

# 2016-2017 SCHOOL YEAR: SCHOOLS THAT REQUIRE, RECOMMEND OR UTILIZE SAT SUBJECT TESTS IN ADMISSION OR FOR PLACEMENT/CREDIT

All data provided on this list are current for the 2016-2017 school year. Special circumstances and unusual conditions are indicated wherever known, so please read this list carefully. In **all** cases, however, be certain to double-check with the school(s) to which you are applying to assure that information on SAT Subject testing is both accurate and up-to-date. Sources of information consulted in the compilation of this list include: *The College Handbook 2017*, published by The College Board; individual college catalogs and web pages; the *Common Data Set* of The College Board; the National Center for Education Statistics; and direct contact with individual admission offices

The list is organized by state with colleges and universities listed alphabetically within each section. If no bracketed statement follows the name of the college, SAT Subject Tests are **REQUIRED** for admission to that school. The number of SAT Subject Tests required for admission follows the name of the school. If specific numbers and/or content of SAT Subject Tests are prescribed, this is indicated by <characters in carats>—otherwise, students are free to submit any SAT Subject Tests of their choosing. In all other cases—SAT Subject Tests recommended or known special circumstances—specific information is provided if it is known. If there is a particular number of SAT Subject Tests a school recommends, this is noted; if the school in question does not specify a number, the designation is simply “recommended.”

A special note to homeschooled students: your requirements may be somewhat more extensive than those for individuals that attend public or private school. Please be certain to check with each individual college or university regarding SAT Subject Test requirements (or recommendations) for homeschooled students. The same goes for international students as regards differential expectations and requirements (such as TOEFL, ELPT or additional Subject Tests). Please be sure to check with each individual college or university to which you apply!

**NOTE:** References to SAT are to both the “new” version of the test (March 2016 and later) and the “old” version (three parts with Writing section, prior to March 2016)

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## ALBERTA

University of Alberta ["Applicants from the US may be considered for admission in one of three ways, [including the attainment of] an acceptable score on the SAT Subject Test in the appropriate subjects. These are: Biology E or M, 590; Chemistry, 600; Chinese, 750; French, 580; German, 560; Hebrew, 600; Italian, 620; Japanese, 600; Korean, 600; Latin, 600; Literature, 550; Math Level 2, 600; Physics, 600; Spanish, 570; US History, 620; World History, 620. Critical Reading (600) and Math (600) from the SAT may be used to meet the English and Math subject requirements. Grade equivalencies **or** AP/IB test results **or** Subject Test scores must be presented in five different curriculum areas: English, Humanities (includes History and Languages), Fine Arts (no Subject Tests in Fine Arts), Mathematics and Science"]

## CALIFORNIA

California Institute of Technology (Cal Tech) <must take Math Level 2 and either Physics, Chemistry or Biology>  
Chapman University [**optional**—will be considered if submitted]  
Claremont McKenna College [**optional**—will be used for placement purposes only if submitted]  
Deep Springs College [**optional**—will be used "to better understand a student" if sent]  
Harvey Mudd College <must take Math Level 2 and one of student's choice>  
Mills College [**optional** if student application "**may be enhanced**" by submission of Subject Tests]  
Occidental College [**optional**—will be considered if submitted]  
Pomona College [**optional**—will be considered if submitted]  
Scripps College [**optional**—will be used for placement if submitted]  
Stanford University [**recommended but not required**]  
University of California system—[**recommended—see below reprinted directly from UC website**]

### Recommended SAT Subject Tests

Remember, these are recommendations, not mandates. You will not be penalized for failing to take the SAT Subject Tests. On the other hand, submission of these test scores (just like submission of AP and/or IB scores) may add positively to the review of your application

## Berkeley

*College of Chemistry and College of Engineering: Math Level 2 and a science test (Biology E/M, Chemistry, or Physics) closely related to the applicant's intended major*

**Davis**

Not recommended for any area

**Irvine**

*Henry Samueli School of Engineering: Math Level 2 and a science test (Biology E/M, Chemistry, or Physics) closely related to the applicant's intended major.*

*Department of Pharmaceutical Sciences: Biology M, Chemistry, and/or Math Level 2*

*School of Physical Sciences: Chemistry and Math Level 2 for chemistry, earth system science, mathematics, and physics majors.*

*Program in Public Health: Biology E, Biology M, and/or Chemistry for public health science majors; Biology E, Biology M, and/or World History for public health policy majors*

**Los Angeles**

*Henry Samueli School of Engineering and Applied Science: Math Level 2 and a science test (Biology E/M, Chemistry, or Physics) closely related to the applicant's intended major*

**Merced**

No recommendation at this time

**Riverside**

*College of Natural and Agricultural Sciences and Bourns College of Engineering: Math 2 and Chemistry or Physics, for all majors*

**San Diego**

*Jacobs School of Engineering and biological or physical sciences majors: Math Level 2 and a science test (Biology E/M, Chemistry, or Physics) closely related to the applicant's intended major*

**Santa Barbara**

*College of Engineering: Math Level 2*

*College of Creative Studies:*

- Math Level 2 for math majors
- Math Level 2 and Physics for physics majors
- Biology for biology majors
- Chemistry for biochemistry and chemistry majors
- Math Level 2 for computing majors

**Santa Cruz**

Not recommended for any area

University of the Pacific [**“strongly recommended”** in Math Level 1 or 2 for all applicants for placement purposes; **“strongly recommended”** in Math Level 1 or 2 **and** Chemistry for the following majors: biological sciences; biochemistry; bioengineering; chemistry; chemistry-biology; civil engineering; electrical engineering; engineering management; engineering physics; mechanical engineering; physics; pre-dental studies; pre-medical studies; pre-pharmacy studies]

**CONNECTICUT**

Connecticut College [submission of standardized testing **optional**; if submitted, student may choose from SAT **or** ACT **or two** Subject Tests]  
Trinity College [**optional**—will be considered if submitted]  
Wesleyan University [**optional**—will be considered if submitted; please note, however, in addition the following statement from Wesleyan admissions:

Note: Because standardized test results are used for academic counseling and placement, as well as for our institutional research, all entering first-year students must submit ACT or SAT and two SAT Subject Test scores after the conclusion of the admission process and prior to matriculating at Wesleyan.

Yale University [**recommended**]

**DELAWARE**

University of Delaware [**two** recommended, especially for candidates to Honors Program]

**DISTRICT OF COLUMBIA**

American University [submission of all testing **optional**; Subject Tests used for placement in mathematics and world languages]

Catholic University of America [submission of all testing **optional**; Subject Test **or** AP/IB exam in Language **recommended** for Arts/Sciences and Philosophy candidates prior to matriculation—can take university placement test or submit AP/IB results if no prior exam; Subject Tests **recommended** in other disciplines and used for placement purposes]

George Washington University [submission of all testing **optional**; however, Subject Tests **required** for applicants to accelerated BA/MD program: **any** math **and any** science]

Georgetown University [**three “strongly recommended”**]

## FLORIDA

Florida Atlantic University [**recommended** for applicants to seven year Wilkes Medical Scholars Program BS/MD program: one or more among math (Level 2), biology, chemistry and literature]

University of Florida [**optional** and used for placement only—if submitting math, **must** be Level 2]

University of Miami [Subject Tests **required** in Math and one Science for all applicants to Dual Degree Programs in Medicine and in Biochemistry/Molecular Biology]

## FRANCE

*Institut D’Etudes Politique de Paris* (Paris Institute of Political Studies or “Sciences Po” [**optional**: “a choice of two”])

## GEORGIA

Emory University [**“encouraged”**—this includes students applying to Oxford College of Emory University]

Georgia Institute of Technology (Georgia Tech) [**optional**—**“you are welcome to submit them if you think they support your application”**]

Morehouse College [**optional**: will be considered for placement if submitted]

University of Georgia [recommended for placement purposes, especially in math]

## ILLINOIS

Northwestern University [Math Level 2; Chemistry; **and** Physics **required** of applicants to Integrated Science Program; Math Level 2 **and** Chemistry **required** of applicants to Honors Program in Medical Education; **two recommended** for all other applicants]

## INDIANA

Indiana University Bloomington [**optional**—Biology E or M Subject test used for placement/credit purposes if submitted]

University of Notre Dame [Subject Tests “**only considered in admission process if scores enhance an application**” and are “**also used for credit and placement in the first year of studies in French, Italian, German and Spanish**”]

## MAINE

Bates College [submission of all testing **optional**—will be considered in admission process if submitted]

Bowdoin College [submission of all testing **optional**—will be considered in admission process if submitted]

Colby College [applicants may submit SAT **or** ACT **or three** Subject Tests in different areas (cannot submit Math 1 and Math 2 or Spanish and Spanish with Listening, e.g.)]

## MARYLAND

Johns Hopkins University [**optional**: will consider highest two if submitted; if applying in Engineering, Math Level 2 **and** one science Subject Test “**strongly encouraged**”]

## MASSACHUSETTS

Amherst College [**optional**: “**applicants who wish to submit Subject Tests may do so for consideration as part of the evaluation process**”]

Babson College [**optional**—will consider if submitted; “**the Admissions Committee will review any other exam results that applicants wish to submit**”]

Boston College [**optional**—“**if you would like to highlight a talent in a specific area, you are welcome to submit Subject Tests. Subject Tests may be used for placement in World Language in first year studies**”]

Boston University [SAT **or** ACT **and** Subject Tests **required** for accelerated programs: Accelerated Liberal Arts/Medical Education Combined Degree Program: **two** Subject Tests—Chemistry and Math Level 2 **required**, Subject Test in world language **recommended**; Accelerated Liberal Arts/Dental Education Combined Degree Program: **two** Subject Tests—Chemistry and Math Level 2 **required**, Subject Test in world language **recommended**]

College of the Holy Cross [“**submission of all standardized testing is entirely voluntary**”; will consider Subject Tests in admission if submitted]

Harvard and Radcliffe Colleges <"normally, two"> ["you may apply without them if the cost of taking the tests represents a financial hardship or if you prefer to have your application considered without them" For those who do submit: "Students should not submit two Subject Tests in math. Candidates whose first language is not English should NOT use a Subject Test in their first language to meet Subject Test requirements"]

Massachusetts Institute of Technology (MIT) <one Math, one Science>

Massachusetts Maritime Academy [**recommended**: will be considered if submitted]

Olin College of Engineering [**optional**—will be considered if submitted]

Smith College [submission of standardized testing **optional**—will consider Subject Tests if submitted]

Tufts University [ACT may be submitted in lieu of **both** SAT and **two** Subject Tests; if SAT option chosen, prospective engineering majors **required** to submit **either** Math Level 1 **or** Level 2 **and either** Chemistry **or** Physics; prospective science/math majors in Arts/Sciences math and science Subject Tests **recommended**]

Wellesley College [ACT may be submitted in lieu of **both** SAT and **two** Subject tests; prospective science/math majors are "**strongly encouraged**" to submit at least one in quantitative subject]

Wheaton College [submission of standardized testing **optional**, will consider Subject Tests if submitted]

## MICHIGAN

University of Michigan [**optional**: "if you include these (Subject Tests) results as part of your application, we will consider them only in light of how they might benefit your review"]

## MINNESOTA

Carleton College [**optional**]

Macalester College [**optional**—will be considered if submitted]

## NEVADA

Deep Springs College [**optional**—will be used "to better understand a student" if sent]

## NEW HAMPSHIRE

Dartmouth College [two **recommended**]

## NEW JERSEY

Princeton University [two **recommended**; if applying for a Bachelor's of Science in Engineering, Physics **or** Chemistry **and** Math Level 1 **or** 2 **recommended**]

Stevens Institute of Technology [Math Level 1 **or** Math Level 2 **and** Biology **or** Chemistry **required** if applying for accelerated pre-medical or pre-dental degrees]

## NEW YORK

Barnard College [**optional**: used for placement if submitted]

Clarkson University [**recommended**]

Columbia University [**optional**: will be considered if submitted]

Cooper Union for the Advancement of Science and Art [Math Level 1 **or** Level 2 **and** Physics **or** Chemistry **required** of engineering applicants]

Cornell University [**required or optional** as below]

Agriculture and Life Sciences: **optional**

Architecture, Art and Planning: **optional**

Arts and Sciences: **two required**

Business—Hotel Management: **optional**

Business—Applied Economics and Management: **optional**

Engineering: **required** Science and Math

Human Ecology: **optional**

Industrial and Labor Relations: **optional**

Hamilton College [submit **one** of the following: ACT; SAT; any of these three SAT Subject tests—math, chemistry, physics; three Advanced Placement (AP) tests; three International Baccalaureate (IB) tests; **or a combination of any three of the preceding exams**, provided that at least one is verbal/writing and one is quantitative; AP English Literature **not** accepted as verbal/writing submission; AP Statistics **not** accepted as quantitative submission]

Hobart and William Smith Colleges [submission of standardized testing **optional**—will be considered if submitted]

Hofstra University [submission of standardized testing **optional**—will be considered if submitted]

New York University (NYU) [must provide one of the following:

SAT **or** ACT **or three** Subject Tests (one math or science; one literature or humanities; one elective) **or three** IB HL **or**

AP Exam scores (one math or science; one literature or humanities; one elective) **or** evidence of completion of the IB Diploma. AP and IB exams **must be taken prior to senior year** to be applicable during the admissions cycle. Applicants to the Stern School of Business who do **not** provide SAT or ACT scores **must** provide a score from a mathematics examination. Applicants to the Tandon School of Engineering who do **not** provide ACT or SAT scores **must** provide one Subject Test in literature or humanities; one in math; and one in science. Note also this statement on the NYU



website: “Students may instead select to submit result from a nationally accredited exam that is considered locally to signify the completion of secondary education; is administered independently of the student’s school; and has been approved by the NYU Office of Admissions”]

Pratt Institute [Level 1 or 2 math **recommended** for applicants to architecture program]

Rensselaer Polytechnic Institute (RPI) [Subject Tests in Math and Science **required** of all applicants to accelerated degree programs in law and medicine; **optional** for all other candidates]

Union College [standardized testing **optional, except:** applicants to eight-year BS/MD program in Leadership in Medicine and Health Management **must** submit SAT **and** one math **and** one science Subject Test **or** ACT]

University of Rochester [SAT **or** ACT **or two or more** Subject Tests **or** IB HL exams **or** AP exams **or** results from national secondary school exams such as British A level can be submitted; Math **and** Biology **or** Chemistry Subject Tests “**strongly encouraged**” for all applicants to Rochester Early Medical Scholars Program]

Vassar College [**optional:** will be considered if submitted; Subject Tests in World Language used for placement/proficiency]

Webb Institute (of Naval Architecture) <Chemistry **or** Physics; **and** Math Level 1 **or** Math Level 2>

## NORTH CAROLINA

Davidson College [**two** Subject Tests of student choice **recommended**]

Duke University [two “**strongly recommended**”; Arts/Sciences applicants are “**encouraged**” to take Subject Tests in World Language; Engineering applicants “**strongly recommended**” to submit Math Level 1 **or** Math Level 2 **and** one other of student’s choice]

North Carolina Central University [**recommended**]

North Carolina State University [Math Level 2; an AP Calculus exam (AB or BC); or completion of NC State Online Math Skill Test **required of accepted students who wish to enroll in a university mathematics course**; Subject Tests in World Language used for placement purposes if submitted]

University of North Carolina, Chapel Hill [“**you may submit any Subject Test results if you think they’re a good reflection of the mastery of material**”; Math Level 2; AP Calculus AB **or** BC; **or** IB Math HL exams **required of accepted students for placement purposes only if student will enroll in a Calculus course**; Math Level 1 **required of accepted students for placement purposes only if student does not intend to enroll in a non-Calculus math course**; Subjects Tests in Latin, German,

Chinese, Spanish, Korean, Japanese and French **optional** and used for placement purposes only]  
Wake Forest University [**optional**—will be considered if submitted]

## OHIO

Case Western Reserve University [**optional**—will be considered if submitted]  
Kenyon College [**optional**—will be considered if submitted]  
Oberlin College [**optional**—“if you take any Subject exams, you may send us your scores”]

## ONTARIO

University of Toronto <**required or recommended** as follows>  
Applied Science and Engineering: **three recommended**  
Architectural Studies and Visual Studies: **two**, one of which must be in **math**; candidate may also use AP or IB tests to fulfill this requirement  
Arts, Humanities, Social Sciences: **two** of student's choice “in **different subject areas**”; however, one Math Subject Test **required** for any math-based major; applicant may also take any combination of **two** AP, IB or Subject Tests in different subject areas to fulfill this requirement  
Commerce, Business, Management: **same as above**  
Computer Science: **same as above**  
Life/Biological Sciences and Psychology: **same as above**  
Music: **same as above**  
Physical Education and Health/Kinesiology: **same as above**  
Physical/Mathematical/Chemical Sciences: **same as above**

## OREGON

Reed College [**optional**: will be considered if submitted]

## PENNSYLVANIA

Allegheny College [submission of standardized testing **optional**—will be considered if submitted]  
Bryn Mawr College [submission of standardized testing **optional**—will be considered if submitted]  
Bucknell University [**optional**—will be considered if submitted; Subject Test in World language **recommended** for placement purposes]  
Carnegie Mellon University [**required** or otherwise as below]  
College of Fine Arts: Architecture [Math Level 1 **or 2 and** Chemistry **or** Physics **required**]  
College of Fine Arts: Other [**neither** required **nor** recommended]

College of the Humanities and Social Sciences [Math Level 1 **or 2 and one of student's choice required**]  
 Dietrich College of Engineering [Math Level 2 **and Chemistry or Physics required**]  
 Information Systems [same as above]  
 Mellon College of Science [Math Level 1 **or 2 and one of the three sciences: Biology, Physics, Chemistry required**]  
 School of Computer Science [same as above]  
 Tepper School of Business [Math Level 1 **or 2 and one of student's choice, preferably a science**]  
 Dickinson College [submission of standardized testing **optional**—will be considered if submitted]  
 Lafayette College [Subject Tests **recommended**, considered for placement In French, German and Spanish if submitted]  
 Lehigh University [**recommended** for placement]  
 Swarthmore College [**recommended**—will be considered if submitted]  
 University of Pennsylvania [**two recommended** as follows:  
 Arts and Sciences: any two  
 STEM applicants: “**recommended**” to submit Math Level 2 and a science—if Engineering and Applied Science, that science should be Physics;  
 Wharton “**recommended**” to submit Math Level 2;  
 Nursing “**recommended**” to submit a science test, **preferably Chemistry**;  
 Vagelos Dual Degree Program in Life Sciences and Management “**one Subject Test of two recommended in Science or Math**”

## PUERTO RICO

University of Puerto Rico, Bayamon University College and Mayaguez campus [**recommended**; exams in Spanish, in literature and in math **required** from English speaking US applicants]

## QUEBEC

McGill University [ACT may be submitted in lieu of **both** SAT and Subject Tests; if submitting Subject Tests, see below]  
 Agricultural/Environmental Sciences: **one math and one science**  
 Architecture: Math; Chemistry **or** Physics  
 Arts: any **two** Subject Tests  
 Arts and Science (BA): Math and one other of student's choice  
 Education: any **two** Subject Tests  
 Engineering: Math **and** Chemistry **or** Physics  
 Kinesiology: **two** of the following—  
 Biology, Chemistry, Math, Physics  
 Management: Math and one other of student's choice

Music: Subject Tests **neither** required **nor** recommended  
Nursing: **two** of the following—  
    Biology, Chemistry, Math, Physics  
Religious Studies: **any two**  
Science (BS): **two** of the following—  
    Biology, Chemistry, Math, Physics

## RHODE ISLAND

Brown University [ACT may be submitted in lieu of **both** SAT and **two** Subject Tests; if applying to eight year accelerated BA/MD Program in Liberal Medical Education and submitting Subject Tests, one **must** be in science]

## SWITZERLAND

*Ecole Hoteliere de Lausanne* [**three** AP exams, IB HL certificates or Subject Tests **or** a combination of the three along with minimum 500 score per subtest on SAT **required** from applicants from USA who have not earned an IB Diploma with 28 points or more. **“At least one of these [IB, AP, Subject Tests] should be in a quantitative or scientific subject”**]

## TENNESSEE

Vanderbilt University [**optional**—will be considered if submitted and will be used for placement purposes; “applicants to the School of Engineering who choose to take Subject Test ‘**should strongly consider taking**’ Math Level 1 or 2”]

## TEXAS

Rice University [ACT may be submitted in lieu of SAT and **two** Subject Tests in **“subjects related to student’s proposed area of study”**]  
Trinity University [**optional**—considered if submitted]  
University of Texas at Austin [Subject Tests in Latin, Korean, German, Physics and Math used for placement purposes if submitted]

## UNITED KINGDOM

King’s College of London [**“applicants must study three subjects in depth; we will therefore ask for three AP exams or three Subject Tests (or any combination of these in three different subjects) from applicants from the US”**]

## VERMONT

Bennington College [all standardized testing **optional**; Subject Tests will be considered if submitted]  
Middlebury College [SAT **or** ACT **or** three Subject Tests “**in different areas of study**” (e.g., cannot submit both Math 1 and Math 2)]

## VIRGINIA

College of William and Mary [**optional**—will consider if submitted]  
George Mason University [used for placement in World Languages if submitted]  
University of Mary Washington [**optional**—will be considered if submitted and used primarily for placement purposes in World Languages]  
University of Virginia [**optional**: will be considered if submitted]  
Washington and Lee University [two exams “in unrelated areas” **recommended**—can’t submit Math Level 1 and Math Level 2, for example]

## APPENDIX

### COLLEGES/UNIVERSITIES WORLDWIDE THAT REQUIRE SUBJECT TESTS FROM SOME OR ALL APPLICANTS SCHOOL YEAR 2016-2017

Brown University (RI)\*  
California Institute of Technology  
Carnegie Mellon University (PA) – exception: non-architecture majors applying to College of Fine Arts  
Cooper Union for the Advancement of Science and Art (NY) – required for prospective engineering majors only  
Cornell University (NY) –exceptions: applicants to Agriculture and Life Sciences; Architecture, Art and Planning; Business—Hotel Management; Business—Applied Economics and Management; Human Ecology; and Industrial and Labor Relations (**this is changed from last year**)  
*L’ecole Hoteliere de Lausanne* (Switzerland) – can also fulfill testing Requirements by alternate means; please consult college website  
Harvard/Radcliffe Colleges (MA)##  
Harvey Mudd College (CA)  
King’s College of London (United Kingdom) – can also fulfill testing Requirements by alternate means; please consult college website  
Massachusetts Institute of Technology  
McGill University (PQ)\*  
Northwestern University (IL) –**three** required only for students applying to

Integrated Science and Engineering Program—only one in US that  
requires three from any candidates  
Rice University (TX)\*  
Tufts University (MA)\*  
University of Toronto (ON) – exception: applicants to Applied Science and  
Engineering  
Webb Institute of Naval Architecture (NY)  
Wellesley College (MA)\*

Asterisk (\*) denotes that school will accept ACT in lieu of **both** SAT and Subject Tests

All schools above require *two* Subject Tests for applicants that choose to submit them. Exceptions: **some** applicants to Northwestern, King's College and *L'Ecole Hoteliere de Lausanne* must submit **three** Subject Tests (please consult college websites)

There are **no** schools except Northwestern in the United States that **require** more than two Subject Tests for any students who apply (see Northwestern entry for exception)

## -- if taking Subject Tests would pose financial hardship **or** if student chooses to be evaluated without them, they need not be submitted

The following schools that required Subject Tests from some or all applicants in the 2015-2016 school year **no longer require them**: Amherst College, Barnard College, Columbia University, Dartmouth College, Duke University, Haverford College, Vassar College, Williams College

**DISCLAIMER:** While information is current with the compilation of this list in July 2016, **always** double check with the individual college in question to assure that SAT Subject testing requirements are being met. Taking requisite SAT Subject Tests and submitting these to appropriate colleges and universities will not guarantee admission to those schools

This list was compiled by Cigus Vanni, long time New Jersey Association for College Admission Counseling Executive Board Member and former/present member of standing/ad hoc committees of the National Association for College Admissions Counseling (2007-2010; 2016-2018, G-d willing). Permission to duplicate is freely and happily granted—distribution trumps attribution