

# AP<sup>®</sup> and the Cost of College

Recent research is available on the cost of college and how a student's participation in AP<sup>®</sup> relates to college success. The following information summarizes key findings and may be helpful to students as they plan their transition to higher education.

## Finding 1

**Most students take five or six years, and sometimes even longer, to earn their bachelor's degrees at public colleges and universities. Students who take AP courses and exams are much more likely to graduate in four years.**

A 2008 study found that AP students had better four-year graduation rates than those who did not take AP. For example, graduation rates for AP English Literature students were 62 percent higher than graduation rates for those who took other English courses in high school.<sup>1</sup>

Because more than 3,200 colleges and universities in the United States offer credit and/or advanced placement for qualifying AP scores, AP students have the flexibility to double major or study abroad without putting at risk graduation in four years.

## The Difference in Four-Year College Graduation Rates for Students Who...

**Took the AP English Literature course and exam in high school**



**Did NOT take an AP English course and exam in high school**

## Finding 2

**Students who take longer to graduate from a public college or university typically pay between \$8,000 and \$19,000 for each additional year.**

The typical college cost per year for a four-year public institution is \$7,662 for in-state students and \$18,529 for out-of-state students.<sup>2</sup>



**Students attending private institutions who take longer than four years to graduate might expect to incur \$26,197<sup>2</sup> for each additional year it takes to earn a bachelor's degree.**

"I took AP throughout high school because it was the most interesting and well-taught program offered. When I reached college, I realized that I had accumulated a year's worth of credits. I graduated from Michigan's undergraduate business program a full year early, saving \$30,000 and a year's time."

— Nikki Baker, student, University of Michigan

## Finding 3

**Taking AP increases eligibility for scholarships and makes candidates more attractive to colleges.**

31 percent of colleges and universities consider a student's AP experience when making decisions about which students will receive scholarships.<sup>3</sup>

85 percent of selective colleges and universities report that a student's AP experience favorably impacts admissions decisions.<sup>4</sup>

"We often observe a discernible difference between students without any AP experience, who typically only devote a few hours to homework each week, and AP students, who have had to develop the time management skills and the discipline to do the type of time-consuming intellectual work that is required to be successful in college."

— Spencer A. Benson  
Director, Center for Teaching Excellence  
Associate Professor, Department of Cell Biology and Molecular Genetics  
University of Maryland, College Park



<sup>1</sup> Linda Hargrove, Donn Godin, and Barbara Dodd, "College Outcomes Comparisons by AP and Non-AP High School Experiences." The College Board, 2008. To isolate the role of AP, researchers compared "matched" groups of students, meaning the students had similar SAT<sup>®</sup> rank and family incomes, but different experiences with English course work (i.e., they either took the AP course and exam or they took other English courses).

<sup>2</sup> Costs include tuition, fees, and books only, and do not include room, board, and other living expenses. Average Estimated Undergraduate Budgets, 2008-09 (Enrollment-Weighted). The College Board, "Trends in College Pricing," 2008.

<sup>3</sup> Unpublished institutional research, Crux Research, Inc. March 2007.

<sup>4</sup> Unpublished institutional research, Crux Research, Inc. March 2007. For the purpose of this study, selective institutions were defined as those where less than 70 percent of applicants were admitted, the mean SAT score was 1025 or higher, and mean ACT score was 22 or higher.

**Research shows that your AP experience can benefit you in several important ways when you reach college:**

- AP students are more likely to graduate from college in four years - students who take longer to graduate at public colleges and universities can spend up to \$19,000 for each additional year.
- AP helps students qualify for scholarships - 31 percent of colleges and universities look at AP experience when determining scholarships.

### **Earn College Credit and Advanced Placement**

- Receive recognition from more than 3,600 colleges and universities that annually receive AP Exam scores. Over 90% of 4-year colleges in the U.S. provide credit and/or advanced placement for qualifying scores.
- Have time to move into upper-level courses in your field of interest, pursue a double major, or study abroad.
- Design a college experience that suits you and gives you the flexibility to get the most out of your college years.

### **Stand Out in the College Admissions Process**

- Demonstrate your maturity and readiness for college.
- Show your willingness to take the most rigorous courses available to you.
- Emphasize your commitment to academic excellence.

### **Gain Skills that Will Help You Succeed in College**

- Get a head start on college-level work.
- Improve your writing skills and sharpen your problem-solving techniques.
- Develop the study habits necessary for tackling rigorous course work.

### **Broaden Your Intellectual Horizons**

- Be part of a community of students and educators who are passionate, curious, and committed to academic excellence
- Engage in intense discussions, solve problems collaboratively, and learn to write clearly and persuasively
- Take courses that are developed by leading professors to reflect the level of learning happening at colleges throughout the country

**To research the Advanced Placement (AP) Credit policies of all College and Universities click on the following link at the College Board's website:**

**<http://collegesearch.collegeboard.com/apcreditpolicy/index.jsp>**

**Courtesy of Oak Park Parent Amy Zia, we are able to share the policies of several major universities for you in this document.**

# UCLA

<http://www.admissions.ucla.edu/Prospect/APCreditLS.htm>

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## Advanced Placement (AP) Credit

For majors in the [College of Letters and Science](#)

Please note:

- Credit awarded by UCLA as a result of AP exams is subject to change without notice. Course descriptions for each [AP subject](#) are reviewed by UCLA on a yearly basis.
- AP examinations, IB examinations, and college courses taken prior to or after enrolling at UCLA may be duplicative. In these cases we will award credit for only one.
- AP units may be applied toward graduation.
- AP units will not count against the allowable unit maximum for the Bachelor's degree.
- AP credit does not satisfy General Education requirements.

Key to requirement codes

Code	Definition
AH	satisfies American History and Institutions requirement
EW	satisfies Entry Level Writing requirement
FL	satisfies Foreign Language requirement
QR	satisfies Quantitative Reasoning requirement
W1	satisfies English Composition Writing 1 requirement

Last modified: June, 2009

AP Examination		Credit at UCLA		
Exam Name	Score	Subject Area	Title/Course #	Req's Units Met
<b>Art</b>				
- Art History	3-5	ART HIS	Art History	8.0
- Studio Art				
(8 unit max for all 3 exams)				
- Drawing Portfolio	3-5	ART	Art Studio	8.0
- 2-D Design Portfolio	3-5	ART	Art Studio	8.0
- 3-D Design Portfolio	3-5	ART	Art Studio	8.0
<b>Biology</b>	3-5	LIFE SCI	Unassigned	8.0
<b>Chemistry</b>	3	CHEM	Introductory	8.0
	4-5	CHEM	General	8.0
<b>Chinese Language and Culture</b>	3-5	CHIN	Elementary Chinese	8.0

FL

**Computer Science**

(4 unit max for both exams)

- Computer Science A	3-5	COM SCI	Unassigned	2.0	
- Computer Science AB	3-5	COM SCI	Unassigned	4.0	QR

**Economics**

- Macroeconomics	3	ECON	Unassigned	4.0	
	4-5	ECON	2	4.0	
- Microeconomics	3	ECON	Unassigned	4.0	
	4-5	ECON	1	4.0	

**English**

(8 unit max for both exams)

- Language/Composition	3	ENGL	Unassigned	8.0	EW
	4-5	ENGCOMP	3	8.0	EW, W1
- Literature/Composition	3	ENGL	Unassigned	8.0	EW
	4-5	ENGCOMP	3	8.0	EW, W1

**Environmental Science**

3-5	GEOG	Environ Science	4.0	
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**French**

- French Language	3	FRNCH	4	8.0	FL
	4	FRNCH	5	8.0	FL
	5	FRNCH	6	8.0	FL
- French Literature	3-5	FRNCH	Literature	8.0	

**German Language**

3	GERMAN	3	8.0	FL
4	GERMAN	4	8.0	FL
5	GERMAN	5	8.0	FL

**Government and Politics**

- Comparative	3-5	POL SCI	Comparative	4.0	
- US	3-5	POL SCI	United States	4.0	AH

**History**

- European	3-5	HIST	European	8.0	
- US	3-5	HIST	United States	8.0	AH
- World	3-5	HIST	World	8.0	

**Human Geography**

3-5	GEOG	Human Geography	4.0	
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**Italian Language and Culture**

3	ITALIAN	3	8.0	FL
4	ITALIAN	4	8.0	FL
5	ITALIAN	6	8.0	FL

**Japanese Language and Culture**

3-5	JAPAN	Elementary Japanese	8.0	FL
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**Latin**

- Literature	3	LATIN	1	4.0	
	4-5	LATIN	3	4.0	FL
- Vergil	3	LATIN	1	4.0	
	4-5	LATIN	3	4.0	FL

**Mathematics**

(8 unit max for both exams)

- Calculus AB/ AB subscore of BC exam	3-4	MATH	Calculus	4.0	QR
	5	MATH	31A	4.0	QR
- Calculus BC	3	MATH	Calculus	8.0	QR
	4	MATH	31A / Calculus	8.0	QR
	5	MATH	31A and 31B	8.0	QR
<b>Music Theory</b>	3-5	MUSIC	Theory	8.0	
<b>Physics</b> (8 unit max for all 3 exams)					
- Physics B	3-5	PHYSICS	General "B"	8.0	
- Physics C: Electricity/ Magnetism	3-5	PHYSICS	General "C"	4.0	
- Physics C: Mechanics	3-5	PHYSICS	General "C"	4.0	
<b>Psychology</b>	3	PSYCH	Unassigned	4.0	
	4-5	PSYCH	10	4.0	
<b>Spanish</b>					
- Spanish Language	3	SPAN	4	8.0	FL
	4	SPAN	5	8.0	FL
	5	SPAN	6	8.0	FL
- Spanish Literature	3-5	SPAN	Literature	8.0	
<b>Statistics</b>	3-5	STATS	Unassigned	4.0	QR

# UC Irvine

<http://www.editor.uci.edu/05-06/intro/intro.11.htm>

Students who earn scores of 3, 4, or 5 on the College Board Advanced Placement Examinations will receive credit toward graduation at UCI. The unit and subject credit allowed toward degree requirements assigned to each test are shown in the chart.

Students cannot earn units or grade points at UCI in courses from which they have been exempted on the basis of Advanced Placement credit. Students who elect to enroll in courses for which they have already received Advanced Placement credit will have those courses specially coded on their transcript without unit or grade credit. However, some AP examinations exempt the student from a greater number of UCI units than the number of AP units earned (e.g., 4 units of AP credit for Microeconomics exempts a student from Economics 20A-B, an 8-unit series). In such cases, the student may elect to take the final course in the series for credit (e.g., Economics 20B).

## College Board Advanced Placement

Advanced Placement Examination	AP Score	Unit Credit	Credit Allowed Toward Degree
<b>Art</b>			
Art History	3	8	One course toward categories IV and VII-B of the UCI breadth requirement from the Art History 40 series plus 4 units of elective credit; may not replace School of Humanities requirements.
	4 or 5	8	Two courses toward category IV of the UCI breadth requirement from the Art History 40 series and satisfaction of category VII-B; may not replace School of Humanities requirements.
<b>Studio Art<sup>1</sup></b>			
Drawing	3, 4, or 5	8	Elective credit only.
Two-Dimensional Design Portfolio	3, 4, or 5	8	Elective credit only.
Three-Dimensional Design Portfolio	3, 4, or 5	8	Elective credit only.
Biology (Non-Bio Sci)	3, 4, or 5	8	One Biological Sciences course toward

majors)				category II of the
				UCI breadth requirement.
Biology (Bio Sci majors)	3		8	Elective credit only.
	4 or 5		8	Elective credit only.
Chemistry	3		8	Elective credit only.
	4 or 5		8	Chemistry 1A plus 4 units of elective credit.
				(Chemistry 1A/1LA plus 3 units of elective credit for Chemistry
				and Engineering majors.)
Computer Science <sup>2</sup>				
A Exam	3		2	Elective credit only.
	4 or 5		2	Engineering E10, CEE10, EECS10, EECS12, MAE10, or ICS 21.
AB Exam	3		4	ICS 21. <sup>3</sup>
	4		4	Engineering E10, CEE10, EECS10, EECS12, MAE10, or ICS 21. <sup>3</sup>
				Satisfies category V of the UCI breadth requirement.
	5		4	ICS 21 and 22; or Engineering E10, CEE10, EECS10, EECS12,
				or MAE10. Satisfies category V of the UCI breadth requirement.
Economics				
Macroeconomics	3		4	Elective credit only.
	4 or 5		4	Economics 20C.
Microeconomics	3		4	Elective credit only.
	4 or 5		4	Economics 20A-B.
English <sup>1</sup>	3 (on either or both exams)		8	Elective credit only. Fulfills UC Entry Level Writing requirement.
English Composition and Literature	4 or 5 (on either exam)		8	One course toward category IV of the UCI breadth requirement
English Language and Composition				from the English 28 series plus 4 units of elective credit; may not
				replace English major, minor, or School of Humanities requirements.
	4 or 5 (on both exams)		8	Two courses toward category IV of the UCI breadth requirement
				from the English 28 series; may not replace

					English major, minor, or
					School of Humanities requirements.
Environmental Science	3			4	Elective credit only.
	4 or 5			4	Environmental Analysis and Design E8.
<b>French</b>					
French Language	3			8	French 1A-B-C. Satisfies category VI of the UCI breadth requirement.
	4 or 5			8	French 2A-B-C. Satisfies categories VI and VII-B of the UCI breadth
					requirement.
French Literature	3			8	French 1A-B-C. Satisfies category VI of the UCI breadth requirement.
	4 or 5			8	French 2A-B-C. Satisfies categories VI and VII-B of the UCI breadth
					requirement.
<b>Geography</b>					
Human Geography	3, 4 or 5			4	Elective credit only.
German Language	3			4	German 1A-B-C. Satisfies category VI of the UCI breadth requirement.
	4 or 5			8	German 2A-B-C. Satisfies categories VI and VII-B of the UCI
					breadth requirement.
<b>Government and Politics</b>					
American Government	3, 4, or 5			4	Elective credit only.
Comparative Government	3, 4, or 5			4	Elective credit only.
<b>History</b>					
European	3, 4, or 5			8	Elective credit only.
United States	3, 4, or 5			8	Elective credit only.
World	3, 4, or 5			8	Elective credit only
Latin	3 (on one exam)			4	Elective credit only.
Virgil	3 (on both exams)			8	Latin 1A-B-C. Satisfies category VI of the UCI breadth requirement.
Literature	4 or 5 (on one exam)			4	Satisfies categories VI and VII-B of the UCI breadth requirement.
					Course credit toward the Classics major awarded upon petition.
	4 or 5 (on			8	Satisfies categories VI and VII-B of the



		both exams)			UCI breadth requirement.
					Course credit toward the Classics major awarded upon petition.
<b>Mathematics<sup>1</sup></b>					
	<b>AB Exam</b>	3		4	Elective credit only.
		4 or 5		4	Mathematics 2A.
	<b>BC Exam<sup>4</sup></b>	3		8	Mathematics 2A.
		4 or 5		8	Mathematics 2A-B.
<b>Music Theory</b>					
		3		8	Elective credit only.
		4 or 5		8	Elective credit only and eligibility to take the Placement Exam.
<b>Physics<sup>1</sup></b>					
	<b>Exam B</b>	3, 4, or 5		8	Elective credit only.
	Exam C, Part I or II	3		4	Elective credit only.
		4 or 5		4	Physics 7A/7LA
	Exam C, Part I (Mechanics)	5		4	Physics 3A.
	Exam C, Part II (Electricity and Magnetism)	5		4	Physics 3B.
<b>Psychology</b>					
		3, 4, or 5		4	Elective credit only.
<b>Spanish</b>					
	<b>Spanish Language</b>	3		8	Spanish 1A-B-C. Satisfies category VI of the UCI breadth requirement.
		4 or 5		8	Spanish 2A-B-C. Satisfies categories VI and VII-B of the UCI breadth requirement.
	Spanish Literature	3		8	Spanish 1A-B-C. Satisfies category VI of the UCI breadth requirement.
		4 or 5		8	Spanish 2A-B-C. Satisfies categories VI and VII-B of the UCI breadth requirement.
<b>Statistics</b>					
		3, 4, or 5		4	Statistics 7/Mathematics 7 or Social Ecology 13.

<sup>1</sup> Maximum credit 8 units.

<sup>2</sup> Maximum credit 4 units.

<sup>3</sup> Additional placement may be available following individual counseling.

<sup>4</sup> Students who take the Calculus BC examination and earn a subscore of 3 or higher on the Calculus AB portion will receive credit for the Calculus AB examination, even if they do not receive a score of 3 or higher on the BC examination.

# Cal Lutheran University

[http://www.callutheran.edu/admission/undergraduate/academics/ap\\_ib\\_credit.php](http://www.callutheran.edu/admission/undergraduate/academics/ap_ib_credit.php)

## AP Exam Credit

AP Exam	Score	Units Granted	CLU Equivalent
Art - Studio Drawing	3,4, 5	3	Art elective
Art - Studio General	4, 5	3	Art 160
Art - History	3,4,5	3	Art 111
	3	0	Exempt from one Natural Science requirement
Biology	4	4	Bio 111 or 121
	5	6	Bio 120, 121
	3	0	Exempt from one Natural Science requirement
Chemistry	4	4	Chem 151*
	5	8	Chem 151, 152**
	A4, 5	4	CompSci 110
Computer Science	AB 3	4	CompSci 110
	AB	4	CompSci 210
	4,5		
Economic - Micro	4	3	Econ 200
Economic - Macro	4,5	3	Econ 201
	3	0	Eng 101
Lang & Comp	4,5	3	Eng 111
	3	0	Eng 101
Lit & Comp	4	3	Lit. Perspective
	5	4	Lit. Perspective
Environmental Science	4,5	4	Geology 152, 152L
Foreign Languages:			
	3	0	Exempt from French 101
French	4,5	4	French 101
	3	0	Exempt from Spanish 101
Spanish	4,5	4	Spanish 101
	3	0	Exempt from Foreign Language Requirement
German	4	4	Exempt from Foreign Language Requirement and credit in 201
	5	8	201,202
	3	0	Exempt from 1st semester
Other Lang	4,5	4	1st Semester Language
Government and Politics	4, 5	4	PoliSci 201 or 222 (major)
	4	0	Exempt from History Perspective
History - American	5	3	Hist 121 or 122
History - European	4	0	Exempt from History Perspective

	5	3
Latin	4, 5	4
Math - any test	3	0
Math - Calculus AB	4, 5	4
Math - Calculus BC	4, 5	8
Math - Statistics	4, 5	4
Music - Listening & Lit	4, 5	3
Physics B (non-calc)	4, 5	8
Physics C (mechanics)	4, 5	4
Physics C (E & M)	4, 5	4
	3	0
Psychology		
	4, 5	4

### Hist 102

Exempt from Foreign Language requirement

Exempt from Math proficiency

Math 251

Math 251, 252

Elective credit only, does not satisfy Math proficiency

Music 101

Physics 101, 102

Physics 211

Physics 212

Exempt from Psych 200

Psych 200

# Loyola Marymount University

<http://www.lmu.edu/Page27881.aspx>

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## Advanced Placement

LMU participates in the Advanced Placement Program of the College Board. Students may be granted credit at the time of entrance into the University for subjects in which they have completed the AP examinations with scores of 4 or better. When official scores have been received from the College Board, applicants will be notified of the advanced placement and course credit in accordance with the following:

AP Exam	Minimum AP Score Required	Semester Hours Awarded	Equivalent LMU Course(s)
Art: History of Art	4	6	Art History 200 and 201
Art: Studio Art - Drawing, General*	4	6	no specific course
Biology	4	6	no specific course
Chemistry	4	8	Chemistry 110, 111, 112, and 113
Computer Science A	4	3	Computer Science 182
Computer Science AB	4	3	Computer Science 182
Economics: Macroeconomics	4	3	Economics 120
Economics: Microeconomics	4	3	Economics 110
English Language and Composition	4	3	English 110
English Literature and Composition	4	3	English 140
Environmental Science	4	2	Natural Science 101
European History	4	3	History 101
French Language***	4	9	French 101, 102, and 203
French Literature***	4	9	no specific course
German Language***	4	9	German 101, 102, and 201
Government and Politics: Comparative	4	3	Political Science 155
Government and Politics: United States	4	3	Political Science 135
History, U.S.	4	6	History 161 and 162
Latin: Literature	4	3	Latin 311
Latin: Virgil	4	3	Latin 312
Mathematics: Calculus AB	4	4	Mathematics 131
Mathematics: Calculus BC	4	8	Mathematics 131 and 132

Music Theory**	4	3	Music 104
Physics B	4	10	Physics 253 and 254
Physics C: Mechanics	4	4	Physics 101
Physics C: Electricity and Magnetism	4	4	Physics 201
Psychology	4	3	Psychology 101
Spanish Language***	4	9	Spanish 101, 102, and 203
Spanish Literature***	4	9	no specific course
Statistics	4	3	Mathematics 104

\* Credit subject to final review by Art faculty.

\*\* Credit subject to final review by Music faculty.

\*\*\* Maximum of 9 semester hours of language credit may be granted, whether for language or literature on both exams.

Note: Essay is required for all examinations offering optional essays.

# Indiana University Bloomington

[http://ud.iub.edu/fs\\_ap.php](http://ud.iub.edu/fs_ap.php)

## Advanced Placement (AP) Articulation

Subject	Score	Department	Course	Credit Hours
Art: History	5	FINA-A	101/102	3/3
Art: Studio	3-4	FINA-UN		3
	5	FINA-UN		5
Biology	4	BIOL-E	112	3
	5	BIOL-E	111/112	3/3
Chemistry	5	CHEM-C	117	5
Computer Science: A	3-4-5	CSCI-A	201	4
Computer Science: B	2-3	CSCI-A	201	4
	4-5	CSCI-A	201/202	4/4
Economics: Micro	4-5	ECON-E	201	3
Economics: Macro	4-5	ECON-E	202	3
English: Composition & Literature	4-5	ENG-L	198	3
English: Language & Composition	4-5	---	---	---
(A score of 4-5 also earns exemption from the composition requirement in every school.)				
Environmental Science	4-5	SPEA-E	272	3
French: Language	3	FRIT-F	200	3*
	4-5	FRIT-F	200/250	3/3*
French: Literature	3**	FRIT-F	200/250	3/3*
	4-5***	FRIT-F	200/250	3/3*
(*Full-time students will also receive 8 free Special Credit hours for 100-level courses.)				
(**The placement recommendation for this score is FRIT-F 300.)				
(***)The placement recommendation for this score is FRIT-F 300, or higher with FRIT permission.)				
Geography: Human Geography	3-5	GEOG-G	110	3
German: Language	2	GER-G	100	4
	3-4**-5***	GER-G	200/250	3/3*

(\*Full-time students will also receive 8 free Special Credit hours for 100-level courses.)

(\*\*The placement recommendation for this score is GER-G 330.)

(\*\*\*The placement recommendation for this score is GER-G 400.)

Government: American	4-5	POLS-Y	103	3
Government: Comparative	4-5	POLS-Y	107	3
History: American	4-5	HIST-H	105/106	3/3
History: European	4-5	HIST-H	103/104	3/3
History: World	4-5	HIST-W	100	3
Italian	3	FRIT-M	100	4
	4	FRIT-M	100/150	4/4
	5	FRIT-M	100/150/200	4/4/3
Latin: Vergil	3	CLAS-L	100/150	4/4
	4-5**	CLAS-L	200/250/309	3/3/3*
Latin: Lyric	3	CLAS-L	100/150	4/4
	4-5**	CLAS-L	200/250/304	3/3/3*
Mathematics: Calculus AB	4-5	MATH-M	211	4
Mathematics: Calculus BC	4-5	MATH-M	211/212	4/4
Mathematics: Statistics	4-5	STAT-S	300	4
Music	3	MUS-UN		3
	4	MUS-UN		4
	5	MUS-UN		5
Physics: B	4	PHYS-P	201	5
	5	PHYS-P	201/202	5/5
Physics: C: Mechanics	4-5	PHYS-P	221	5
Physics: C: Electricity & Magnetism	5	PHYS-P	222	5
Psychology	4-5	PSY-P	101	3
Spanish: Language	3	HISP-S	200	3
	4	HISP-S	200/250	(3-3)6
	5	HISP-S	200/250/280	(3-3-3)9
Spanish: Literature	3	HISP-S	200	3
	4	HISP-S	200/250	(3-3)6
	5	HISP-S	200/250/334	(3-3-3)9

(\*Full-time students will also receive 4 free Special Credit hours for 100-level course.)



# Harvard University

<http://www.fas.harvard.edu/~advising/advanced/general.html>

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Freshmen who have taken College Board Advanced Placement exams need a total of four full credits to be eligible for Advanced Standing. Credits are earned by scoring 5 on a minimum of four AP tests. Certain AP examinations test material covered in one semester only, and for each of these, Harvard confers only one half credit toward Advanced Standing. For example, Calculus AB is equivalent to Math 1a, a semester course at Harvard, whereas Calculus BC includes material addressed in a full year of college mathematics. Thus, the Calculus AB test is valued at one half credit and the Calculus BC test, a full credit. See the summary chart below for the credit for specific tests, paying particularly close attention to the restrictions described in the footnotes. Two half-credit exams count as one full credit toward the four required for Advanced Standing eligibility.

Harvard offers no credit toward Advanced Standing for the following Advanced Placement examinations: *Art (Studio & Portfolio)*, *Comparative Government and Politics*, *Computer Science A*, *Environmental Science*, *Human Geography*, *International English*, *U.S. Government and Politics*; or any other not listed for credit on the following page.

A score of **5** on the following College Board Advanced Placement examinations may earn **one full credit** toward eligibility:

Art (History)

Biology

Calculus BC<sup>1</sup>

Chemistry

Economics (micro **and** macro)

English (literature and composition)<sup>2</sup>

French (language)<sup>3</sup>

French (literature)<sup>3</sup>

German (language)

History (European)

History (United States)

Italian (language and culture)

Physics B<sup>4</sup>

Spanish (language)<sup>3</sup>

Spanish (literature)<sup>3</sup>

A score of **5** on the following College Board Advanced Placement examinations may earn **one half credit** toward eligibility:

Calculus AB (or Calc AB subscore)<sup>4</sup>

Computer Science AB

Economics (micro)

Economics (macro)

English (language and composition)<sup>2</sup>

Latin Literature

Latin: Vergil

Music (theory)<sup>5</sup>

Music (listening and literature)<sup>5</sup>

Physics C (E&M)<sup>4</sup>

Physics C (Mechanics)<sup>4</sup>

Psychology

Statistics

The following College Board Advanced Placement examinations may **NOT** be used for eligibility:

*Art (Studio and Portfolio)*

*Comparative Government and Politics*

*Computer Science A*

*Environmental Science*

*Human Geography*

*International English*

*United States Government and Politics.*