

## 2021-2022 Advanced Placement for Students in CALS

The tables below summarize how credit and placement are determined for most subjects. Additional information: [Courses of Study](#). Students are limited to 15 advanced placement credits. Specific Major Requirements are not outlined in the grid below. Students should discuss credit with their faculty advisor or departmental representative.\*

### CEEB's Advanced Placement (AP)

Subject	Score	Credit	Placement	Exceptions/Overlaps	College Distribution Requirement
Arabic	N/A	N/A	For additional information, please refer to the university guidelines for advanced placement <a href="#">credit</a> .		
Biology	5	8 credits		<b>Major requirements are not included. Confirm credit with the department or faculty advisor.</b>	Introductory Life Sciences/Biology, or Physical Life sciences: BIOLS-AG, BIONLS-AG
Biology	4	4 credits		<b>Major requirements are not included. Confirm credit with the department or faculty advisor.</b>	Introductory Life Sciences/Biology, or Physical Life Sciences: BIOLS-AG, BIONLS-AG
Chemistry	5	4 credits	Placement out of 2070 or 2090.	Students taking Chem 1560, 2070 or 2090 will forfeit AP credit. Students taking Chem 2150 will retain AP credit. See <a href="#">Chemistry</a> for further information. <b>Major requirements are not included. Confirm credit with the department or faculty advisor.</b>	Chemistry/Physics, or Physical life sciences: OPHLS-AG
Chinese (Mandarin)	N/A	N/A	No credit		
Computer Science A	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a>		
Computer Science Principles	N/A	N/A	No credit		
Economics, Micro	5	3 credits	Placement out of ECON 1110.	Students taking ECON 1110, or equivalent will forfeit AP credit.	Humanities & Social Sciences: SBA
Economics, Macro	5	3 credits	Placement out of ECON 1120.	Students taking ECON 1120 or equivalent will forfeit AP credit.	Humanities & Social Sciences: SBA
English literature and composition	5	3	Placement out of 3 credits of written expression. ( <b>Students allowed to use one test to fulfill written expression</b> ).		Written Expression
English language and composition	5	3 credits	Placement out of 3 credits of written expression. ( <b>Students allowed to use one test to fulfill written expression</b> ).		Written Expression

5/2021

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Subject	Score	Credit	Placement	Exceptions/Overlaps	College Distribution Requirement
Environmental Science	N/A	N/A	No credit		
French Language	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		
French Literature	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		
German	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		
Government & Politics, U.S.; Comparative	N/A	N/A	No credit		
Greek	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		
Hebrew	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		
American, European and World History	N/A	N/A	No credit		
Human Geography	N/A	N/A	No credit		
Italian Language	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		
Italian Literature	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		
Japanese	N/A	N/A	No credit		
Latin	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		
Mathematics BC for non-Engineering majors	4,5	8 credits	Placement out of Calculus I (MATH 1110) and Calculus II (1120).	Students will forfeit 4 credits if they take MATH 1120, MATH 2220, or MATH 1910 and all 8 credits if they take MATH 1106 or MATH 1110.	Physical Life Sciences: OPHLS-AG Quantitative Literacy Requirement
Mathematics BC for Engineering majors	5	4 credits	Placement out of Math 1910.	Students will forfeit credit if they take MATH 1910. BE/EE students will be placed out of MATH	Physical Life Sciences: OPHLS-AG Quantitative Literacy Requirement

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Subject	Score	Credit	Placement	Exceptions/Overlaps	College Distribution Requirement
				1910. (Students with a score of 4 are encouraged to take CASE if they believe the score does not fairly reflect their preparation).	
Mathematics AB or AB subscore of BC exam (Excl. BE/EE)	4,5	4 credits	Placement out of Calculus I (MATH 1106 or MATH 1110).	Students taking MATH 1106, 1110 or equivalent will forfeit AP credit. <i>Exception: BEE/EE receive no credit.</i>	Physical Life Sciences: OPHLS-AG and Quantitative Literacy Requirement
Music	N/A	N/A	No credit		
Persian	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		
Physics I	5	4 credits	Placement out of PHYS 1101 With a score of 5 in MATH BC, placement out of PHYS 2207 <b>or</b> Forfeit credit and take PHYS 1116	<b>Major requirements are not included. Confirm credit with the department or faculty advisor.</b>	Chemistry/Physics <b>or</b> Physical and Life Sciences: OPHLS-AG
Physics II	5	4 credits	Placement out of PHYS 1102 With a score of 5 in MATH BC, placement out of PHYS 2208 <b>or</b> Forfeit credit and take PHYS 1116	<b>Major requirements are not included. Confirm credit with the department or faculty advisor.</b>	Chemistry/Physics <b>or</b> Physical and Life Sciences: OPHLS-AG
Physics C – Mechanics	5	4 credits	Placement out of PHYS 1112 <b>or</b> 2207 <b>or</b> equivalent <b>or</b> Forfeit credit and take PHYS 1116		Chemistry/Physics <b>or</b> Physical and Life Sciences: OPHLS-AG
Physics C – Electricity/Magnetism	5	4 credits	Placement out of PHYS 2213 <b>or</b> equivalent <b>or</b> Forfeit credit and take PHYS 2217. Students are advised to take PHYS 1116 before PHYS 2217		Chemistry/Physics <b>or</b> Physical and Life Sciences: OPHLS-AG
Psychology	4,5	3 credits	Placement out of PSYCH 1101	Students taking PSYCH 1101 or equivalent will forfeit AP credit.	Humanities and Social Sciences: SBA
Spanish Language	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		
Spanish Literature	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		

Subject	Mark	Credit	Placement	Exceptions/Overlaps	College Distribution Requirement
Statistics (excluding BE/EE)	5	4 credits	Placement out of AEM 2100, BTRY 3010, BTRY 6010, HADM 2010, PAM 2100, PAM 2101, ILRST 2100/6100, STSCI 2100/6100, STSCI 2150, STSCI 2200, SOC 3010, PSYCH 2500 or MATH 1710 or equivalent.	Students taking AEM 2100, BTRY 3010, HADM 2010, ENGRD 2700, PAM 2100, ILRST/STSCI 2100, STSCI 2150, SOC 3010 or MATH 1710 or equivalent will forfeit AP credit. <b>Major requirements are not included. Confirm credit with the department or faculty advisor.</b>	Physical Life Sciences: OPHLS-AG and Quantitative Literacy Requirement.
Studio Art	N/A	N/A	No credit		
Turkish	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		

French Baccalauréat (IB): *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	Mark	Credit	Placement	Exceptions/Overlaps	College Distribution Requirement
Biologie	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		
Français écrit (Séries ES, L, S)	14/20 or higher 16/20 or higher	4 credits 4 credits & 3 credits for CASE	Placement out of FREN 2210. Placement out of FREN 2210.	Students taking FREN 2210 or equivalent will forfeit FB credit.	Humanities & Social Sciences: FL
Histoire et Géographie (Séries S, ES, L)	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		
Philosophie (Series ES and L)	14/20 or higher	3 credits	Placement out of PHIL 1100.	Students taking PHIL 1100 or equivalent will forfeit FB credit.	Humanities & Social Sciences: KCM
Mathématiques, Sciences Physiques, Sciences Economiques	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		

GCE A-Level Exams: *General Certificate of Education Advanced ("A") 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	Placement	Exceptions/Overlaps	College Distribution Requirement
Biology	A or B	8 credits	Placement out of the 6 credits requirement of Introductory Biology Cluster Courses.	<b>Major requirements are not included. Confirm credit with the department or faculty advisor.</b>	Introductory Life Sciences/Biology: BIOLS-AG, BIONLS-AG or Physical Life Sciences: OPHLS-AG
Chemistry	A* or A B	8 credits 4 credits	Placement out of CHEM 2070 <u>or</u> 2090 and 2080 or equivalent. Placement out of CHEM 2070 <u>or</u> 2090 or equivalent.	Students taking CHEM 2070, 2090, 2080 or equivalent will forfeit GCE credit. Students taking CHEM 2070, 2090 or equivalent will forfeit GCE credit.	Chemistry/Physics, or Physical Life Sciences: OPHLS-AG
Economics	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		
English Literature	A *, A, or B	3 credits	Placement out of 3 credits of written expression. <b>(Students allowed to use one test to fulfill written expression).</b>		Written Expression
Further Mathematics	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		
Mathematics	A*, A, B, or C	4 credits (A-level Singapore exam offers additional 4 credits)	Placement out of Calculus I (MATH 1106 or 1110). Students who take the A-level exam in Singapore will receive an additional 4 credits and placement out of Calculus II (MATH 1120 or 1220 or 1910). BE/EE students receive a total of 4 credits if the exam is taken in Singapore. No credit otherwise	Students taking MATH 1106, 1110 or equivalent will forfeit GCE credit.  Students taking MATH 1120, 1220, 1910 or equivalent will forfeit GCE credit.	Physical and Life Sciences: OPHLS-AG and Quantitative Literacy Requirement
Music	N/A	N/A	No credit		
Philosophy	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		
Physics	A*, A, or B	4 credits	For PHYS 1101, 1112, <b>or</b> 2207 or equivalent. Students receiving a minimum of 8 credits of advanced placement in Math will earn an additional 4 credits towards PHYS 2208.	Students taking PHYS 1101, 1112, 2207 or equivalent will forfeit GCE credit.	Chemistry/Physics, or Physical Life Sciences: OPHLS-AG
Statistics (excluding BE/EE)	A*, A, or B	4 credits	Placement out of AEM 2100, BTRY 3010, BTRY 6010, ILRST 2100, ILRST 6100, MATH 1710, PAM 2100, PAM 2101, PSYCH 2500, SOC 3010, STSCI 2100, STSCI 2150, STSCI 2200.	Students taking AEM 2100, BTRY 3010, HADM 2010, ENGRD 2700, PAM 2100, ILRST/STSCI 2100, STSCI 2150, SOC 3010 or MATH 1710 or equivalent will forfeit AP credit. <b>Major requirements are not included.</b>	Physical Life Sciences: OPHLS-AG and Quantitative Literacy Requirement.

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## International Baccalaureate (IB)

*International Baccalaureate (IB) Higher-Level Examinations are awarded advanced standing and credit on receipt of the original or certified copy of the examination results.*

Subject	Marks	Credit	Placement	Exceptions/Overlaps	College Distribution Requirement
Anthropology	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		
Biology	7	8 credits		<b>Major requirements are not included. Confirm credit with the department or faculty advisor.</b>	Introductory Life sciences/Biology: BIOLS-AG, BIONLS-AG or Physical Life Sciences: OPHLS-AG
Biology	6	4 credits		<b>Major requirements are not included. Confirm credit with the department or faculty advisor.</b>	Introductory Life sciences/Biology: BIOLS-AG, BIONLS-AG or Physical Life Sciences: OPHLS-AG
Chemical and Physical Systems	6 or 7	8 credits	Placement out of PHYS 1101 and 1102 or equivalent.	Students taking PHYS 1101, 1102, or equivalent will forfeit IB credit.	Chemistry/Physics or Physical Life Sciences: OPHLS-AG
Chemistry	6 or 7	4 credits	Placement out of CHEM 2070 or 2090 or equivalent.	Students taking CHEM 2070, 2090, or equivalent will forfeit IB credit. <b>Major requirements are not included. Confirm credit with the department or faculty advisor.</b>	Chemistry/Physics or Physical Life Sciences: OPHLS-AG
Computer Science	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		
Economics	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		
English Literature	7	3 credits	Placement out of 3 credits written expression.		<b><i>(Students allowed to use one test to fulfill written expression).</i></b>
English Literature and Language	7	3 credits	Placement out of 3 credits written expression.		<b><i>(Students allowed to use one test to fulfill written expression).</i></b>
History	N/A	N/A	No credit		
Mathematics (Excl. BEE/EE majors)	6 or 7	4 credits	Placement out of Calculus I (MATH 1106 or MATH 1110). More credit may be obtained by passing a placement exam during orientation. (BEE/EE receive no credit).	Students taking MATH 1106, 1110, or equivalent will forfeit IB credit. <i>Exception: BEE/EE receive no credit.</i>	Physical Life Sciences: OPHLS-AG and Quantitative Literacy Requirement
Music	N/A	N/A	No credit		

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Subject	Marks	Credit	Placement	Exceptions/Overlaps	College Distribution Requirement
Philosophy	N/A	N/A	No credit		
Physical Science	6 or 7	8 credits	8 credits (4 credits of CHEM 2070 and 4 credits of PHYS 1101) or equivalent.	Students taking CHEM 2070, PHYS 1101, or equivalent, will forfeit IB credit.	Chemistry/Physics <b>or</b> Physical Life Sciences: OPHLS-AG
Physics	6 or 7	4 credits	PHYS 1101, 1112, or 2207 or equivalent.	Students taking PHYS 1101, 1112, 2207 or equivalent will forfeit IB credit.	Chemistry/Physics <b>or</b> Physical Life Sciences: OPHLS-AG

### Cambridge Pre-U Exams

*Cambridge Pre-University Examinations are considered equivalent to A-level examinations and awarded advanced standing and credit. Students must present the original or a certified copy of their examination certificate to receive credit.*

Subject	Mark	Credit	Placement	Exceptions/Overlaps	College Distribution Requirement
Biology	M3 or higher	8 credits			Introductory Life Sciences/Biology, or Physical Life sciences: BIOLS-AG, BIONLS-AG
Economics	N/A	N/A	For additional information, please refer to the university guidelines regarding advanced placement <a href="#">credit</a> .		
English	D1, D2, D3	3 credits	Placement out of 3 credits written expression.	<b>(Students allowed to use one test to fulfill written expression).</b>	
History	N/A	N/A	No credit		
Mathematics	N/A	N/A	No credit		
Physics	D1, D2, D3 (on parts A and B)	4 credits	Placement of either PHYS 1101 or PHYS 2207, but not PHYS 1112.		Chemistry/Physics <b>or</b> Physical Life Sciences: OPHLS-AG

**\*NOTE: Effective Fall 2019, CALS students are limited to 15 non-Cornell (transfer) credits (this includes all non-Cornell (transfer) credit earned before a student's first semester in a college/university) as a first-year student from an accredited college/university. For those receiving more than 15 credits of AP coursework, you will need to inform the CALS Office of Student Services which credits you wish to accept.**