Be sure to read these important notes:

**Prerequisites.** Many approved distribution courses are advanced courses with one or more prerequisites. Prerequisites are listed in the Undergraduate Catalog and in course descriptions available through the Registrar's webpage. Make sure you have the prerequisites for a course before you decide to enroll.

**Interdisciplinary courses.** Some interdisciplinary courses are approved for inclusion in more than one distribution area. **These courses are listed in bold and italics below**, and all relevant areas are indicated in the "area(s)" column. If you take such a course, you can choose in which eligible area to count it.

**When courses are offered.** This list includes all courses approved for distribution credit for the indicated academic year. The Registrar's Office maintains lists of distribution courses to be offered each quarter, as well as Yearly Course Planners showing each department's planned course offerings for the year. **Some approved courses may not be offered.**

Lists of approved courses from other years:  
[www.weinberg.northwestern.edu/handbook/degree/distribution-requirements/approved-courses.html](http://www.weinberg.northwestern.edu/handbook/degree/distribution-requirements/approved-courses.html)

Registrar's Website: [www.registrar.northwestern.edu](http://www.registrar.northwestern.edu)

<table>
<thead>
<tr>
<th>dept/pgm</th>
<th>number</th>
<th>course title</th>
<th>area(s)</th>
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<tbody>
<tr>
<td>ANTHRO</td>
<td>362</td>
<td>Advanced Methods in Quantitative Analysis</td>
<td>II</td>
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<tr>
<td>COG SCI</td>
<td>207</td>
<td>Introduction to Cognitive Modeling</td>
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<td>CSD</td>
<td>304</td>
<td>Statistics in Communication Sciences and Disorders</td>
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<td>EARTH</td>
<td>322</td>
<td>Introduction to Scientific Computing in the Physical Sciences</td>
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<td>EARTH</td>
<td>326</td>
<td>Data Analysis for Earth &amp; Planetary Sciences</td>
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<td>EECS</td>
<td>110</td>
<td>Introduction to Computer Programming</td>
<td>II</td>
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<tr>
<td>EECS</td>
<td>111</td>
<td>Fundamentals of Computer Programming</td>
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<tr>
<td>GEN LA</td>
<td>280-2</td>
<td>Residence-Linked Seminar - II (Formal Studies topics)</td>
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<tr>
<td>GEN MUS</td>
<td>252</td>
<td>Harmony</td>
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<td>GEN MUS</td>
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<td>Form and Analysis</td>
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<tr>
<td>LING</td>
<td>260</td>
<td>Formal Analysis of Words &amp; Sentences</td>
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<td>LING</td>
<td>270</td>
<td>Meaning</td>
<td>II</td>
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<td>LING</td>
<td>334</td>
<td>Introduction to Computational Linguistics</td>
<td>II</td>
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<td>LING</td>
<td>336</td>
<td>Words, Networks, and the Internet</td>
<td>II</td>
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<td>LING</td>
<td>341</td>
<td>Language Typology</td>
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<td>342</td>
<td>Structure of Various Languages</td>
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<td>Fundamentals of Syntax</td>
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<td>Morphology</td>
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<td>Fundamentals of Meaning</td>
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<td>371</td>
<td>Reference</td>
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<tr>
<td>MATH</td>
<td>100</td>
<td>Quantitative Reasoning (distribution requirement credit applies only to MATH 100-0 and not to the ungraded summer course, MATH 100-BR)</td>
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<tr>
<td>MATH</td>
<td>104</td>
<td>Introduction to Game Theory</td>
<td>II</td>
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<td><strong>MATH 110</strong></td>
<td>Introduction to Mathematics - I</td>
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<td><strong>MATH 202</strong></td>
<td>Finite Mathematics</td>
<td>II</td>
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<td><strong>MATH 211</strong></td>
<td>Short Course in Calculus</td>
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<td><strong>MATH 212</strong></td>
<td>Single-Variable Calculus - I</td>
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<td><strong>MATH 213</strong></td>
<td>Single-Variable Calculus - II</td>
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<td><strong>MATH 214</strong></td>
<td>Single-Variable Calculus - III</td>
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<td><strong>MATH 220</strong></td>
<td>Differential Calculus of One-Variable Functions</td>
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<tr>
<td><strong>MATH 224</strong></td>
<td>Integral Calculus of One-Variable Functions</td>
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<tr>
<td><strong>MATH</strong></td>
<td>A student who has passed a course in Mathematics above 224 with a grade of C- or better will be considered to have satisfied the Distribution Requirement in Area II (Formal Studies).</td>
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<tr>
<td><strong>MATH 327</strong></td>
<td>Mechanics for Mathematicians</td>
<td>I,II</td>
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<tr>
<td><strong>NICO 101</strong></td>
<td>Introduction to Programming for Big Data (0.67 units) -- see note below</td>
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<tr>
<td><strong>NICO 102</strong></td>
<td>Project for Introduction to Programming for Big Data (0.33 units). NOTE: Students must complete both NICO 101 and 102 for 1 credit towards Formal Studies</td>
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<td><strong>PHIL 150</strong></td>
<td>Elementary Logic I</td>
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<td><strong>PHIL 151</strong></td>
<td>Scientific Reasoning</td>
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<td><strong>PHIL 248</strong></td>
<td>Paradoxes</td>
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<td><strong>PHIL 250</strong></td>
<td>Elementary Logic II</td>
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<td><strong>PHYSICS 311-1</strong></td>
<td>Mathematical Tools for the Physical Sciences - I</td>
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<td>Mathematical Tools for the Physical Sciences - II</td>
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<td><strong>POLI SCI 210</strong></td>
<td>Introduction to Empirical Methods in Political Science</td>
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<td><strong>POLI SCI 310</strong></td>
<td>Methods of Political Inference</td>
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<td><strong>POLI SCI 311</strong></td>
<td>Logics of Political Inquiry</td>
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<td><strong>POLI SCI 312</strong></td>
<td>Statistical Research Methods</td>
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<td><strong>POLI SCI 315</strong></td>
<td>Introduction to Positive Political Theory</td>
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<td><strong>PSYCH 201</strong></td>
<td>Statistical Methods in Psychology</td>
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<td><strong>PSYCH 351</strong></td>
<td>Advanced Statistics &amp; Experimental Design</td>
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<td><strong>SLAVIC 341</strong></td>
<td>Structure of Modern Russian</td>
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<td><strong>SOCIO 303</strong></td>
<td>Analysis and Interpretation of Social Data</td>
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<td>Spanish Phonetics and Phonology</td>
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<td><strong>STAT 210</strong></td>
<td>Introductory Statistics for the Social Sciences</td>
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<td><strong>STAT 232</strong></td>
<td>Applied Statistics</td>
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<tr>
<td><strong>STAT</strong></td>
<td>Any 300-level Statistics course (except 398) can count as one credit of the Area II requirement.</td>
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