# 2013-2014 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 2013-2014 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 2014*, 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 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)

#### **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; 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 [ACT may be submitted in lieu of **both** SAT Reasoning and **two** Subject Tests "**which are not in the same field**"]

Scripps College [**optional**—will be used for placement purposes only in world languages]

Stanford University ['recommended but not required"; if Math, Level 2 preferred]

University of California, Berkeley [recommended for applicants to College of Chemistry {Math Level 2 and one science "closely related to intended major"} and College of Engineering {same as College of Chemistry}: "the presence of Subject Tests, particularly in a science and Math Level 2, is considered a plus"]

University of California, Irvine [recommended as follows:

School of the Arts: "any Subject Test that will demonstrate student's strengths"

School of Engineering: Math Level 2 and a science test "closely related to intended major"

Dept of Pharmaceutical Studies: Biology or Chemistry and/or Math Level 2

School of Physical Sciences, majors in Chemistry; Earth System Science; Math; and Physics: Math Level 2

Major in Public Health Sciences: Biology **or** Chemistry Major in Public Health Policy: Biology **or** World History

University of California, Los Angeles (UCLA) [strongly encouraged for applicants to School of Engineering and Applied Science: "Math Level 2 and a science closely related to intended major are considered as value-added achievements during the application evaluation"]

University of California, Merced [**optional**—"can be used to show mastery of a particular subject or to satisfy 'a-g' subject requirements"]

University of California, Riverside ["strongly recommended" for applicants to College of Natural and Agricultural Sciences and College of Engineering: Math Level 2 and Chemistry or Physics]

University of California, San Diego [strongly encouraged for applicants to School of Engineering and Division of Biological or Physical Sciences: "Math Level 2 and a science closely related to intended major are considered as value-added achievements during the application evaluation"]

University of California, Santa Barbara [recommended as follows:

College of Engineering: Math Level 2

College of Creative Studies:

Biology majors: Biology E or M Biochemistry majors: Chemistry Chemistry majors: Chemistry

Computer Science majors: Math Level 2

Literature majors: Literature Math majors: Math Level 2

Physics majors: Math Level 2 and Physics

University of California, Santa Cruz [optional—"can be used to satisfy 'a-g' subject requirements"]

University of Southern California [recommended: "we find them helpful in evaluating applications for merit scholarships"]

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

Yale University [ACT may be submitted in lieu of both SAT and two Subject Tests; "Bear in mind, however, that some Yale departments may use the SAT and/or SAT Subject Tests for course placement"]

## **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; "strongly recommended" for candidates to University Honors Program—any two of student's choice; recommended for all other applicants] Georgetown University [three "strongly recommended"]

#### **FLORIDA**

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]
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 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"]

## 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 [three "strongly recommended"; if applying in Engineering, Math Level 2; one science; and one additional Subject Test "strongly recommended"]

## **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"]

Bentley University [optional—will consider if submitted]
Boston College [ACT may be submitted in lieu of both SAT and two Subject Tests]

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]

Franklin Olin College of Engineering < Math Level 1 or Level 2 (preferred) and Biology, Chemistry or Physics>

Hampshire College [submission of standardized testing **optional**, Subject Tests considered if submitted]

Harvard and Radcliffe Colleges <two> ["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>
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>** 

Worcester Polytechnic Institute (WPI) [math and science recommended; "scores only used if they benefit applicant"]

### **MICHIGAN**

University of Michigan [optional: "if student includes Subject Tests as part of application, we will consider them only in light of how they might benefit applicant's review"]

#### MINNESOTA

Carleton College [recommended]
Macalester College [optional—will be considered if submitted]

#### **MISSOURI**

Washington University in Saint Louis [optional—"if you do take them and submit your scores, we will only consider them if they strengthen your application"]

#### **NEVADA**

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

## **NEW HAMPSHIRE**

Dartmouth College **<two>** 

## **NEW JERSEY**

Princeton University **<two**; prospective engineers must submit Physics **or** Chemistry **and** Math Level 1 **or** Math Level 2>

Stevens Institute of Technology [two Subject Tests recommended if applying for accelerated law degree; Math Level 1 or Math Level 2 and Biology or Chemistry required if applying for accelerated premedical or pre-dental degrees]

## **NEW YORK**

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

City University of New York (CUNY), Brooklyn College

[optional for applicants to Honors Academy and accelerated BA/MD program—will be considered if submitted]

City University of New York (CUNY), Queens College

["strongly recommended" for all Honors candidates and applicants to Scholars Program]

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: **required** Math Level 1 or Level 2 Human Ecology: **required** Math **and** one of student choice

Industrial and Labor Relations: optional

Fordham University [recommended]

Hamilton College [submit **one** of the following: ACT; SAT; three SAT Subject tests; 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 a verbal/writing submission; AP Statistics not accepted as a quantitative submission]

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

Hofstra University [recommended]

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 [not AP English Language], AP US History, AP World History, AP European History; one in math or science: AP Calculus AB or BC [not AP Statistics], AP Biology, AP Chemistry, AP Physics B or 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. 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 if submitting SAT instead of ACT]

Skidmore College **[two "strongly recommended"**—Subject Tests in language used for placement]

State University of New York (SUNY) at Buffalo [recommended in world language for placement]

State University of New York (SUNY) at Stony Brook ["encouraged" for students applying to Honors College]

Union College [standardized testing **optional**, **except**: applicants to eightyear 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 "recommended" 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; if ACT not submitted, Arts and Sciences applicants **required** to submit **two** Subject Tests—one in world language "**encouraged**"; 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]

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, 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 [two recommended]

#### **ONTARIO**

University of Toronto <required as follows>

Applied Science and Engineering: three—Chemistry, Physics and Math; applicant may also submit any combination of three AP, IB or Subjects tests in these areas 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

Teacher Education: same as above

## **OREGON**

Reed College [optional—will be considered if submitted]

## **PENNSYLVANIA**

Allegheny College [optional—will be considered if submitted]
Bryn Mawr College [ACT may be submitted in lieu of both SAT
and two Subject Tests or two AP exams in different disciplines or
student may submit a combination of three AP and/or Subject
Tests—one in English, history, social sciences, the arts or world
language; one in math or science; and one of student choice "in a
subject different from the other two" (only one exam in a World
Language will be considered)]

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]
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 "strongly encouraged" 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 [ACT may be submitted in lieu of **both** SAT and **two** Subject Tests; if submitting SAT and Subject Tests, students applying to Engineering/Applied Science "**strongly encouraged**" to submit Math Level 2 and physics; students applying to Wharton "**strongly encouraged**" to submit Math Level 2; and students applying to Nursing "**strongly encouraged**" to submit a science test, **preferably** Chemistry]

#### PUERTO RICO

University of Puerto Rico, Bayamon University College [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

Dietetics/Nutrition: one math and one science

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]

#### **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 Tests are 'strongly encouraged' to submit 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 [students may choose to submit a "full year" of Advanced Placement exams with scores of 4 or 5 to satisfy test requirements for admission; alternatively, a student may submit

SAT **or** ACT **and** Subject Tests. This applies only to candidates for The School of Social Science and Public Policy and The School of Arts and Humanities]

#### **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]

Hampden-Sydney College [recommended]

University of Mary Washington [optional—will be considered if submitted and used 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 <u>SOME</u> APPLICANTS TO SUBMIT THREE SUBJECT TESTS:

University of Toronto (U of T only requires three Subject Tests of applicants to **one** of its colleges [Applied Science and Engineering]; applicants to other colleges in the university may submit AP or IB tests combined with or in lieu of Subject Tests to fulfill this requirement [see listing for University of Toronto above])

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]

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 and to Industrial/Labor Relations (Subject Tests optional for these schools)

Dartmouth College (NH)

Franklin Olin College of Engineering (MA)

Harvard/Radcliffe Colleges (MA)

Harvey Mudd College (CA)

Massachusetts Institute of Technology

Princeton University (NJ)

Webb Institute of Naval Architecture (NY) – note: Webb does **not** accept ACT

Williams College (MA)

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

Amherst College (MA)

Boston College (MA)

Barnard College (NY)

Brown University (RI)

Bryn Mawr College (PA) – note: other testing options obtain—see college entry

Columbia University (NY)

Haverford College (PA)

Pomona College (CA)

Duke University (NC)

McGill University (PQ)

Rice University (TX)

Swarthmore College (PA) – note: other testing options obtain—see college entry

Tufts University (MA)

Vassar College (NY)

Wesleyan College (CT)

University of Pennsylvania

Wellesley College (MA)

Yale University (CT)

**DISCLAIMER:** While information is current with the compilation of this list in July 2013, 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, 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