Focus Area: Natural Sciences
Pathway: Math with Teaching Licensure Transfer to Governors State University
Visit your Academic Advisor, CCC.edu or your College's Transfer Center for more information
Catalog 2014-2015

This is a RECOMMENDED course sequence for students interested in pursuing Math at Governors State. If pathway is followed as outlined the student will earn an Associate in Science degree. 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 Math with Teaching Licensure. As a mathematics student, you’ll study this language and learn how to use it to describe the world. You’ll explore calculus, modern algebra, and other high-level mathematics in the purest light. The sequence of coursework is approved by the Illinois State Board of Education and leads to an initial secondary licensure in Mathematics. You can also earn an endorsement that prepares you for teaching in middle school. Community and junior college students seeking a bachelor's degree in Math are strongly encouraged to complete an Associate in Science (A.S.) degree prior to transfer. A minimum of 60 semester credits is required for transfer as a junior into a baccalaureate Math program. Since admission is competitive, completing the courses recommended below does not by itself guarantee admission (iTransfer.org). Only by talking to your designated college advisor will you be sure to make the right choices. 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 □ ESL/FS Writing □ ESL/English 98 □ ESL 99 □ ESL/English 100</td>
<td>Reading Placement □ ESL/FS Reading □ ESL/Reading 99 □ ESL Reading 100 □ Reading 125</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</th>
<th>GECC</th>
<th>SEMESTER 1</th>
<th>CATEGORY</th>
<th>ACHIEVEMENTS and NEXT STEPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>□</td>
<td>□</td>
<td>English 101 - Composition I (3)</td>
<td>Communications</td>
<td>DO THIS - Meet with Advisor to discuss academic goals and plan coursework</td>
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<tr>
<td>□</td>
<td>□</td>
<td>Math 207- Calculus I (5) [pre-req: Math 143- Pre-Calculus (6)]</td>
<td>Mathematics</td>
<td>DO THIS – Visit your campus Transfer Center</td>
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<tr>
<td>□</td>
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<td>Fine Arts Course (3)</td>
<td>Humanities/Fine Arts</td>
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<tr>
<td>□</td>
<td>□</td>
<td>History 111 - Hist. of Am. People to 1865 (3)</td>
<td>Social/Behavioral Science</td>
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<td>Speech 101- Fundamentals of Speech (3)</td>
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17 CREDIT HOURS

<table>
<thead>
<tr>
<th>D</th>
<th>GECC</th>
<th>SEMESTER 2</th>
<th>CATEGORY</th>
<th>ACHIEVEMENTS and NEXT STEPS</th>
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<tbody>
<tr>
<td>□</td>
<td>□</td>
<td>English 102 - Composition II (3)</td>
<td>Communications</td>
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<tr>
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<td>Math 208- Calculus and Analytic Geometry II (5)</td>
<td>Elective</td>
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<td>Physics 221- Mechanics, Waves and Heat (5)</td>
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<td>History 112 - Hist. of Am. People from 1865 (3)</td>
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16 CREDIT HOURS

<table>
<thead>
<tr>
<th>D</th>
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<th>CATEGORY</th>
<th>ACHIEVEMENTS and NEXT STEPS</th>
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<tbody>
<tr>
<td>□</td>
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<td>Math 209 - Calculus &amp; Analytic Geometry III (5)</td>
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<td>Biology 121 - Biology I (5)</td>
<td>Life Science</td>
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<td>Non-Western Culture Humanities - Human Diversity (3)</td>
<td>Fine Arts/Humanities (HD)</td>
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<td>Political Science 201 (3)</td>
<td>Social/Behavioral Science</td>
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16 CREDIT HOURS

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<thead>
<tr>
<th>D</th>
<th>GECC</th>
<th>SEMESTER 4</th>
<th>CATEGORY</th>
<th>ACHIEVEMENTS and NEXT STEPS</th>
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<tbody>
<tr>
<td>□</td>
<td>□</td>
<td>Math 212 - Linear Algebra (3)</td>
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<td>Math 210 - Differential Equations (3)</td>
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<tr>
<td>□</td>
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<td>Humanities/Fine Arts (3)</td>
<td>Humanities/Fine Arts</td>
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</tr>
<tr>
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<td>□</td>
<td>Psychology 201 - General Psychology (3)</td>
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<tr>
<td>□</td>
<td>□</td>
<td>Physics 222 - Electricity, Light, and Modern Physics (5)</td>
<td>Elective</td>
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</tr>
</tbody>
</table>

17 CREDIT HOURS

Programs offered at: Governors State University
Focus Area: Natural Sciences  
Pathway: Math with Teaching Licensure 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: AS 0211

MINIMUM TOTAL AS CREDIT HOURS: 64  
WRITTEN PATHWAY CREDIT RANGE: 65-75

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>MATH 3137  (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>Health Course (3)</td>
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<tr>
<td>EDUC 2310 (3)</td>
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<tr>
<td>SPED 2100 (3)</td>
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<tr>
<td>EDCP 2101 - Introduction to Educational Technology (3)</td>
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<td><strong>15 CREDIT HOURS</strong></td>
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<th>GSU CATEGORY</th>
<th>ACHIEVEMENTS and NEXT ACTIONS</th>
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<tbody>
<tr>
<td>EDUC 4360 – Principles Secondary Mathematics Education (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>EDUC 4437 - Teaching Secondary School Mathematics (3)</td>
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<td>EDUC 4440 - Education Psychology in Action (3)</td>
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<td>MATH 4133 - Number Theory (3)</td>
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<tr>
<td>MATH 4171 - History of Mathematics (3)</td>
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<thead>
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<th>SEMESTER 7</th>
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<th>ACHIEVEMENTS and NEXT ACTIONS</th>
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<tbody>
<tr>
<td>EDUC 4999 - Student Teaching: Secondary Mathematics (12)</td>
<td>Major</td>
<td>DO THIS- Meet with Advisor to discuss deadlines for graduation</td>
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<td>MATH 4241 - Analysis I: Real Variables (3)</td>
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<th>SEMESTER 8</th>
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<tbody>
<tr>
<td>PHYS 2143 Intermediate Physics II (3)</td>
<td>Major</td>
<td>COMPLETION of Bachelor in Math with Teaching Certificate</td>
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<td>PHYS 2144 – Intermediate Physics II Laboratory (1)</td>
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<td>STAT 4219 – Statistical Methods (3)</td>
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<td>BIOL 4992 – Undergraduate Research II (1)</td>
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<td>BIOL XXXX – Upper Division Selective (3)</td>
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<tr>
<td>BIOL XXXX – Upper Division Selective (3)</td>
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<td><strong>14 CREDIT HOURS</strong></td>
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MINIMUM TOTAL CREDIT HOURS: 59