and degree completion</td>
</tr>
<tr>
<td>CPSC Selective XXXX (3)</td>
<td>Advanced Selective</td>
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<tr>
<td>CPSC Selective XXXX (3)</td>
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15 CREDIT HOURS

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<th>SEMESTER 8</th>
<th>GSU CATEGORY</th>
<th>ACHIEVEMENTS and NEXT ACTIONS</th>
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</thead>
<tbody>
<tr>
<td>CPSC Selective XXXX (3)</td>
<td>Advanced Selective</td>
<td>COMPLETION of Bachelor's Degree</td>
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<tr>
<td>CPSC Selective XXXX (3)</td>
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</tr>
<tr>
<td>Elective (1)</td>
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<tr>
<td>CPSC Selective XXXX (3)</td>
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<tr>
<td>CPSC Selective XXXX (3)</td>
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13 CREDIT HOURS

MINIMUM TOTAL CREDIT HOURS: 58