

# CALS DISTRIBUTION REQUIREMENTS

<u>Physical and Life Sciences</u>	<u>Social Sciences and Humanities</u>		<u>General Guidelines</u>				
<p><i>18 credits in at least 3 disciplines, of which 6 credits must be of introductory biology &amp; 3 credits in chemistry or physics.</i></p> <ul style="list-style-type: none"> <li>• INTRO BIO COURSES: BIO G 101-104, 105-106, 107-108, 109-110</li> <li>• CHEM</li> <li>• PHYS</li> </ul> <p><b>Other Physical &amp; Life Sciences</b></p> <ul style="list-style-type: none"> <li>• ALS 115</li> <li>• ANSC 100, 110, 112, 215, 221, 280, 300, 301</li> <li>• AEM 210</li> <li>• ASTRO</li> <li>• BEE 454, 456, 458, 459</li> <li>• Biological Sciences (any course EXCEPT BIO G 200, 209, 299, 498, 499, &amp; BIONB 431, BIOSM 204)</li> <li>• BTRY/Statistics</li> <li>• CHEM</li> <li>• CSS 190, 260, 311, 312, 314, 315, 317, 366, 415, 455, 473, 483</li> <li>• EAS (EXCEPT 121, 150, 420)</li> <li>• EDUC 115</li> <li>• ENTOM 201, 210, 212, 215, 241, 260, 277, 315, 325, 344, 370, 455, 463</li> <li>• FD SC 200</li> <li>• HORT 220, 243, 317, 400, 426, 440, 445, 449, 455, 460</li> <li>• IARD 414</li> <li>• ILRST 210</li> <li>• Mathematics - (See CALS requirements for graduation.)</li> <li>• NS 115, 222, 262, 320 (300), 331, 332, 341, 347, 361, 431, 441, 452</li> <li>• NTRES 101, 210, 310, 313, 314, 322, 323, 326, 413, 420</li> <li>• PAM 210</li> <li>• PHYS</li> <li>• PL BR 201, 225, 401, 402, 403, 404</li> <li>• PL PA 201, 241, 309, 401</li> </ul>	<p><i>12 credits of 100 — 400 level courses including 6 credits in both categories. First year writing seminars do not count towards this requirement.</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;"><u>Social Sciences</u></th> <th style="width: 50%; text-align: center;"><u>Humanities</u></th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>• AEM 341, 416</li> <li>• AIS 230, 235, 311, 340, 348, 353, 435, 472</li> <li>• ALS 481</li> <li>• ANTHR</li> <li>• ARKEO</li> <li>• BIONB 208</li> <li>• COMM 116, 120, 310, 410, 418, 420, 422</li> <li>• DEA 150</li> <li>• D SOC (except 175, 442)</li> <li>• ECON (EXCEPT 175, 318, 325, 333, 442)</li> <li>• EDUC 271, 317, 370, 378, 411, 451, 471</li> <li>• GOVT</li> <li>• HD 150/250 (students will not receive credit for this course and SOC 151 or 243)</li> <li>• HORT 235</li> <li>• INFO 356</li> <li>• LA/CRP 260, 261, 263</li> <li>• NTRES 331</li> <li>• PSYCH (EXCEPT 111)</li> <li>• S&amp;TS 324, 350, 390, 391, 400, 401, 402, 406, 407, 412, 425, 427, 431, 442, 467, 483</li> <li>• SOC</li> </ul> </td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>• AS&amp;RC (literature &amp; history)</li> <li>• AIS (except 230, 235, 311, 340, 348, 353, 435, 472)</li> <li>• AAS</li> <li>• ARCH 181 &amp; 182</li> <li>• ART H (history only)</li> <li>• ASIAN (literature &amp; history only)</li> <li>• CLASS (literature &amp; history only)</li> <li>• COM L</li> <li>• D SOC 175, 442</li> <li>• EDUC 473</li> <li>• ENGL (literature only)</li> <li>• FGSS 444</li> <li>• FRLIT, GERST, ITALL RUSSL, &amp; SPANL (literature &amp; history only)</li> <li>• HIST</li> <li>• LA 140, 155, 266, 282, 483</li> <li>• MUSIC (theory, literature, &amp; history only)</li> <li>• NES (literature &amp; history only)</li> <li>• NTRES 220, 332, 333, 407, 411, 433</li> <li>• PHIL</li> <li>• RELST</li> <li>• S&amp;TS 205, 206, 233, 250, 281, 282, 286, 292, 358, 360, 381, 384, 389, 433, 444, 447, 472, 481, 490</li> <li>• THETR (theory, literature, &amp; history only)</li> </ul> </td> </tr> </tbody> </table>		<u>Social Sciences</u>	<u>Humanities</u>	<ul style="list-style-type: none"> <li>• AEM 341, 416</li> <li>• AIS 230, 235, 311, 340, 348, 353, 435, 472</li> <li>• ALS 481</li> <li>• ANTHR</li> <li>• ARKEO</li> <li>• BIONB 208</li> <li>• COMM 116, 120, 310, 410, 418, 420, 422</li> <li>• DEA 150</li> <li>• D SOC (except 175, 442)</li> <li>• ECON (EXCEPT 175, 318, 325, 333, 442)</li> <li>• EDUC 271, 317, 370, 378, 411, 451, 471</li> <li>• GOVT</li> <li>• HD 150/250 (students will not receive credit for this course and SOC 151 or 243)</li> <li>• HORT 235</li> <li>• INFO 356</li> <li>• LA/CRP 260, 261, 263</li> <li>• NTRES 331</li> <li>• PSYCH (EXCEPT 111)</li> <li>• S&amp;TS 324, 350, 390, 391, 400, 401, 402, 406, 407, 412, 425, 427, 431, 442, 467, 483</li> <li>• SOC</li> </ul>	<ul style="list-style-type: none"> <li>• AS&amp;RC (literature &amp; history)</li> <li>• AIS (except 230, 235, 311, 340, 348, 353, 435, 472)</li> <li>• AAS</li> <li>• ARCH 181 &amp; 182</li> <li>• ART H (history only)</li> <li>• ASIAN (literature &amp; history only)</li> <li>• CLASS (literature &amp; history only)</li> <li>• COM L</li> <li>• D SOC 175, 442</li> <li>• EDUC 473</li> <li>• ENGL (literature only)</li> <li>• FGSS 444</li> <li>• FRLIT, GERST, ITALL RUSSL, &amp; SPANL (literature &amp; history only)</li> <li>• HIST</li> <li>• LA 140, 155, 266, 282, 483</li> <li>• MUSIC (theory, literature, &amp; history only)</li> <li>• NES (literature &amp; history only)</li> <li>• NTRES 220, 332, 333, 407, 411, 433</li> <li>• PHIL</li> <li>• RELST</li> <li>• S&amp;TS 205, 206, 233, 250, 281, 282, 286, 292, 358, 360, 381, 384, 389, 433, 444, 447, 472, 481, 490</li> <li>• THETR (theory, literature, &amp; history only)</li> </ul>	<p><b>Credit Requirement:</b> 120 credits* are required for graduation, 60 of which must be completed at Cornell.</p> <p><b>College-wide distribution requirements:</b> Regardless of a student's major, all CALS students must fulfill the 39 distribution requirements. Credits received for independent study, field study, teaching, research, or internships <u>cannot</u> be used to fulfill the distribution requirements.</p> <p><b>Math Requirement:</b> <b>All</b> entering undergraduates must take the college math proficiency exam. The CALS exam score determines the college math graduation requirement.</p> <p><b>CALS Coursework:</b> A minimum of 55 CALS credits must be completed.</p> <p><b>Other Statutory Coursework:</b> Elective credits from the other statutory colleges at Cornell can be used a no extra charge.</p> <p><b>Endowed Coursework:</b> A maximum of 55 endowed credits can be completed (any course taken in the Colleges of Arts &amp; Sciences; Architecture, Art and Planning; Engineering, and Hotel School). <u>Additional fees</u> will be charged to students who exceed the maximum. This limit includes courses used to fulfill distribution requirements, major requirements, and electives.</p> <p><b>Letter Grades:</b> A minimum of 100 credits must be graded.</p> <p><b>Structured Coursework:</b> A minimum of 105 credits must be completed as structured coursework — excludes independent study, field, teaching, research, or work experience, and internships.</p> <p><b>*Learning Skills Courses &amp; Repeated Courses</b> Credit for supplemental or review courses as well as credit for repeated courses increase the required number of graduation credits. These cannot be used for distribution credit.</p>
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	<p><b><u>Written &amp; Oral Communication</u></b></p> <p><i>9 credits, of which, at least 6 must be in written expression.</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;"><u>Written Expression</u></th> <th style="width: 50%; text-align: center;"><u>Oral Communication</u></th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>• First-Year Writing Seminars</li> <li>• Sophomore Seminars</li> <li>• COMM 105, 117, 260, 263, 350, 352</li> <li>• English 280, 281, 288, 289, 382—385, 388, 389</li> <li>• FD SC 230</li> <li>• LA 215</li> <li>• NS 105, 230</li> </ul> </td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>• COMM 201, 203</li> </ul> </td> </tr> </tbody> </table>		<u>Written Expression</u>	<u>Oral Communication</u>	<ul style="list-style-type: none"> <li>• First-Year Writing Seminars</li> <li>• Sophomore Seminars</li> <li>• COMM 105, 117, 260, 263, 350, 352</li> <li>• English 280, 281, 288, 289, 382—385, 388, 389</li> <li>• FD SC 230</li> <li>• LA 215</li> <li>• NS 105, 230</li> </ul>	<ul style="list-style-type: none"> <li>• COMM 201, 203</li> </ul>	
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### Questions?

Contact the CALS Registrar's Office in 140 Roberts Hall or call (607) 255-2017  
[CALS\\_Registrar@cornell.edu](mailto:CALS_Registrar@cornell.edu)