

# 2015-2016 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 2015-2016 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 2016*, published by The College Board; individual college catalogs and web pages; the *Common Data Set* of The College Board; 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:** All references to SAT are to the “new” version of the test (March 2005 and later) containing a Writing section; all references to ACT are to the version **with Writing** (February 2005 and later)

[last updated August 4, 2015, at 7:30 AM]

## 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, 620; Korean, 600; Latin, 600; Literature, 550; Math Level 2, 600; Physics, 600; Spanish, 570; US History, 620; World History, 620. Critical Reading (550) from the SAT Reasoning Test may be used to meet the English subject requirement. 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** and used for placement]  
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 [recommended if student application “**may be enhanced**” by submission of Subject Tests]  
Occidental College [**optional**]  
Pomona College [**optional**—will be considered if submitted]  
Scripps College [**optional**—will be considered if submitted]  
Stanford University [**recommended but not required**”; if Math, **Level 2 preferred**]  
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 computer science 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; dental hygiene; 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 [requires **“one or more”** of the following: ACT, SAT **or any two** Subject Tests]

Wesleyan University [**optional**—will be considered if submitted]

Yale University [**recommended**]

## **DELAWARE**

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

## **DISTRICT OF COLUMBIA**

American University [recommended, especially for placement purposes in mathematics and world languages]

Catholic University of America [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 [**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: 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 Honors Program in Medicine]

## GEORGIA

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

Georgia Institute of Technology (Georgia Tech) [**optional**—used for placement and credit in English and chemistry]

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 [SAT Reasoning and Subject Tests **optional**—will be considered in admission process if submitted]

Bowdoin College [SAT Reasoning and Subject Tests **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 [**two “encouraged”**; if applying in Engineering, Math Level 2 **and** one science Subject Test **“strongly encouraged”**]

## MASSACHUSETTS

Amherst College [ACT may be submitted in lieu of SAT and **two** Subject Tests]

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

Boston College [**optional**—**“students are welcome to submit Subject Tests for consideration. 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>

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] Williams College <**two**>

## 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**> Also note, however, this statement from website: “**We recognize that taking Subject Tests may represent a financial hardship for some students. If this is the case for you, we will consider your application without Subject Test scores**”

## NEW JERSEY

Princeton University [**recommended**; if submitting, prospective engineers must submit Physics **or** Chemistry **and** Math Level 1 **or** 2] 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 [ACT may be submitted in lieu of SAT and **two** Subject Tests]  
Clarkson University [**recommended**]  
Columbia University [ACT may be submitted in lieu of SAT and **two**

Subject Tests; if submitting SAT, prospective engineering students must submit Math Level 1 **or** Level 2 **and** a science exam]

Cooper Union [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: Architecture applicants **required**  
Math Level 1 or Level 2

Arts and Sciences: **two required**

Engineering: **required** Science and Math

Hotel Administration: **optional**

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]

Jewish Theological Seminary of America, Albert List College [**two** Subject Tests **required** for applicants to Double Degree Program with Barnard]

New York University (NYU) [must provide one of the following:  
SAT **or** ACT **or three** Subject Tests (one in literature or humanities: US History, World History or Literature; one in math or science; and one in **non-language** test of student's choice) **or three** IB HL **or** AP Exam scores (one in literature or humanities: AP English Literature, AP English Language, AP US History, AP World History, AP European History; one in math or science: AP Calculus AB or BC, AP Statistics, AP Biology, AP Chemistry, AP Physics 1, 2, B or either C; one in **non-language** of student choice; **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 NYU Polytechnic 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]
- Skidmore College ["**welcomes but does not require two Subject Tests**"]
- 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 [ACT may be submitted in lieu of **both** SAT and **two** Subject Tests "**in different academic areas**"]
- Webb Institute (of Naval Architecture) <Chemistry **or** Physics; **and** Math Level 1 **or** Math Level 2>

## NORTH CAROLINA

- Davidson College [**two "recommended"**: one Math and one of student choice if submitting SAT instead of ACT]
- Duke University [ACT may be submitted in lieu of **both** SAT and Subject Tests; if ACT submitted, Arts/Sciences applicants are "**encouraged**" to take Subject Tests in World Language; Engineering applicants **required** to submit Math Level 1 **or** Math Level 2 **and** one other of student's choice]
- 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 are welcome to provide any Subject Test results**"; 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**—“**you may send them if you feel they strengthen your application**”]  
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**  
Architecture, Landscape and Design: Architecture candidates only must submit **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 [**recommended**]

## PENNSYLVANIA

- Allegheny College [**optional**—will be considered if submitted]  
Bryn Mawr College [**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]  
Carnegie Institute of Technology [Math Level 1 **or 2 and** Chemistry **or** Physics **required**]  
College of Fine Arts: Architecture [same as above]  
College of Fine Arts: Other [**neither** required **nor** recommended]  
College of Humanities and Social Sciences [Math Level 1 **or 2 and** one of student’s choice **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 except Biology must be Biology M (molecular)]  
 Tepper School of Business [Math Level 1 **or 2 and** one of student's choice, **preferably a science**]
- Dickinson College [**optional**—considered if submitted; **SAT and ACT optional** though **required** for scholarship consideration]  
 Franklin and Marshall College [submission of testing **optional**—if not submitted, student must submit two recent (junior or senior year) graded writing samples; Subject Tests “**may be submitted to demonstrate student's strength within academic subjects**”]  
 Haverford College [ACT may be submitted in lieu of **both** SAT and **two** Subject Tests]  
 Lafayette College [Subject Tests **recommended**, considered for placement “**in some academic departments**” if submitted]  
 Lehigh University [**recommended** for placement; applicants to BA/MD degree program “**highly recommended**” to take any math **and** Chemistry Subject Test]  
 Susquehanna University [recommended “**to provide valuable information about admission**”; students may submit two graded writing samples in lieu of SAT or ACT]  
 Swarthmore College [one of three options: SAT **and two** Subject Tests of student's choice; **or** ACT; **or** SAT **and** ACT **with or without Writing**; engineering applicants “**encouraged**” to submit Math Level 2 regardless of whether SAT or ACT is presented]  
 University of Pennsylvania [**two recommended** as follows:  
 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: **neither** required **nor** recommended  
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”**]

## VIRGINIA

College of William and Mary [**optional**—will consider if submitted and used for placement purposes in world languages]  
George Mason University [submission of SAT and ACT **optional** if student is in top 20% of class and/or has GPA of 3.5 or better on 4.0 scale; Subject Tests 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 [**“strongly recommended”**]  
Washington and Lee University [two exams “in unrelated areas” **recommended**—can't submit Math Level 1 and Math Level 2, for example]

## APPENDICES

### SCHOOLS THAT REQUIRE SOME APPLICANTS TO SUBMIT THREE SUBJECT TESTS:

*Ecole Hoteliere de Lausanne* (may also submit three AP or IB exams or may qualify with 28 points or better on IB Diploma [see listing for *Ecole* above])

King's College of London (may also submit a combination of AP exams and Subject Tests [see listing for King's above])

There are NO schools in the United States that **require** submission of three Subject Tests

**SCHOOLS THAT REQUIRE SUBMISSION OF SUBJECT TESTS  
REGARDLESS OF WHETHER APPLICANT TAKES SAT OR ACT:**

California Institute of Technology  
Carnegie Mellon University (PA) – exception: non-architecture majors, College of Fine Arts (neither required nor recommended)  
Cornell University (NY) – exception: applicants to Agriculture/Life Sciences, to Human Ecology and to Industrial/Labor Relations (Subject Tests optional for these schools)  
Dartmouth College (NH)\*  
Harvard/Radcliffe Colleges (MA)#  
Harvey Mudd College (CA)  
Massachusetts Institute of Technology  
Webb Institute of Naval Architecture (NY)  
Williams College (MA)

\*-- note: Dartmouth will waive Subject Test requirements for those with financial hardship. See Dartmouth entry above with statement extracted directly from website

# --note: Harvard will waive Subject Test requirements for those with financial hardship or those who select to be evaluated without Subject Tests. See Harvard entry above with statement extracted directly from website

**SCHOOLS THAT WILL ACCEPT ACT IN LIEU OF BOTH SAT AND SUBJECT TESTS:**

Amherst College (MA)	Barnard College (NY)
Brown University (RI)	Columbia University (NY)
Duke University (NC)	Haverford College (PA)
McGill University (PQ)	Rice University (TX)
Swarthmore College (PA)*	Tufts University (MA)
Vassar College (NY)	Wellesley College (MA)

\*--note: other testing options obtain for Swarthmore that may also vitiate need for submission of Subject Tests

**DISCLAIMER:** While information is current with the compilation of this list in July 2015, **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 member of the Professional Development Committee of the National Association for College Admissions Counseling (2007-2010). Permission to duplicate is freely and happily granted—distribution trumps attribution