ADVANCED PLACEMENT & ADVANCED STANDING

Advanced placement credit is college credit that students earn before they matriculate as first-year students and that may count toward the degree and/or degree requirements as specified by the individual college at Cornell. Its primary purpose is to exempt students from introductory courses and to place them in advanced courses. Its value is that it allows students to include more advanced courses in their course of study.

Sources of Advanced Placement Credit

Advanced placement credit may be earned from the following:

- 1. The requisite score from the Advanced Placement Examinations (AP exams) from the College Entrance Examination Board (CEEB) in Princeton, N.J. The requisite scores, which vary by subject, are determined by the relevant departments at Cornell and are listed below under CEEB's AP Exams.
- 2. Acceptable performance on a Cornell department exam (offered only in some subjects, usually during orientation).
- A regular course taught at an accredited college to college students and approved by the relevant department at Cornell. Some departments accept credit from virtually all accredited colleges; some do not.
- 4. International Examinations as listed below under International Credentials.

Note: Cornell University does not accept credit for courses sponsored by colleges but taught in high schools to high school students, even if the college provides a transcript of such work. Students who have taken such courses may, however, earn credit by taking an appropriate examination as described in paragraph 1 or 2 above.

The appropriate department of instruction within the university sets the standards of achievement that must be met for advanced placement in its subject, recommends Advanced Placement credit for those who meet the standards, and determines whether students place out of certain Cornell courses. The final decision for awarding advanced placement credit at Cornell and applying it to degree requirements rests with each individual college (consult the relevant college sections of the *Catalog*). Students need not accept advanced placement, although forfeiting the advantage of moving quickly into advanced courses affects one's overall education. If they take the Cornell course they have placed out of, they relinquish the advanced placement credit.

Advanced placement examinations

Entering first-year students should request that all their scores from CEEB Advanced Placement Examinations received in high school, be sent from the College Board electronically (Cornell's CEEB code is 2098).

Departmental advanced standing examinations

In certain subjects, students may also qualify for advanced placement or credit, or both on the basis of departmental examinations given on campus during Orientation Week. The departments that award advanced placement and credit on the basis of departmental examinations are shown below under CEEB's AP Exams. Students need to register for those examinations in the relevant department.

Transfer of credit

Entering first-year students who have completed college courses for which they want to receive credit toward their Cornell degree should contact the college for necessary paperwork and send transcripts and course syllabi to their college or school office (https:// registrar.cornell.edu/service-resources/college-registrar-directory/).

CEEB's AP Exams & Department Placement Practices

ArabicN/AN/ADepartment of Near Eastern Studies determines credit and placement based on departmental examination.Biology44a) For Biological Sciences Majors: General elective credit is awarded. This credit can be applied toward the 120 credits required for graduation, but it cannot be used to fulfill requirements for the Biological Sciences Majors: Placement out of 4 credits of Introductory Biology Cluster Courses is permitted. Students are encouraged to confirm with their major department how this placement applies to their specific degree requirements.		Subject	Score(s)	Advanced Placement(AP) Credit	Course Placement
Sciences Majors: General elective credit is awarded. This credit can be applied toward the 120 credits required for graduation, but it cannot be used to fulfill requirements for the Biological Sciences major. b) For Non- Biological Sciences Majors: Placement out of 4 credits of Introductory Biology Cluster Courses is permitted. Students are encouraged to confirm with their major department how this placement applies to their specific degree		Arabic	N/A	N/A	Near Eastern Studies determines credit and placement based on departmental
	3	Biology	4	4	Sciences Majors: General elective credit is awarded. This credit can be applied toward the 120 credits required for graduation, but it cannot be used to fulfill requirements for the Biological Sciences major. b) For Non- Biological Sciences Majors: Placement out of 4 credits of Introductory Biology Cluster Courses is permitted. Students are encouraged to confirm with their major department how this placement applies to their specific degree

Chinese (Mandarin)N/ANo credit.N/AComputer Science A54Placement out of CS 1110. Department also offers placement exam during fall orientation.Computer Science PrinciplesN/ANo credit.N/AN/AScience PrinciplesN/ANo credit.N/AEnvironmental ScienceN/ANo credit.N/A	Biology	5	8	 a) For Biological Sciences Majors: General elective credit is awarded. This credit can be applied toward the 120 credits required for graduation, but it cannot be used to fulfill requirements for the Biological Sciences major. b) For Non- Biological Sciences Majors: Placement out of 8 credits of Introductory Biology Cluster Courses is permitted. Students are encouraged to confirm with their major department how this placement applies to their specific degree requirements. 	Chemistry	5	5	a) Placement out of CHEM 2070 & CHEM 2071 or CHEM 2090 & CHEM 2091. b) A student taking CHEM 1560 & CHEM 1560 & CHEM 2070 & CHEM 2070 & CHEM 2070 & CHEM 2090 & CHEM 2091 will forfeit AP credit. Students taking CHEM 2150 will retain AP credit. c) A student may also receive credit for CHEM 2070 & CHEM 2070 & CHEM 2070 & CHEM 2071, or CHEM 2070 & CHEM 2070 & CHEM 2090 & CHEM 2091 by passing an exam given during Fall orientation. d) A distinct exam is given before the start of the Spring semester that, if passed, will allow a student to receive credit for CHEM 2080 & CHEM 2081. See the Chemistry department website for further information.
Science A of CS 1110. Department also offers placement exam during fall orientation. Computer Science Principles N/A No credit. N/A Environmental N/A No credit. N/A						N/A	No credit.	
Science Principles Environmental N/A No credit. N/A						5	4	of CS 1110. Department also offers placement exam during fall
					Science Principles	N/A		N/A
						N/A	No credit.	N/A

Economics (Micro ¹)	5	3	a) Placement out of ECON 1110.	Human Geography	N/A	No credit	N/A
			b) With a score of 5, Nolan School students will receive credit for HADM 1410.	Italian Language and Culture	4,5	3	Department of Romance Studies determines placement. Students
Economics (Macro ¹) English Lang	5	3 N/A	Placement out of ECON 1120. Varies by college.				should take the CASE ² to obtain appropriate
and Compos	-	N/A	valles by college.				placement.
English Litera and Compos	ition	N/A	Varies by college.	Japanese	N/A	N/A	Department of Asian Studies determines
French Lang and Culture	uage 4,5	3	a) With a score of 4, placement into FREN 2090 or equivalent. b) With a				credit and placement based on departmental examination.
			score of 5, Department of Romance Studies determines placement. Students	Latin	N/A	N/A	Department of Classics determines placement based on departmental examination.
			should take the CASE ² to obtain appropriate placement.	Mathematics BC for non- engineering majors	4,5	8	Placement out of Calculus I (MATH 1110) and Calculus II
German	4,5	N/A	Department of German Studies determines credit and placement based on departmental examination (0 or 3 credits).				(MATH 1120). Alternatively, credit may be obtained by passing a placement exam during orientation.
Government Politics, US	& N/A	No credit	N/A				Students will forfeit 4 credits if they take
Government & Politics, comparative	N/A	No credit	N/A				MATH 1120 or MATH 1910. Students will
Greek, Ancier	nt N/A	N/A	Department of Classics determines placement based on departmental examination.				forfeit all 8 credits if they take MATH 1106 or MATH 1110.
Hebrew	N/A	N/A	Department of Near Eastern Studies determines credit and placement based on departmental examination.				
History, Ame		No credit	N/A				
History, Euro		No credit.	N/A				
History, Worl		No credit	N/A				
History of Ar	t N/A	No credit	N/A				

Mathematics BC for engineering majors	5	4	Placement out of MATH 1910. Alternatively, credit may be obtained by passing a placement exam during	Physics II	5	4	Placement out of PHYS 1102. With a score of 5 on Mathematics BC, placement out of PHYS 2208 OR forfeit credit and take PHYS 1116.
			orientation. Students with a score of 4 are encouraged to take this exam if they believe their score does not fairly reflect their preparation. Students will forfeit credit if they take MATH 1910.	Physics C- Mechanics	5	3 or 4	Placement out of PHYS 1112 (for 3 credits) or PHYS 2207 (for 4 credits). Students given credit for PHYS 1112 must enroll in PHYS 1110. Students intending to major in physics are
Mathematics AB or AB subscore o the Mathematics BC exam for non-engineering majors	f	4	Placement out of Calculus I (MATH 1110) for non-engineering majors. Alternatively, credit may be obtained by passing a placement exam during				recommended to forfeit all credit and take PHYS 1116. Students in CALS majoring in BEE can only be assigned credit for PHYS 1112 per their major requirements.
			orientation. Students will forfeit credit if they take MATH 1106 or MATH 1110.	Physics C- Electricity & Magnetism	5	4	Placement out of PHYS 2213. Students planning to continue with PHYS 2214 must
Music Persian	N/A N/A	No credit. N/A	N/A Department of Near Eastern Studies determines credit and placement based on departmental examination.				first complete PHYS 1110 unless it was taken with PHYS 1112 or PHYS 1116. Students intending to major in
Physics I	5	4	Placement out of PHYS 1101. With a score of 5 on Mathematics BC, placement out of				physics are recommended to forfeit all credit and take PHYS 1116.
			PHYS 2207 OR forfeit credit and	Psychology	4,5	3	Placement out of PSYCH 1101.
			take PHYS 1116.	Spanish Language and Culture	4,5	3	Students should take the LPS ³ and afterward the $CASE^2$ to obtain appropriate

appropriate placement.

Spanish Literature and Culture	4,5	3	Department of Romance Studies determines placement. Students should take the LPS ³ and afterward the	Yiddish	N/A	N/A	Program of Jewish Studies determines credit and placement based on examination.
			CASE ² to obtain appropriate placement.	recommended Introductory M	ning further study to forfeit AP cred licroeconomics or	it and take eith [·] ECON 1120 In	er ECON 1110 troductory
Statistics (excluding Engineering, Nolan School ar Brooks School students)	4,5 Id	4	a) Placement out of AEM 2100, BTRY 3010, BTRY 6010, CRP 1200, ENGRD 2700, ILRST 2100, ILRST 6100, MATH 1710, PUBPOL 2100, PSYCH 2500, SOC 3010, STSCI 2100, STSCI 2100, STSCI 2150, STSCI 2150, STSCI 2200. b) Students in the College of Agriculture and Life Sciences will find credit and placement information on the CALS	² Cornell Advance Klarman Hall, f Goldwin Smith Internatio The policies curre "A" Level Examine Examinations, are summarized in the French Baccalaut the stream or spectrum other secondary Placement Exame for the departme The tables below awarded. International Examinations	ed Standing Exar for French, Italian, Hall, for German mal Creden ently in effect for ations, Internation d the Cambridge he table below. Stur réat or German Al ecialization follow school credential inations of the Co ntal examinations list subjects and Baccalaureat S are awarded adva	nination. Conta and Spanish. C Itials General Certific hal Baccalaurea Pre-University udents may sul bitur for possib red. Accepted s s are urged to so lege Entrance soffered during the marks for w the marks for w the marks for w	ate Higher Level Examinations are bmit results of the le credit depending on students holding any sit for the Advanced Examination Board or g Orientation Week. which credit will be
			website. c) Biological		results from the I.	D. Office.	
			Sciences majors	Subject	Marks		Credit
			see the biological sciences	Anthropology	N/A		Subject to departmental review.
			webpage for AP, IB, and GCE credit for credit and placement information. d) URS majors should see their College Registrar for details on fulfilling the statistics requirement.	Biology	6		a) For Biological Sciences Majors, 4 credits awarded as BIOG 1101F. Credits can count towards 120 credits required for graduation, but cannot be used toward the biological science major. b) For Non-Biological Sciences Majors,
Studio Art	N/A	No credit.	N/A				placement out of 4
Turkish	N/A	N/A	Department of Near Eastern Studies determines				credits of Introductory Biology Cluster Courses.
			credit and placement based on departmental examination.				

Biology	7	 a) For Biological Sciences Majors, 8 credits awarded as BIOG 1102F. Credits can count towards 120 credits required for graduation, but cannot be used toward the biological science major. b) For Non-Biological Sciences Majors, 8 credits awarded for placement out of Introductory Biology Cluster Courses.
Chemical and Physical Systems	6 or 7	8 credits (PHYS 1101 and PHYS 1102)
Chemistry	6 or 7	4 credits (CHEM 2070 & CHEM 2071 or CHEM 2090 & CHEM 2091)
Computer Science	6 or 7	4 credits (CS 1110)
Economics	7	6 credits (ECON 1110 and ECON 1120).
Economics	7	For Nolan School students, 3 credits (HADM 1410) and 3 credits ARTS distribution requirements.
English Literature	N/A	Varies by college.
English Language and Literature	N/A	Varies by college
German	6 or 7	Credit is based on departmental exam.
History	N/A	No credit.
Mathematics ¹ (AA or Al)	6 or 7	4 credits and placement out of Calculus I (MATH 1110). More credit may be obtained by passing a placement exam during Orientation.
Music	N/A	No credit.
Philosophy	N/A	No credit.
Physical Science	6 or 7	8 credits (4 credits, CHEM 2070 & CHEM 2071; 4 credits, PHYS 1101)
Physics	6 or 7	4 credits (PHYS 1101 or PHYS 2207) or 3 credits (PHYS 1112 - must enroll in PHYS 1110)

Mathematics Analysis & Approaches (AA) or Applications & Interpretations (AI)

1

French Baccalauréat Examination

Grades of 14/20 or higher are awarded advanced standing and/or credit according to the following chart. Students must present the original or a certified copy of their examination certificate to receive credit.

Subject	Marks	Credit
Francais écrit (Séries ES, L, S)	14/20 or higher	Credit and placement determined by taking a placement exam (LPF/CASE) during orientation.
Francais écrit (Séries ES, L, S)	16/20 or higher	Credit and placement determined by taking a placement exam (LPF/CASE) during orientation.
Histoire et Géographie (Séries)	N/A	No credit.
Philosophie	14/20 or higher	(Séries ES and L) 3 credits (PHIL 1100)
Mathématiques, Sciences Physiques, Biologie	N/A	Credit and placement determined by taking a placement exam during orientation.

General Certificate of Education (GCE) Advanced ("A") Level Examinations

General Certificate of Education Advanced Level Examinations are awarded advanced standing and credit. Students must present the original or a certified copy of their examination certificate to receive credit.

Subject	Marks	Credit
Biology	A or B	 a) For Biological Sciences Majors, 8 credits awarded as BIOG 1102F. Credit can count towards 120 credits required for graduation, but cannot be used toward the biological science major. b) For Non-Biological Sciences Majors, 8 credits awarded for placement out of Introductory Biology Cluster Courses.
Chemistry	A* or A	8 credits (CHEM 2070 & CHEM 2071 or CHEM 2090 & CHEM 2091 and CHEM 2080 & CHEM 2081)
Chemistry	В	4 credits (CHEM 2070 & CHEM 2071 or CHEM 2090 & CHEM 2091)

Economics	A* or A	6 credits (ECON 1110 and ECON 1120)	Statistics (excluding Engineering and Brook	A*, A, or B s	4 credits. Placement out of AEM 2100,		
Economics	A* or A	3 credits (HADM 1410) and 3 free electives	School students)		BTRY 3010, BTRY 6010, CRP 1200, ILRST 2100,		
English Literature	N/A	Varies by College.			ILRST 6100, MATH 1710, PUBPOL 2100, PSYCH 2500, SOC 3010, STSCI 2100, STSCI 2150,		
Further Mathematics	N/A	Credit and placement determined by taking a placement exam during orientation.					
Mathematics	A*, A, B, or C	4 credits and placement out of Calculus I (MATH 1110). More credit may be obtained by passing a placement exam during orientation. Non-engineering majors who take the A level exam in Singapore will		STSCI 2200. Students in the College of Agriculture and Life Sciences will find credit and placement information on the CALS website. Nolan School students will find credit and placement information in the SHA Student Handbook.			
		receive an additional 4	Osmhridas Dro III				
		credits and placement out of Calculus II	•	niversity Examination			
		(MATH 1120).		to A-level examinations a			
		exam in Singapore any reactive 4 aredits	standing and credit. Students must present the original or a certified copy of their examination certificate to receive credit.				
			Subject	Marks	Credit		
			Biology	M3 or higher	a) For Biological Sciences Majors, 8 credits awarded as BIOG 1102F. Credit can count towards		
Music	N/A	No credit.					
Philosophy	A*, A, or B	Subject to department					
		review.			120 credits required		
Physics	A*, A, or B	or PHYS 2207. 3					
					for graduation, but cannot be used toward		
		credits for PHYS 1112			cannot be used toward the biological science		
		credits for PHYS 1112 - requires PHYS 1110			cannot be used toward the biological science major.		
		credits for PHYS 1112			cannot be used toward the biological science		
		credits for PHYS 1112 - requires PHYS 1110 enrollment. 4 additional credits for PHYS 2208 are granted			cannot be used toward the biological science major. b) For Non-Biological Sciences Majors, 8 credits awarded for		
		credits for PHYS 1112 - requires PHYS 1110 enrollment. 4 additional credits for PHYS 2208 are granted for a combination			cannot be used toward the biological science major. b) For Non-Biological Sciences Majors, 8 credits awarded for placement out of		
		credits for PHYS 1112 - requires PHYS 1110 enrollment. 4 additional credits for PHYS 2208 are granted for a combination of grades of A or B			cannot be used toward the biological science major. b) For Non-Biological Sciences Majors, 8 credits awarded for		
		credits for PHYS 1112 - requires PHYS 1110 enrollment. 4 additional credits for PHYS 2208 are granted for a combination	Chemistry	D2	cannot be used toward the biological science major. b) For Non-Biological Sciences Majors, 8 credits awarded for placement out of Introductory Biology Cluster Courses. 8 credits. Placement out of CHEM 2070 & CHEM 2071 and		
		credits for PHYS 1112 - requires PHYS 1110 enrollment. 4 additional credits for PHYS 2208 are granted for a combination of grades of A or B and a minimum of 8 advanced placement or advanced standing	Chemistry	D2	cannot be used toward the biological science major. b) For Non-Biological Sciences Majors, 8 credits awarded for placement out of Introductory Biology Cluster Courses. 8 credits. Placement out of CHEM 2070		
		credits for PHYS 1112 - requires PHYS 1110 enrollment. 4 additional credits for PHYS 2208 are granted for a combination of grades of A or B and a minimum of 8 advanced placement or advanced standing credits in mathematics. Students planning to major in physics are recommended to forfeit all credit and enroll in	Chemistry Economics	D2 D1, D2, D3	cannot be used toward the biological science major. b) For Non-Biological Sciences Majors, 8 credits awarded for placement out of Introductory Biology Cluster Courses. 8 credits. Placement out of CHEM 2070 & CHEM 2071 and CHEM 2080 &		
		credits for PHYS 1112 - requires PHYS 1110 enrollment. 4 additional credits for PHYS 2208 are granted for a combination of grades of A or B and a minimum of 8 advanced placement or advanced standing credits in mathematics. Students planning to major in physics are recommended to forfeit all credit and enroll in PHYS 1116.			cannot be used toward the biological science major. b) For Non-Biological Sciences Majors, 8 credits awarded for placement out of Introductory Biology Cluster Courses. 8 credits. Placement out of CHEM 2070 & CHEM 2071 and CHEM 2080 & CHEM 2081. 6 credits. Placement out of ECON 1110 and		
		credits for PHYS 1112 - requires PHYS 1110 enrollment. 4 additional credits for PHYS 2208 are granted for a combination of grades of A or B and a minimum of 8 advanced placement or advanced standing credits in mathematics. Students planning to major in physics are recommended to forfeit all credit and enroll in PHYS 1116. Students in the College	Economics	D1, D2, D3	cannot be used toward the biological science major. b) For Non-Biological Sciences Majors, 8 credits awarded for placement out of Introductory Biology Cluster Courses. 8 credits. Placement out of CHEM 2070 & CHEM 2071 and CHEM 2080 & CHEM 2081. 6 credits. Placement out of ECON 1110 and ECON 1120.		
		credits for PHYS 1112 - requires PHYS 1110 enrollment. 4 additional credits for PHYS 2208 are granted for a combination of grades of A or B and a minimum of 8 advanced placement or advanced standing credits in mathematics. Students planning to major in physics are recommended to forfeit all credit and enroll in PHYS 1116.	Economics	D1, D2, D3 N/A	cannot be used toward the biological science major. b) For Non-Biological Sciences Majors, 8 credits awarded for placement out of Introductory Biology Cluster Courses. 8 credits. Placement out of CHEM 2070 & CHEM 2071 and CHEM 2080 & CHEM 2081. 6 credits. Placement out of ECON 1110 and ECON 1120.		

Physics

and B)

D1, D2, D3 (on parts A 4 credits. Placement out of either PHYS 1101 or PHYS 2207, but not PHYS 1112.

Supplementary Information Chemistry and Chemical Biology

The Department of Chemistry and Chemical Biology offers two tracks in introductory chemistry that satisfy prerequisites for further work in the department:

1. CHEM 2070 and CHEM 2071-CHEM 2080 and CHEM 2081

(CHEM 2090 and CHEM 2091-CHEM 2080 and CHEM 2081 for engineering students)

and

2. CHEM 2150.

CHEM 2150 is an accelerated single-semester general chemistry course intended for students with a score of 5 on the AP Chemistry exam, or comparable preparation. Students completing CHEM 2150 may begin CHEM 3590 in their second semester.

First-year students may qualify for advanced placement and advanced standing credits in chemistry by satisfactory performance on the CEEB Advanced Placement Examination or an international examination, or by passing an advanced standing examination offered by the department. A score of 5 on the CEEB examination entitles a student to 4 credits. A student may earn 4 or 8 credits by suitable performance on the departmental examinations. See the Chemistry department (https:// chemistry.cornell.edu) website for further information.

Computer Science

Students who receive a score of 5 on the A version exam of the CEEB Advanced Placement Examination in computer science, or a score of 6 or 7 on the IB exam will receive 4 advanced placement credits and may take CS 2110. These credits may be used to satisfy the requirement in computer programming for students in the College of Engineering.

First-year students may also earn 4 credits by suitable performance on a departmental examination, given during fall Orientation Week. To take the departmental examination, students need only show up at the time and location indicated on the Orientation Week Schedule; advanced sign-up is not necessary.

Mathematics (Calculus)

The Mathematics Department offers a variety of courses suitable for students with advanced placement credit. For guidance in selecting an appropriate course, including how to factor advanced placement or transfer credit into that decision, please consult First Steps in Math. New students will also have an opportunity to speak with a math advisor oneon-one at the Arts & Sciences Open House during fall orientation.

The calculus courses MATH 1110, MATH 1120, and MATH 1910 cover substantially the same topics as calculus courses given in many high schools, and it is best to avoid repeating material that has already been covered at an appropriate level. Secondary-school students who have had the equivalent of at least one semester of calculus should, if possible, take a placement test during their senior year.

The Department of Mathematics offers optional placement examinations during Orientation Week that cover the material of the AP Calculus program. The department exam should be taken by:

- 1. students who have had at least a semester of calculus but did not take a CEEB, GCE, or IB Exam;
- 2. students who believe that their placement is incorrect;
- 3. students who feel that their grasp of the material is uncertain.

Students who have 4 AP credits for calculus will forfeit those credits if they take MATH 1106 or MATH 1110. Students who have 8 AP credits for calculus will forfeit 4 credits if they take MATH 1120 or MATH 1910 and all 8 credits if they take MATH 1106 or MATH 1110.

Engineering students will take the engineering calculus sequence, which assumes one semester of calculus experience before entering Cornell. Engineering students receive no AP credit for Calculus I and may receive 4 AP credits for Calculus II, which they will forfeit if they take MATH 1910, the first course in the engineering calculus sequence. The Engineering Math Advanced Standing Exam will be offered during orientation as an option for students who wish to test out of MATH 1910 and/or MATH 1920.

Modern Foreign Languages

Students who have studied a language for two or more years and want to continue study in that language at Cornell must present the results of a placement test. See "Placement Tests and Advanced Placement Credit" under "Foreign Language Requirements" in the College of Arts and Sciences section of this catalog. Students whose Scholastic Aptitude Test II (SAT II) or AP scores are two years old or more, or who have had a year of formal study or substantial informal study since they last took a placement test should take the Cornell placement test again during Orientation Week if they plan to continue course work.

Advanced standing credit may be earned as follows:

- 1. Students with a score of 4 or 5 on the language Advanced Placement Examination of the CEEB earn 3 credits and are eligible to take the Cornell Advanced Standing Examination (CASE).
- 2. Students who achieve a minimum score of 65 on the Cornell language placement test given during Orientation Week are eligible to take the CASE. Outstanding performance on this examination can result in a maximum of 3 credits.
- 3. For formal language work done after high school at an accredited college, credit is considered by the relevant department on submission of a syllabus and transcript. Note that credit transfer and placement are the result of different processes. Students wishing to enroll in a language course at Cornell are required to take the placement test.
- 4. Native speakers of languages other than English may, if an examination by the appropriate department is available, be granted a maximum of 3 credits in a foreign language.

Information about times and places of placement tests is available in the orientation booklet. For more information, see "Foreign Language Requirement" on the Graduation Requirements page in the College of Arts and Sciences, or contact:

- · Arabic, Munther Younes, 420 White Hall
- · Chinese (Mandarin), Erin Kotmel, 350 Rockefeller Hall (please see the Asian department (https://asianstudies.cornell.edu/) website)

- French, Callean Hile, K165 Klarman Hall (placement test available on the Cornell On-Line Language Tests (https://catalog.cornell.edu/ enrollment-credit-requirements/advanced-placement-standing/ collt.lrc.cornell.edu) webpage)
- German, Anne Chen, 183 Goldwin Smith Hall
- · Hebrew, Shalom Shoer, 418 White Hall
- Italian, Callean Hile, K165 Klarman Hall (placement test available on the Cornell On-Line Language Tests (https://catalog.cornell.edu/ enrollment-credit-requirements/advanced-placement-standing/ collt.lrc.cornell.edu) webpage)
- Japanese, Erin Kotmel, 350 Rockefeller Hall (placement test available on the Cornell On-Line Language Tests (https://catalog.cornell.edu/ enrollment-credit-requirements/advanced-placement-standing/ collt.lrc.cornell.edu) webpage)
- Korean, Meejeong Song, 388 Rockefeller Hall (placement test available on the Cornell On-Line Language Tests (https:// catalog.cornell.edu/enrollment-credit-requirements/advancedplacement-standing/collt.lrc.cornell.edu) webpage)
- Persian, Iago Gocheleishvili, 405 White Hall
- Russian, Slava Paperno, 211 Klarman Hall (contact Slava (sp27@cornell.edu) or see the Russian Language Program (https:// russian.cornell.edu/) webpage)
- Spanish, Callean Hile, K165 Klarman Hall (placement test available on the Cornell On-Line Language Tests (https://catalog.cornell.edu/ enrollment-credit-requirements/advanced-placement-standing/ collt.lrc.cornell.edu) webpage)
- Turkish, Banu Ozer-Griffin, 422 White Hall
- Yiddish, David Forman, 405 White Hall

Physics

Advanced placement and credit are awarded on the basis of the CEEB Advanced Placement Examination in physics (Physics I, Physics II or Physics C), certain international examinations, or the departmental examination (offered during Orientation Week; appointment required). For information about the departmental examination, see the Physics department advanced standing (https://physics.cornell.edu/advancedstanding/) webpage.

Students in the College of Engineering should refer to the College of Engineering AP and Transfer Credit (https:// www.engineering.cornell.edu/registrar/advanced-placement-ap-andtransfer-credit/) webpage.

- Physics I—Students earning a score of 5 may receive 4 credits for PHYS 1101. Those earning in addition a score of 5 in Calculus BC may choose to take 4 credits for PHYS 2207.
- Physics II—Students earning a score of 5 may receive 4 credits for PHYS 1102. Those earning in addition a score of 5 in Calculus BC may choose to take 4 credits for PHYS 2208.
- Physics C—Mechanics: Students earning a score of 5 may receive 4 credits for PHYS 2207 or 3 credits for PHYS 1112 (must enroll in PHYS 1110).
- Physics C-Electricity and Magnetism: Students earning a score of 5 may receive 4 credits for PHYS 2213. Students planning to continue with PHYS 2214 must first complete PHYS 1110 unless it was taken with PHYS 1112 or PHYS 1116
- Students will not receive credit for an advanced placement course if they receive credit for a Cornell course with similar content. Students may receive credit for only one of the courses in each group:

- PHYS 1101, PHYS 1112, PHYS 1116, PHYS 2207
- PHYS 1102, PHYS 2208, PHYS 2213, PHYS 2217
- Students planning to major in physics or applied and engineering physics are strongly recommended to forfeit all AP credit and take PHYS 1116. Students should not take PHYS 2217 without first taking PHYS 1116.

Advanced placement into a next-in-sequence course depends on the completion of the appropriate mathematics prerequisites before enrolling. To qualify for advanced placement credit, it is not necessary to continue the study of physics.

General information and advice may be obtained from the director of undergraduate studies, 115 Clark Hall, or from the Department of Physics, 109 Clark Hall.

Statistics

Students, excluding Engineering and Brooks School students, who have been awarded advanced placement credit for statistics may not also receive academic credit for similar courses taken at Cornell. In particular, they will forfeit those credits if they take AEM 2100, BTRY 3010, BTRY 6010, CRP 1200, ILRST 2100, ILRST 6100, MATH 1710, PUBPOL 2100, PUBPOL 2101, PSYCH 2500, SOC 3010, STSCI 2100, STSCI 2150, STSCI 2200.

Students in the Nolan School should refer to the SHA Student Handbook (http://sha.cornell.edu/current-students/handbook/) for credit and placement information.

Students in the College of Agriculture and Life Sciences should refer to the CALS website (http://cals.cornell.edu/undergraduate-students/ student-services/academic-resources/non-cornell-credit/) for credit and placement information.

Students in the Charles H Dyson School of Applied Economics & Management should refer to the Dyson website (https:// launchpad.dyson.cornell.edu/) for credit and placement information.