A.S./B.S. Computer Science
Harper College: A.S. Computer Science, Information System Emphasis
Roosevelt University: B.S. Computer Science

The following academic agreement program helps graduates of Harper College transfer to Roosevelt University to complete their bachelor's degree. Students can finish the Harper College, A.S. Computer Science, Information System Emphasis, and transfer to Roosevelt University to finish a Bachelor of Science in Computer Science in a total of four years.

A.S. Computer Science/Harper College

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101₁</td>
<td>English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 102₁</td>
<td>English Composition II</td>
<td>3</td>
</tr>
<tr>
<td>SPE 101</td>
<td>Fundamentals of Speech</td>
<td>3</td>
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<tr>
<td>MTH 220₁</td>
<td>Discrete Mathematics</td>
<td>3</td>
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<tr>
<td>MTH 200₁</td>
<td>Calculus w/ Analytic Geometry I</td>
<td>5</td>
</tr>
<tr>
<td>MGT 225</td>
<td>Applied General Statistics</td>
<td>4</td>
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<tr>
<td>ACC 101</td>
<td>Intro. Financial Accounting</td>
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</tr>
<tr>
<td>ACC 102</td>
<td>Intro. Managerial Accounting</td>
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<td>CSC 121₁</td>
<td>Computer Science I</td>
<td>4</td>
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<tr>
<td>CSC 122₁</td>
<td>Computer Science II</td>
<td>4</td>
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<tr>
<td>CSC 217₁</td>
<td>Assembler Programming &amp; Machine Org. ₁</td>
<td>4</td>
</tr>
<tr>
<td>PHY 201</td>
<td>General Physics I – Mechanics</td>
<td>5</td>
</tr>
<tr>
<td>Biology Elective</td>
<td>Elective</td>
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</tr>
<tr>
<td>ECO 211</td>
<td>Microeconomics</td>
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<tr>
<td>ECO 212</td>
<td>Macroeconomics</td>
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<tr>
<td>Social Science₂</td>
<td>Elective</td>
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<td>Humanities₂</td>
<td>Electives</td>
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<td><strong>Harper Total:</strong></td>
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₁ Grade of C- or better required
₂ Students must take a course that meets the World cultures and Diversity graduation requirement in either Humanities or Social Studies

B.S. Computer Science/Roosevelt University

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Semester Hours</th>
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<tbody>
<tr>
<td>ACP 250</td>
<td>Grounds for Change</td>
<td>3</td>
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<tr>
<td>LIBS 201₁</td>
<td>Writing Social Justice</td>
<td>3</td>
</tr>
<tr>
<td>MATH 246₁</td>
<td>Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>CST 280₁</td>
<td>Introduction to Algorithms</td>
<td>3</td>
</tr>
<tr>
<td>CST 311₁</td>
<td>Real World Networks</td>
<td>3</td>
</tr>
<tr>
<td>CST 317₁</td>
<td>Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CST 333₁</td>
<td>Database Systems</td>
<td>3</td>
</tr>
<tr>
<td>CST 372₁</td>
<td>Programming Languages</td>
<td>3</td>
</tr>
<tr>
<td>CST 337 or 338₁ or 387₁</td>
<td>Theory of Computation or Efficient Computing or Algorithm Design</td>
<td>3</td>
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<tr>
<td>CST 370</td>
<td>Software Engineering</td>
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<tr>
<td>CST Elective₁</td>
<td>Project Based 300-level CST Elective. Consult Advisor.</td>
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<tr>
<td>CST Electives₁</td>
<td>Three 300-level CST Electives</td>
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<tr>
<td>General Electives</td>
<td>Electives to reach 120 total semester hours. Consult advisor</td>
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<tr>
<td><strong>Roosevelt Total:</strong></td>
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₁ Grade of C- or better required
₂ Consultation with Roosevelt Advisor
About Harper College

Harper College in Palatine, Illinois, a public community college, is an integral part of the Illinois community college system. Established in 1965, Harper serves Palatine, Barrington, Schaumburg, Elk Grove, Wheeling and portions of Cuba and Ela Townships. The college schedules day and evening credit and non-credit classes for both full-time and part-time students. Since 1967, the Harper College transfer program has provided the opportunity for thousands of area students to complete the first two years of study toward their bachelor’s degrees. A strong academic program, and the educational planning support of a knowledgeable counseling staff, help ensure the transfer of credit to senior institutions such as Roosevelt University. New students should contact the Center for New Students at (847) 925-6208. Current or previously enrolled students should contact the Academic Advising and Counseling Centers. Call (847) 925-6393 (for D142) and (847) 925-6522 (for I117).

About Roosevelt University

Roosevelt University is non-profit, private university named in honor of Franklin D. and Eleanor Roosevelt with campuses in downtown Chicago and suburban Schaumburg, Illinois, along with online programs. Roosevelt’s award-winning faculty and dedicated staff take pride in pushing Roosevelt’s diverse students to the limits of achievement, inspiring the transformation of lives and communities through the principles of social justice and inclusion. Academic programs are offered in the humanities, sciences, social sciences, business, education, music, theatre, pharmacy and professional studies. Roosevelt is one of the Midwest’s most diverse private universities. The student/faculty ratio is 12:1, average high school GPA of new students is 3.1 and average ACT is 22.6. Roosevelt’s new 32-story “vertical campus” downtown features student housing, science labs, classrooms, and a fitness center. The Schaumburg Campus, a state-of-the-art facility near Woodfield Mall, is a fully commuter campus with ample free parking.

Roosevelt University's admission counselors are available to discuss transfer credits. Please call 877- APPLY RU (877-277-5978) to schedule an appointment.

Roosevelt University Office of Admission
Chicago Campus
430 S. Michigan Ave.
Chicago, IL  60605

Schaumburg Campus
1400 N. Roosevelt Blvd.
Schaumburg, IL  60173

www.roosevelt.edu/admission
877-277-5978
applyRU@roosevelt.edu

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