

DEPARTMENT OF THE INTERIOR
BUREAU OF EDUCATION

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ACCREDITED
HIGHER INSTITUTIONS

BY

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BUREAU OF EDUCATION



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LETTER OF TRANSMITTAL

DEPARTMENT OF THE INTERIOR,
BUREAU OF EDUCATION,
Washington, February 9, 1917.

SIR: Various agencies in the United States maintain lists of collegiate institutions whose graduates are given certain academic or professional privileges. Very few of these lists have received widespread publicity. The criteria in accordance with which the lists are made up vary. Consequently, there is a great and growing uncertainty as to what is meant by the term "recognized" or "approved" or "accredited" college. It has been felt that a compilation of such of these lists as are prepared by public or nonsectarian agencies will be useful to educational officers, and in the end will contribute toward the establishment of more definite standards for collegiate work. I have, accordingly, requested Dr. S. P. Capen, the bureau's specialist in higher education, to prepare such a compilation, which is transmitted herewith for publication as a bulletin of the Bureau of Education under the title "Accredited Higher Institutions."

Respectfully submitted.

P. P. CLAXTON,
Commissioner.

The SECRETARY OF THE INTERIOR.

ACCREDITED HIGHER INSTITUTIONS.

The impression prevails that there exists some authoritative classification of higher institutions, a classification which has behind it the sanction of the Government. It is true that the Bureau of Education prepared in 1911 a tentative classification of colleges, on the basis of the value of the bachelor's degree. This document was never formally published, and no effort has been made to correct, in accordance with the current changes in institutional standards and resources, the information on which it was based. There is no comprehensive classification of collegiate institutions by any governmental agency.

Classifications appear to be necessary for various purposes, however, and in default of action by the Government those groups of educational officials who need them, have been forced to make their own. State departments of education, State universities, educational foundations, voluntary associations, and certain of the larger universities which maintain graduate schools, as well as church boards of education and other denominational bodies have for some years gradually been elaborating lists of institutions whose standards they are willing, as the result of special information, to approve. Probably the extent to which this process has been carried on has not been generally known. The facts have seemed to the Bureau of Education to be worth recording, both because of their bearing on an important phase of higher education in the United States and for the assistance of educational officers who deal with questions of advanced credits.

Accordingly, in March, 1916, the Bureau of Education issued a general inquiry designed to secure from various nonsectarian agencies the lists of collegiate institutions approved by each, together with statements of the criteria by which inclusion in each list is determined. The material submitted in response to this inquiry is published herewith. To it have been added the lists already in print prepared by certain widely influential organizations. Each list is the latest one which had been issued or prepared by the body in question at the time of the inquiry. A few lists have since been revised. Owing to the delay attendant on securing returns, the bureau

has not attempted to include these revisions, however.¹ The bulletin represents the status of collegiate accrediting by official and semi-official nonsectarian agencies as late as April, 1916.

PURPOSES AND PROCEDURE OF ACCREDITING AGENCIES.

The lists represent four types of procedure in classification. State universities are generally under the necessity of defining the terms on which students coming from other collegiate institutions (as a rule from institutions in the same State) will be received. Some State universities accredit colleges from which undergraduate students will be accepted on transfer, some accredit colleges whose graduates will be admitted to the graduate school as candidates for advanced degrees, and some accredit colleges on both bases. Their sources of information regarding accredited institutions are various. More or less definite knowledge of the standards of colleges in the home State is commonly possessed by State university officials as the result of visits to these institutions and of past experience with students who have been transferred from them. Where a State university accredits institutions in other States, it is customary to rely on the ratings given by the State universities of those States or by some trustworthy nonofficial body.

The lists of institutions accredited by State departments of education contain chiefly the names of universities, colleges, and normal schools whose graduates are eligible to receive certain kinds of teachers' certificates without examination. Generally, departments of education accredit only institutions in their own States. Some of them have developed more or less adequate machinery for inspecting these institutions. Some depend largely on reports and desultory information. Where the attempt is made to cover a wider territory than a single State, reliance is usually placed on the action of the accrediting bodies in whose bailiwick the institutions in question are located. There are certain exceptions to this method, notably, for example, the practice of the New York State Department of Education, which conducts a painstaking inquiry into the standards of all institutions wherever situated that apply for rating. (The last printed list of institutions recognized by the New York department of education, issued in 1913, is not published here for the reason that it is unduly careful revision.)

The lists prepared by voluntary associations, like the North Central Association of Colleges and Secondary Schools and the Asso-

¹ Exception was made in the cases of the lists of the State universities and education departments of the following States, which specially requested the bureau to bring their lists up to date: State universities of Minnesota, Texas, Washington; education departments of Illinois, Ohio, Texas, and Washington.

INTRODUCTION.

ciation of American Universities and by the Carnegie Foundation for the Advancement of Teaching, represent an effort to define and to elevate higher educational standards over wide areas. They are not designed primarily to determine questions of credits or eligibility for official credentials, although this may be a secondary object. Their preparation is based on a detailed study of the standards and resources of the institutions concerned.

The fourth type of classification is exemplified in the restricted membership lists of certain organizations, like the Association of Colleges and Secondary Schools of the Southern States. Collegiate institutions are admitted to membership in these bodies only when, upon investigation by the association's officers, they are found to meet the prescribed conditions of equipment, support, and academic requirements. The effect of this kind of classification on higher educational standards in the region covered by the association is essentially the same as that of the third type just mentioned.

CONTENTS OF THE BULLETIN.

The bulletin is divided into four parts. Part I contains lists of institutions accredited by State universities. At the head of each list the purpose for which the institutions included in it are accredited and the basis of approval are clearly stated. In those cases where State universities have no formal lists of accredited institutions, but, in judging the eligibility for advanced rating of candidates from other colleges, apply definite standards to the institutions from which candidates come, those standards are quoted. If a State institution has no regular formal procedure with reference to students coming from other colleges, that fact is also stated.

Part II contains lists of institutions accredited by State departments of education. Each list is headed by an outline of the purpose and basis for accrediting adopted by the department in question.

Part III contains lists of recognized or approved colleges prepared by the influential voluntary organizations of secondary and higher institutions referred to above and by the Carnegie Foundation for the Advancement of Teaching. Not all the voluntary associations known to have adopted some sort of academic standards to test eligibility for recognition or for membership are included in this group, but only those whose sphere of operations is sectional (in the sense of covering several States) or national.

A secondary purpose of the bulletin is to show the extent to which junior colleges have been established in various parts of the country and recognized by accrediting agencies. The lists of accredited junior colleges are therefore presented separately. As typical of the relationship existing between junior colleges and State universities, the plan of affiliation adopted by the University of Missouri may be cited.

COMMENT.

An examination of the lists as a whole leads to certain generalizations in regard to the present status of collegiate classification or standardization. These might be summarized as follows: (1) A large number of agencies are now attempting, for urgent official reasons, to pass on the standing of higher institutions. (2) A great variety of standards is applied. The criteria imposed by some of the classifying organizations constitute real tests of collegiate resources. The reader of the bulletin can in most cases tell from the summarized statements at the beginning of the lists which may be so regarded. The basis for classification reported by several of the classifying agencies, on the other hand, is very vague. The person who has intimate knowledge of many colleges may believe that a few of the lists have been framed partly by guesswork. (3) Such standardization or classification as has been attempted is for various purposes. (4) There is a tendency for a local standardizing agency (and most are local) to include by courtesy in its lists of recognized institutions all colleges in its district. (5) There is no practical consensus of opinion as to what constitutes that much-talked-of entity, the standard college.

It is hoped that the material in this bulletin will help to give point to future considerations of this important subject, by showing at least what is the present practice of the principal standardizing bodies. It is realized that, numerous as the lists are, some classifying organizations may have been omitted from the bulletin aside from the local associations, universities on private foundations, and sectarian boards, which were omitted by design.

It should be emphasized that the colleges and universities listed in this bulletin are not accredited or approved by the Bureau of Education. Inclusion in this bulletin does not imply governmental recognition. The Bureau of Education makes no attempt to rate or to standardize the collegiate institutions of the country.

PART I.—INSTITUTIONS ACCREDITED BY STATE UNIVERSITIES.

ALABAMA.

Recognition of the collegiate institutions of the State by the University of Alabama is based on actual knowledge of the institutions' requirements for admission and graduation; knowledge of the character of their equipment and faculty; and the opportunity had by the university of testing the work of students who have transferred from these institutions to the university. Students so transferring are granted full credit for the work completed at the institution previously attended, provided they present the equivalent of a high-school diploma and have pursued a course leading to a standard degree.

Alabama Polytechnic Institute, Auburn.
Athens Female College, Athens.
Birmingham College, Birmingham.
Howard College, Birmingham.

Judson College, Marion.
Southern University, Greensboro.
Woman's College of Alabama, Montgomery.

ARIZONA.

The University of Arizona does not have a list of accredited colleges. Advanced standing is granted on the basis of work done in a standard college. "In general, the basis for recognizing a school as a standard college is a report of the Carnegie Foundation or the North Central Association." Students from accredited institutions are granted hour-for-hour credit and are given class standing in accordance with the requirements of the university.

ARKANSAS.

The following is the practice of the University of Arkansas in dealing with applications for advanced credits of students from institutions both within and without the State:

The University of Arkansas has no fixed and definite list of colleges and universities whose work it accepts or approves. In dealing with institutions outside the State the custom is to call upon the State university of the given State for information, in case the institution concerned is one that is not so well known as to enable us to fix its standing otherwise.

In the case of students coming from institutions found to be of recognized standing, the custom here is to grant to such students an amount of credit proportionate to the work they have done in the other institution.

In general, the cases of students coming from those institutions in the State of Arkansas are taken up individually, and they are given a certain amount of credit contingent upon their making good in their university work.

CALIFORNIA.

The basis upon which the following list of institutions is made is the experience of the University of California with students coming

from certain of them, the lists prepared by the Carnegie Foundation for the Advancement of Teaching and published by the Association of American Universities, the experience of institutions in the Association of American Universities, and the tentative list prepared by the United States Bureau of Education in 1911.

Students presenting the bachelor's degree from any of the accredited institutions may enter the graduate division of the University of California without previous evaluation of their credentials. Admission, however, is without classification with reference to candidacy for an advanced degree.

Alabama: University of Alabama, University.

Arizona: University of Arizona (engineering), Tucson.

California:

Leland Stanford Junior University, Stanford University.

Mills College (recent degrees), Mills College.

Occidental College, Los Angeles.

Pomona College, Claremont.

University of California, Berkeley.

University of Southern California (very recent degrees), Los Angeles.

Colorado:

Colorado Agricultural College (science and engineering), Fort Collins.

Colorado College, Colorado Springs.

University of Colorado, Boulder.

University of Denver, University Park.

Connecticut:

Sheffield Scientific School (Yale University), New Haven.

Wesleyan University, Middletown.

Yale University, New Haven.

District of Columbia:

Catholic University of America, Washington.

George Washington University, Washington.

Georgetown University, Washington.

Florida: John B. Stetson University, De Land.

Georgia:

Agnes Scott College, Decatur.

Emory College, Oxford.

University of Georgia, Athens.

Idaho: University of Idaho, Moscow.

Illinois:

Armour Institute of Technology, Chicago.

Augustana College, Rock Island.

Illinois College (arts degrees), Jacksonville.

James Millikin University, Decatur.

Knox College, Galesburg.

Lake Forest College, Lake Forest.

Lewis Institute (engineering), Chicago.

Lombard College, Galesburg.

Monmouth College (recent degrees), Monmouth.

Northwestern University, Evanston.

Illinois—Continued.

Rockford College, Rockford.

University of Chicago, Chicago.

University of Illinois, Urbana.

Indiana:

Butler College, Indianapolis.

De Pauw University, Greencastle.

Earlham College, Earlham.

Franklin College, Franklin.

Hanover College, Hanover.

Indiana State Normal School, Terre Haute.

Indiana University, Bloomington.

Purdue University, Lafayette.

Rose Polytechnic Institute, Terre Haute.

University of Notre Dame, Notre Dame.

Wabash College, Crawfordsville.

Iowa:

Coe College, Cedar Rapids.

Cornell College, Mount Vernon.

Des Moines College, Des Moines.

Drake University, Des Moines.

Grinnell College, Grinnell.

Iowa State College of Agriculture and Mechanic Arts, Ames.

Iowa State Teachers College, Cedar Falls.

Luther College (literary), Decorah.

Morningside College, Sioux City.

Parsons College, Fairfield.

Penn College, Okaloosa.

State University of Iowa, Iowa City.

Kansas:

Baker University, Baldwin City.

Bethany College, Lindsborg.

College of Emporia, Emporia.

Fairmount College, Wichita.

Friends University, Wichita.

Midland College, Atchison.

Ottawa University, Ottawa.

Southwestern College, Winfield.

University of Kansas, Lawrence.

Washburn College, Topeka.

Kentucky:

Central University of Kentucky, Danville.

Georgetown College, Georgetown.

State University of Kentucky, Lexington.

Louisiana :

Louisiana State University, Baton Rouge.
Tulane University of Louisiana, New Orleans.

Maine :

Bates College, Lewiston.
Bowdoin College, Brunswick.
Colby College, Waterville.
University of Maine, Orono.

Maryland :

Goucher College, Baltimore.
Johns Hopkins University, Baltimore.
Loyola College, Baltimore.
Maryland State College of Agriculture, College Park.
Mount St. Mary's College, Emmitsburg.
Rock Hill College, Ellicott City.
St. John's College, Annapolis.
Washington College, Chestertown.
Western Maryland College, Westminster.

Massachusetts :

Amherst College, Amherst.
Boston College, Boston.
Boston University, Boston.
Clark College, Worcester.
Clark University, Worcester.
Harvard College, Cambridge.
Holy Cross College, Worcester.
Massachusetts Agricultural College (science), Amherst.
Massachusetts Institute of Technology, Cambridge.
Mount Holyoke College, South Hadley.
Radcliffe College, Cambridge.
Smith College, Northampton.
Tufts College, Tufts College.
Wellesley College, Wellesley.
Williams College, Williamstown.
Worcester Polytechnic Institute (science and engineering), Worcester.

Michigan :

Adrian College, Adrian.
Albion College, Albion.
Alma College, Alma.
Hillsdale College, Hillsdale.
Hope College, Holland.
Kalamazoo College, Kalamazoo.
Michigan Agricultural College, East Lansing.
Michigan College of Mines, Houghton.
Olivet College, Olivet.
University of Detroit, Detroit.
University of Michigan, Ann Arbor.

Minnesota :

Carleton College, Northfield.
Gustavus Adolphus College, St. Peter.
Hamline University, St. Paul.
Macalester College, St. Paul.
St. Olaf College, Northfield.
University of Minnesota, Minneapolis.

Missouri :

Central College, Fayette.
Drury College, Springfield.
Missouri Valley College, Marshall.
Park College, Parkville.
Tarkio College, Tarkio.

Missouri—Continued.

University of Missouri, Columbia.
Washington University, St. Louis.
Westminster College, Fulton.
William Jewell College, Liberty.

Montana : University of Montana, Missoula.

Nebraska :

Bellevue College, Bellevue.
Cotner University, Bethany.
Creighton University, Omaha.
Doane College, Crete.
Grand Island College, Grand Island.
Hastings College, Hastings.
Nebraska Wesleyan University, University Place.
Union College, College View.
University of Nebraska, Lincoln.
University of Omaha, Omaha.
York College, York.

Nevada : University of Nevada (sciences and mining engineering), Reno.

New Hampshire :

Dartmouth College, Hanover.
New Hampshire College of Agriculture and Mechanic Arts, Durham.

New Jersey :

Princeton University, Princeton.
Rutgers College (except technical B. S.), New Brunswick.
Stevens Institute of Technology, Hoboken.

New Mexico : New Mexico College of Agriculture and Mechanic Arts, State College.

New York :

Adelphi College, Brooklyn.
Alfred University, Alfred.
Barnard College, New York.
Brooklyn Polytechnic Institute, Brooklyn.
Canisius College, Buffalo.
Cathedral College, New York.
Clarkson School of Technology, Potsdam.
Colgate University, Hamilton.
College of the City of New York, New York.
Columbia University, New York.
Cornell University, Ithaca.
D'Youville College, Buffalo.
Elmira College, Elmira.
Fordham University, Fordham.
Hamilton College, Clinton.
Hobart College, Geneva.
Hunter College of the City of New York, New York.
Manhattan College, New York.
New York State Normal College, Albany.
New York University (College of Arts, School of Applied Science), New York.
Niagara University, Niagara University.
Rensselaer Polytechnic Institute (C. E.), Troy.

New York—Continued.

St. Francis Xavier College, New York.
 St. John's College, Brooklyn.
 St. Lawrence University, Canton.
 St. Stephen's College, Annandale.
 Syracuse University, Syracuse.
 Union University, Schenectady.
 University of Rochester, Rochester.
 University of the State of New York,
 Albany.
 Vassar College, Poughkeepsie.
 Wells College, Aurora.

North Carolina:

Davidson College, Davidson.
 Trinity College, Durham.
 University of North Carolina, Chapel
 Hill.
 Wake Forest College (recent degrees),
 Wake Forest.

North Dakota:

Fargo College, Fargo.
 University of North Dakota, Univer-
 sity.

Ohio:

Case School of Applied Science, Cleve-
 land.
 College of Wooster, Wooster.
 Denison University, Granville.
 Kenyon College, Gambler.
 Lake Erie College, Painesville.
 Marietta College, Marietta.
 Miami University, Oxford.
 Municipal University of Akron (sci-
 ence), Akron.
 Mount Union College, Alliance.
 Oberlin College, Oberlin.
 Ohio State University, Columbus.
 Ohio University (except Normal Col-
 lege), Athens.
 Ohio Wesleyan University, Delaware.
 Otterbein University, Westerville.
 University of Cincinnati, Cincinnati.
 Western College for Women, Oxford.
 Western Reserve University, Cleveland.
 Oklahoma: University of Oklahoma, Nor-
 man.

Oregon:

Pacific University, Forest Grove.
 Reed College, Portland.
 University of Oregon, Eugene.
 Willamette University, Salem.

Pennsylvania:

Allegheny College, Meadville.
 Bryn Mawr College, Bryn Mawr.
 Bucknell University, Lewisburg.
 Dickinson College, Carlisle.
 Franklin and Marshall College, Lan-
 caster.
 Haverford College, Haverford.
 Lafayette College, Easton.
 Lebanon Valley College, Annville.
 Lehigh University, South Bethlehem.
 Muhlenberg College, Allentown.
 Pennsylvania College, Gettysburg.
 Pennsylvania State College, State Col-
 lege.

Pennsylvania—Continued.

Susquehanna University, Selinsgrove.
 Swarthmore College, Swarthmore.
 Temple University, Philadelphia.
 University of Pennsylvania, Philadel-
 phia.
 University of Pittsburgh, Pittsburgh.
 Ursinus College, Collegeville.
 Washington and Jefferson College,
 Washington.
 Wilson College, Chambersburg.
 Rhode Island: Brown University (except
 recent degrees), Providence.
 South Carolina:
 Converse College, Spartanburg.
 Wofford College, Spartanburg.
 South Dakota:
 University of South Dakota, Vermillion.
 Yankton College, Yankton.
 Tennessee:
 Maryville College, Maryville.
 University of Tennessee, Knoxville.
 University of the South, Sewanee.
 Vanderbilt University, Nashville.

Texas:

Baylor University, Waco.
 Southwestern University, Georgetown.
 Trinity University, Waxahachie.
 University of Texas, Austin.

Utah: University of Utah, Salt Lake City.

Vermont:

Middlebury College, Middlebury.
 University of Vermont, Burlington.

Virginia:

College of William and Mary, Wil-
 lamsburg.
 Emory and Henry College, Emory.
 Hampden-Sidney College, Hampden-
 Sidney.
 Randolph-Macon College, Ashland.
 Randolph-Macon Woman's College,
 Lynchburg.
 Richmond College, Richmond.
 Roanoke College, Salem.
 University of Virginia, Charlottesville.
 Washington and Lee University, Lex-
 ington.

Washington:

State College of Washington, Pullman.
 University of Washington, Seattle.
 Whitman College, Walla Walla.

West Virginia: West Virginia University,
 Morgantown.

Wisconsin:

Beloit College, Beloit.
 Carroll College, Waukesha.
 Lawrence College, Appleton.
 Marquette University, Milwaukee.
 Milton College, Milton.
 Milwaukee-Downer College, Milwaukee.
 Northwestern College, Watertown.
 Ripon College, Ripon.
 St. Clara College and Academy, Sin-
 sinawa.

University of Wisconsin, Madison.
 Wyoming: University of Wyoming, Laramie.

COLORADO.

The University of Colorado has no official list of approved institutions. In estimating the advanced standing to be given applicants the university makes use largely of the tentative classification prepared by the United States Bureau of Education in 1911. It also consults the State universities or other recognized institutions in the States from which applications for advanced standing come.

FLORIDA.

The basis for accrediting institutions by the University of Florida is the fact that the schools maintain the same standard in their courses as the university and that they have adequate facilities, equipment, and endowment for carrying on their work.

Florida State College for Women, Tallahassee.
John B. Stetson University, Deland.
Rollins College, Winter Park.

GEORGIA.

The University of Georgia has no list of accredited colleges.

IDAHO.

The University of Idaho has no formal list of accredited colleges. It accepts at full credit students from the State universities and such institutions as the University of Chicago, Wellesley College, Harvard University, etc.

ILLINOIS.

The University of Illinois has as yet made no formal list of accredited colleges. With a view to this end two committees, a committee of the executive faculty of the graduate school and a committee on the transfer of credits, have been working for two years. Tentative ratings have been made, but these are not ready for publication. The rating of institutions will be in accordance with the following standards and regulations:

1. A graduation requirement of four years (120 semester hours) of collegiate grade.
2. A minimum entrance requirement of 14 units. By the minimum requirement is meant the smallest number of units with which a student may be permitted to begin college work, i. e., the nominal requirement minus the number of units of conditions allowed.
3. A requirement that all entrance conditions must be removed before a student may be permitted to begin a second year of work in the same institution.
4. Not less than eight distinct departments in liberal, arts and sciences, with at least one professor giving full time to college work in each department.

5. A minimum scholastic preparation of all college teachers of academic subjects equivalent to graduation from a college of high grade and graduate work equal to that required for the master's degree of the University of Illinois.

6. A maximum of 16 semester hours per week required of college teachers.

7. A maximum enrollment of 30 students in recitation or laboratory sections.

8. Buildings and equipment of the value of at least \$100,000.

9. A productive endowment sufficient to yield a net annual income of at least \$10,000 available for instructional purposes in the college department (liberal arts and sciences).

10. A library of not less than 10,000 bound volumes in addition to public documents.

11. Laboratory equipment of a value of not less than \$3,000 in physics (\$4,000 if work is offered in advance of one-year course); \$2,500 in chemistry; and \$2,500 in biology.

12. Lighting, heating, ventilation, water supply, arrangement of laboratories, corridors, and closets, and methods of cleaning such as to insure hygienic conditions.

13. In addition to the foregoing specific requirements, the general standards and spirit of the administration and faculty shall be considered.

Higher institutions from which students apply for advanced standing shall be grouped for the present in seven classes:

1. *Colleges of Class A Plus.*—This class shall include institutions which meet in full all the criterions of a standard college (given above).

Students from institutions rated in Class A Plus shall receive hour-for-hour credit.

2. *Colleges of Class A.*—This class shall include institutions which approximate the standard set for Class A Plus, but fall short of it in certain particulars. For example, a college which has but 6 departments instead of 8, or permits two years instead of one for the removal of conditions, or has one or two members on its staff with only a bachelor's degree, or is slightly short of the standard set for the library or laboratory equipment, would fall in this class.

Students from institutions rated in Class A shall receive substantially hour-for-hour credit up to a maximum of 30 hours per year, except in specific departments as may be noted in the rating of the individual institution.

3. *Colleges of Class B.*—This class shall include institutions which, while of collegiate character and standards, fall short in more important particulars of the standard set for Class A Plus.

Students from institutions rated in Class B shall receive approximately three-fourths credit up to a maximum of 24 hours per year, except in specific departments as may be noted in the rating of the individual institution. —This means that a student who offers three years of work from a college of Class B would receive at the most 72 hours and would have to spend two years to get his degree from the University of Illinois; in other words, it represents a differential of one year toward that degree.

4. *Colleges of Class C.*—This class shall include institutions which, while organized and designated as colleges, appear to be in reality little more than secondary schools.

Students from institutions of Class C may receive, in departments to be specifically designated in each case, approximately one-half credit up to a total maximum of 36 hours.

INDIANA.

Indiana University accepts the rating of collegiate institutions given by the State board of education,¹ and equivalent credit is given to students from such institutions, provided their work has been in the subjects belonging to the university college curriculum. Graduates of these institutions are admitted to the graduate school of Indiana University if, in the judgment of the departments concerned, they have had sufficient work in a major subject to prepare them for graduate work in the university in that subject.

Butler College, Indianapolis.
De Pauw University, Greencastle.
Earlham College, Earlham.
Franklin College, Franklin.
Hanover College, Hanover.

Notre Dame University, Notre Dame.
Purdue University, Lafayette.
St. Mary's College, Notre Dame.
Wabash College, Crawfordsville.

IOWA.

The University of Iowa has no list of accredited colleges. It accepts students from all the collegiate institutions of the State, with such credits as each individual case deserves.

KANSAS.

Collegiate institutions are accredited by the University of Kansas for the acceptance of entrance requirements, acceptance of the college credits at face value, and unconditional admission to the university graduate school of holders of bachelor's degrees from the colleges accredited.

Baker University, Baldwin City.
Bethany College, Lindsborg.
College of Emporia, Emporia.
Cooper College, Sterling.
Fairmount College, Wichita.

Friends University, Wichita.
Kansas Wesleyan University, Salina.
Ottawa University, Ottawa.
Southwestern College, Winfield.
Washburn College, Topeka.

KENTUCKY.

As a member of the Kentucky Association of Colleges, the State University of Kentucky agrees to accept the work done in any or all of the other colleges which are members of the association. The conditions required for membership are as follows:

ARTICLE 1, SEC. 2. Members of the faculty of any other college or university in Kentucky which employs at least six professors, giving their entire professional time to college or university work, and which requires for the baccalaureate degree the completion of a regular four-year curriculum, embracing at least 120 semester hours, exclusive of physical training, and which requires for entrance to its freshman class not less than 15 units, approved by the committee on accredited schools of this association, and has from tuition and other

¹ See p. 32.

regular funds an income of not less than \$15,000 per year, and has accessible to its students a library adequate to the needs of the various departments, systematically catalogued, and has laboratory equipment sufficient for giving at least two years of work in each of the elementary sciences (biology, chemistry, and physics), shall be eligible to membership in this association, and shall be recognized as members upon the acceptance of the institution to which they belong by the executive committee of this association.

The other members of the association are (September, 1916):

Berea College, Berea.	Kentucky Wesleyan College, Winchester.
Centre College of Kentucky, Danville.	Transylvania College, Lexington.
Georgetown College, Georgetown.	University of Louisville, Louisville.

LOUISIANA.

The following constitutes the practice of the Louisiana State University in accrediting institutions for the acceptance of advanced credits of students transferring from them to the university:

I. The Louisiana State University has no list of individual institutions the work of which it accepts at a fixed value; but for the purpose of accrediting the work of undergraduates who transfer to this institution, and for the purpose of admitting graduates who wish to pursue work leading to the master's degree in this university, it recognizes all institutions which are members of any of the following associations:

The Association of Colleges and Secondary Schools of the Southern States.
 The North Central Association of Colleges and Secondary Schools.
 The Association of Colleges and Preparatory Schools of the Middle States and Maryland.
 The New England Association of Colleges and Secondary Schools.

Institutions which are not members of the associations named above, but which are members of the Association of American Universities or which are on the accepted list of the Carnegie Foundation for the Advancement of Teaching will also be recognized.

Those institutions not included in the above lists which, however, offer a four-year college course, after admission requirements amounting to four years of high-school work, may be recognized. These are for the most part church colleges. In dealing with a student coming to us from one of these institutions, the matter is usually referred to the State university of the State in which the institution in question is located. The Louisiana State University will usually accept the rating given by this State university.

II. The institution accredited must require for admission four years of secondary work, and must offer a four-year college course leading to the degree of bachelor of arts or bachelor of science. If not a member of one of the associations named above, it must be recognized by the State university in the State in which it is located.

III. A graduate of a recognized institution will be admitted to graduate standing in the Louisiana State University and will be permitted to qualify for the master's degree in one year. No work above the grade of the master's degree is offered by the Louisiana State University.

Undergraduates coming from recognized institutions may transfer to the Louisiana State University and receive full credit for their work. However, in case of all undergraduates, the Louisiana State University requires that the transferred student meet its specific admission requirements as well as its specific curriculum requirements.

MAINE.

The University of Maine accepts students from all colleges that meet the Carnegie standard. Students coming from such colleges have their credits transferred at par.

MICHIGAN.

The University of Michigan publishes no list of approved collegiate institutions. Applications for admission on advanced credit are settled on their merits, each case being dealt with individually. The university reserves the right to revise all advanced credit accounts after a student has been in residence a year.

MINNESOTA.

The University of Minnesota publishes no list of approved colleges. It bases its attitude toward the various collegiate institutions of the State on the reports of investigating committees which it sends out. Institutions which such reports show to have entrance standards corresponding to those of the university, which offer four full years of college work, with equipment and teaching staff comparing favorably with those of the university, are accorded full recognition. Students transferring to the university from these recognized colleges are entitled to corresponding rank at the university, provided that in no case will more than three years of advanced standing be granted to candidates for the bachelor's degree. Graduates of the recognized institutions are admitted to the graduate school of the university without examination, the time necessary to secure the master's degree depending upon the extent to which the student has specialized in his major subject.

Carleton College, Northfield.
College of St. Catherine, St. Paul.
College of St. Teresa, Winona.
Gustavus Adolphus College, St. Peter.
Hamline University, St. Paul.

Macalester College, St. Paul.
Red Wing Seminary, Red Wing.
St. Olaf College, Northfield.
St. Thomas College, St. Paul.

Colleges in the State having accredited relations with the university, whose students may receive credit to the amount of two years, are:

Albert Lea College, Albert Lea.
Augustburg Seminary, Minneapolis.
Concordia College, Moorhead.

Concordia College, St. Paul.
Park Region Luther College, Fergus Falls.
St. John's College, Collegeville.

MISSISSIPPI.

Graduates of the following collegiate institutions are admitted to such A. M. courses at the University of Mississippi as they may be

qualified to take. Credits from these colleges are, in general, accepted at their face value by the university. The institutions were on the 14-unit basis and give four years of work for the bachelor's degree.

Millaps College, Jackson.
Mississippi College, Clinton.
Mississippi Industrial Institute and College, Columbus.

MISSOURI.

The University of Missouri is a member of the Missouri College Union and as such agrees to accept the credits of students obtained in the other colleges of the union. It also accepts their A. B. graduates for admission to the graduate school of the university, but not with the understanding that they may take the master's degree in one year. The length of time required for this depends upon the opportunities for specialization offered by the institution in the department in which the student has specialized and the advantage he has taken of the opportunities offered.

Membership in the union is determined by vote of the institutions already members. A committee appointed by the union inspects and reports on all colleges making application for membership, and the action of the union is based on this report.

Central College, Fayette.
Central Wesleyan College, Warrenton.
Drury College, Springfield.
Missouri Valley College, Marshall.
Park College, Parkville.
St. Louis University, St. Louis.

Tarkio College, Tarkio.
University of Missouri, Columbia.
Washington University, St. Louis.
Westminster College, Fulton.
William Jewell College, Liberty.

MONTANA.

The University of Montana publishes no list of accredited collegiate institutions. Credits are accepted at full value only from institutions recognized by the State universities of the respective States.

NEBRASKA.

The University of Nebraska publishes no list of accredited or approved collegiate institutions.

NEVADA.

The University of Nevada publishes no list of accredited colleges. It accepts the work of those universities and colleges which require 15 units for entrance and whose college work entitles them to be ranked among institutions of the first class.

NEW MEXICO.

The University of New Mexico has as yet no scheme for accrediting collegiate institutions. It allows full credit, however, for work done in a State university or an institution that is a member of the North Central Association of Colleges and Secondary Schools. Other cases it settles on their merits.

NORTH CAROLINA.

The University of North Carolina issues no list of accredited institutions of collegiate grade. As a rule applications for advanced standing are dealt with individually.

NORTH DAKOTA.

The University of North Dakota recognizes the work of the North Dakota Agricultural College and of Fargo College (both located at Fargo). Credit for credit is given in so far as the subjects covered fit in with the course elected by the student at the university.

The smaller colleges of the State have not been investigated by the university.

OHIO.

The Ohio State University was unable to furnish a list of approved institutions. At the time the bulletin went to press a committee appointed by the university was engaged in inspecting the colleges of the State with a view to preparing such a list, but the work had not proceeded far enough to enable the university to make a satisfactory report.

OKLAHOMA.

Recognition of collegiate institutions by the University of Oklahoma is based upon the requirement of four years of high-school work for admission; upon the maintenance of satisfactory educational standards for members of the faculty; upon the character of the courses offered; and upon the possession of facilities for giving these courses.

The university recognizes the work of the following institutions to the extent of admitting their students conditionally to such standing as the number of these courses and the amount of time spent on them will warrant. After the successful completion of one year of work of a rank corresponding with the standing to which the students have been admitted, the evaluation of their work is revised or made permanent.

Henry Kendall College, Tulsa.
Kingfisher College, Kingfisher.
Oklahoma Methodist University, Guthrie.

Oklahoma Agricultural and Mechanical College, Stillwater.
Phillips University, East End.

OREGON.

The University of Oregon admits the holders of the A. B. degree from the following institutions to graduate standing in the university:

Albany College, Albany.	Reed College, Portland.
McMinnville College, McMinnville.	Willamette University, Salem.
Pacific University, Forest Grove.	

Holders of the A. B. degree from the following colleges are allowed senior standing in the university:

Pacific College, Newberg.	Philomath College, Philomath.
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SOUTH CAROLINA.

The University of South Carolina accepts the work of the following institutions as far as it coincides with the work of the university. The case of each applicant for advanced standing is dealt with individually, and the student is allowed to enter the class that his attainments entitle him to.

Anderson College, Anderson.	Furman University, Greenville.
Chicora College for Women, Columbia.	Greenville Female College, Greenville.
The Citadel, the Military College of South Carolina, Charleston.	Limestone College, Gaffney.
Clemson Agricultural College, Clemson College.	Newberry College, Newberry.
Coker College for Women, Hartsville.	Presbyterian College of South Carolina, Clinton.
College of Charleston, Charleston.	Winthrop Normal and Industrial College, Rockhill.
Columbia College, Columbia.	Wofford College, Spartanburg.
Converse College, Spartanburg.	Woman's College of Due West, Due West.
Erskine College, Due West.	

SOUTH DAKOTA.

The University of South Dakota publishes no list of accredited institutions. Each application for advanced standing is dealt with individually.

TENNESSEE.

The University of Tennessee publishes no list of accredited or recognized colleges. Applications for advanced standing are dealt with individually.

TEXAS.

Classification of the colleges of Texas was made July 7, 1916, and additions made September 1, 1916, by the classification committee appointed for this purpose by the college section of the Texas State Teachers' Association, the classification being made with respect to the standards adopted by the college section.

Colleges shall be grouped in four classes, as follows:

(1) Colleges of Class A Plus. This class includes institutions which meet in full all the criteria of a standard college as adopted by the college section of the Texas State Teachers' Association. Students from institutions that are in Class A Plus should receive hour-for-hour credit.

(2) Colleges of Class A. This class includes institutions which approximate the standards set for Class A Plus, but fall short of it in certain particulars. For example, a college which has but 6 separate departments, instead of 7, or is slightly short of the standard set for the library or laboratory equipment, or has one or two teachers having more than 20 hours of classroom work per week, would fall in this class. Students from institutions rated in Class A should receive a maximum of 13 session hours per year, or their work in specified departments may be discounted, as noted in the rating of the individual institution.

(3) Colleges of Class B. This class includes institutions which, while of collegiate character and standards, fall short in more important particulars of the standards set for Class A Plus. Students from institutions rated in Class B receive approximately three-fourths credit up to a maximum of 11 session hours per year, except in specific departments, as may be noted in the rating of the individual institution. (This means that a student who offers three years of work from a college of Class B would receive, at the most, 33 session hours, and would have to spend approximately two years in the new institution to get his degree; in short, it represents a differential of one year.)

(4) Colleges of Class C. This class includes institutions which, while organized and designated as colleges, appear to be in reality little better than secondary schools. Students from institutions of Class C should receive, in departments to be specifically designated in each case, approximately one-half credit up to a total maximum of 7½ session hours per year.

Minimum requirements for a college:

1. Entrance requirements should not be less than 14 standard high-school units.
2. The completion of four years of work of 36 weeks each, with an average of not less than fifteen 60-minute recitations per week. During each year the student may not complete, as a rule, more than one-fourth of the requirements for graduation, except when making up conditions. Should the college have four quarters of 12 weeks each, then a student may graduate in less than four years. At least one year of actual residence work should be required of all students who enter with advanced standing.
3. The conferring of a multiplicity of degrees is to be discouraged. It is far better for a small institution to build up one good, strong degree.
4. There should be maintained at least seven separate departments in liberal arts and sciences, with not less than one professor devoting his whole time to each department.
5. The college should be separate from any academy or preparatory school to the extent of separate faculties and classes.
6. A faculty properly qualified shall consist entirely of graduates of standard colleges, and each head of a department shall hold at least a master's degree from a standard college or have attained eminent success as a teacher. Graduate study and training in research equivalent to that required for the Ph. D. degree are urgently recommended. In departments of education, in addition to the above requirements, teachers should have had successful experience in public-school work.
7. Heads of departments should not receive salaries less than those paid by standard institutions. The average salary paid to members of the faculty is a serious factor in determining the standing of any institution.
8. The number of hours of work given by each teacher will vary in the different departments. To determine this, the amount of preparation required for the class and the time needed for study to keep abreast of the subject,

together with the number of students, must be taken into account; but in no case shall more than 20 hours per week be required, 15 being recommended as a maximum.

9. The number of students in a recitation or laboratory class should be limited to 30. A smaller number is much to be desired.

10. There should be an annual income of at least \$20,000 from either or all of tuition fees, rent, or endowment. This does not include charges for board.

11. The library should contain, exclusive of public documents and periodical publications, 5,000 volumes bearing specifically upon the subjects taught.

12. The laboratory equipment should be sufficient to perform all of the experiments called for by the courses offered in the sciences—sufficiency to be measured by the value of the apparatus—which shall be in chemistry not less than \$2,500, in physics not less than \$3,500, in biology not less than \$2,500.

13. The location and construction of the buildings, the lighting, heating, and ventilation of the rooms, the nature of the laboratories, corridors, closets, water supply, school furniture, apparatus, and methods of cleaning shall be such as to insure hygienic conditions for both students and teachers.

14. The character of the curriculum, the efficiency of instruction, the scientific spirit, the standard for regular degrees, the conservatism in granting honorary degrees, and the tone of the institution shall also be factors in determining its standing.

15. The institution must be able to prepare its graduates to enter recognized schools as candidates for advanced degrees.

CLASS A PLUS.

Austin College, Sherman.
Baylor Female College, Belton.
Baylor University, Waco.
Daniel Baker College, Brownwood.
Howard Payne College, Brownwood.
Simmons College, Abilene.

Southwestern University, Georgetown.
Southern Methodist University, Dallas.
Texas Christian University, Fort Worth.
Texas Woman's College, Fort Worth.
Trinity University, Waxahachie.
University of Texas, Austin.

(Classes A, B, and C are vacant.)

UTAH.

No formal action in recognizing collegiate institutions has been taken by the University of Utah, but the work of the Utah Agricultural College, at Logan, and of Brigham Young University, at Provo, is accepted as standard by the university.

In the case of students applying for advanced standing from institutions outside the State whose reputation is not well known, the universities of the States from which the applicants come are consulted.

VERMONT.

The University of Vermont accepts the credentials of Middlebury College, Middlebury, giving substantially hour-for-hour credit. The work of Norwich University, Northfield, and of St. Michael's College, Winooski, is given part credit.

Outside the State the university accepts the work of all institutions having membership in the New England College Entrance Certificate Board and of others maintaining equivalent entrance requirements. In the case of institutions whose work is not well known, the university seeks information from the nearest approved institutions.

VIRGINIA.

The University of Virginia does not have a list of accredited institutions. Applicants for a master's or doctor's degree coming from other institutions are admitted to candidacy for such degree at the university, provided the institution from which they received their baccalaureate degrees fulfill the following conditions:

(1) That they have a faculty of at least six professors giving their full time to college or university work; (2) entrance requirements equal to those of the University of Virginia, and (3) courses of four full years in liberal arts and sciences.

Students coming from institutions meeting the above conditions are not required to take any undergraduate courses except such as the committee on rules and courses or the professors in charge of the graduate courses they elect may consider necessary for the successful prosecution of those courses. If, however, the institution does not meet the three conditions, the candidate's preparation is carefully considered by the committee on rules and courses, which prescribes such undergraduate courses as are deemed necessary to supply his deficiencies.

WASHINGTON.

The University of Washington has prepared no list of accredited institutions. In admitting students to advanced standing the university uses as a general guide the tentative classification prepared by the Bureau of Education in 1911. The credits of students who have come from institutions concerning which the University of Washington has little or no definite information are usually submitted for evaluation to the State university or some well recognized institution in the State in which the colleges in question are located.

Following is the practice of the university in dealing with the colleges of the State:

College of Puget Sound, Tacoma.—Full credit allowed for all work done within the last four or five years.

Gonzaga College, Spokane.—Liberal arts credits have not been evaluated because students entering the university have gone into some of its professional schools.

Spokane College, Spokane.—Students accepted on probation for the past six years.

Whitman College, Walla Walla.—Credits accepted hour for hour.

Whitworth College, Spokane.—University unable to get complete records of students, due perhaps to recent removal of the institution to Spokane.

WEST VIRGINIA.

West Virginia University publishes no list of accredited institutions. Each case is dealt with on its merits. As regards institutions outside the State, the university grants all colleges that are in good standing with their own State university any privileges in the way of accrediting that is granted by the university of the State from which the student comes.

WISCONSIN.

Students of the State normal schools and of certain colleges of Wisconsin who have fully and satisfactorily covered the requirements of the first two years' work in the courses they desire to pursue at the university are admitted to junior rank in the college of letters and science of the university. In case of migration at an earlier period than the end of the sophomore year proportional credit is given. Formal inspection of the institutions by university representatives is made of the colleges before such privilege is granted.

Beloit College, Beloit.	Platteville State Normal School, Platteville.
Carroll College, Waukesha.	Ripon College, Ripon.
La Crosse State Normal School, La Crosse.	River Falls State Normal School, River Falls.
Lawrence College, Appleton.	St. Clara College and Academy, Sinsinawa.
Marquette University, Milwaukee.	Stevens Point State Normal School, Stevens Point.
Milwaukee-Downer College, Milwaukee.	Superior State Normal School, Superior.
Milwaukee German-American Seminary (provided the candidate majors in German), Milwaukee.	Whitewater State Normal School, Whitewater.
Milwaukee State Normal School, Milwaukee.	
Oshkosh State Normal School, Oshkosh.	

WYOMING.

The University of Wyoming has no formal list of accredited collegiate institutions. Each case of students transferring from other institutions is judged on its merits.

PART II.—INSTITUTIONS ACCREDITED BY STATE DEPARTMENTS OF EDUCATION.

ALABAMA.

For recognition by the Department of Education of Alabama, an institution must maintain four years of standard college work for graduation; must require for entrance the completion of four years of standard high-school work, with a minimum of 14 units; and must have a department for the professional training of teachers under the direction of a person specially trained in educational branches,¹ or of some professor at the head of a related department who shall before the beginning of the year pursue for a minimum of six weeks a course of professional study at some college or university which makes a specialty of teacher training. To graduates of such institutions, first-grade teachers' certificates are granted without examination.

Alabama:

Alabama Polytechnic Institute, Auburn.

Athens Female College, Athens.
Birmingham College, Birmingham.
Howard College, Birmingham.

Judson College, Marion.
Southern University, Greensboro.
University of Alabama, University.
Woman's College of Alabama, Montgomery.

District of Columbia: Howard University, Washington.

Florida: Florida State College for Women, Tallahassee.

Georgia:

Agnes Scott College, Decatur.
Georgia Normal and Industrial College, Milledgeville.
University of Georgia, Athens.

Illinois:

Northwestern University, Evanston.
University of Chicago, Chicago.
University of Illinois, Urbana.

Indiana:

Earlham College, Earlham.
Indiana University, Bloomington.
Valparaiso University, Valparaiso.

Iowa: Morningside College, Sioux City.

Kentucky: University of Kentucky, Lexington.

Louisiana: H. Sophie Newcomb Memorial College, New Orleans.

Maryland: Goucher College, Baltimore.

Michigan:

Hilledale College, Hilledale.
University of Michigan, Ann Arbor.

Minnesota: University of Minnesota, Minneapolis.

Mississippi: Industrial Institute and College, Columbus.

Missouri:

University of Missouri, Columbia.
Washington University, St. Louis.

New York: Columbia University, New York.

North Carolina: Trinity College, Durham.

Ohio: Denison University, Granville.

South Carolina: Winthrop Normal and Industrial College, Rock Hill.

Tennessee:

Cumberland University, Lebanon.
George Peabody College for Teachers, Nashville.

University of Tennessee, Knoxville.

Texas: Baylor University, Waco.

Virginia: Randolph-Macon Woman's College, Lynchburg.

Wisconsin: University of Wisconsin, Madison.

¹The remainder of this provision refers to institutions in Alabama only.

ARIZONA.

Collegiate institutions accredited by the Arizona State Board of Education must prepare their graduates who may be applicants for first-grade teachers' certificates in the State of Arizona to meet the following conditions:

The applicant must have completed a full English classical or scientific course in which at least four years' work is required above an approved high-school course of four years; he must have taken at least one year's work in education, covering the subjects of pedagogy, history of education, school economy, and school government.

(The Bureau of Education was unable to obtain a list of the accredited institutions, as the list was undergoing revision at the time of the publication of this document.)

ARKANSAS.

Following is the practice of the Arkansas State Board of Education in granting licenses to teach to graduates of the higher institutions of the State:

No formal recognition further than to grant a charter has been given by the State board of education to any colleges of the State. A committee of the board has, however, been appointed to rate the work of the various colleges and to make regulations concerning the credit to be given to it in issuing licenses to teach and is now at work at it.

It has been the practice of the superintendent of public instruction to grant licenses to graduates of the colleges named below when the work done by the applicant in the college has covered the subjects named in the law defining the various grades of State-wide license. In all cases the applicant must have had six months of successful experience in teaching, and if he is an applicant for unlimited State license, he must have had at least one year of successful experience in teaching.

Arkansas Baptist College (colored), Little Rock.	Henderson-Brown College, Arkadelphia.
Arkansas College, Batesville.	Hendrix College, Conway.
Arkansas Conference College, Siloam Springs.	Little Rock College, Little Rock.
Arkansas Cumberland College, Clarksville.	Ouachita College, Arkadelphia.
Central College, Conway.	Philander Smith College (colored), Little Rock.
Galloway College, Searcy.	State Normal School, Conway.
	University of Arkansas, Fayetteville.

CALIFORNIA.

To obtain the high-school teacher's certificate in California the applicant must have received a bachelor's degree from a standard college and have completed in addition one year of graduate study in an approved graduate school. Institutions which the State Board of Education of California approves as qualified to offer the prescribed graduate work must meet the following requirements:

1. For college matriculation the university applying for recognition must demand and enforce an entrance requirement of at least 15 units, as defined by the Carnegie foundation.

2. For admission to any bona fide graduate course for graduate students, not less than 24 undergraduate units in the same subject shall be required, of which at least 15 shall be advanced work, e. g., 24 units of undergraduate history, 15 of them taken in the junior or senior years.

3. Satisfactory evidence must be presented showing that the institution under consideration maintained at least one two-hour or three-hour graduate course in from 8 to 10 of the departments represented in the high schools of the State.

4. No professor conducting such a graduate course shall have more than a total of 12 hours per week of class exercises.

5. Satisfactory evidence must be presented showing that adequate provision exists for the professional training required by the State board, practice teaching being confined to the graduate year.

6. No recommendation for the high-school certificate to be issued except on the basis of proficiency in at least one of the subjects taught in high schools and the satisfactory completion of an academic nonprofessional graduate course.

7. Laboratory and library equipment must be adequate for the successful conduct of graduate work in at least 8 or 10 departments.

8. Satisfactory guaranties must be given that at least \$10,000 a year is being spent and will continue to be spent on salaries and equipment for the exclusive benefit of the graduate department.

9. The board reserves the right to examine into conditions from time to time and to determine whether the conditions agreed upon are complied with and whether the scholarship standard is and remains that of a modern progressive university.

No institution is placed on the approved list unless it is a member of the Association of American Universities or the Association of State Universities.

California:

Leland Stanford Junior University,
Stanford University.
University of California, Berkeley.
University of Southern California, Los Angeles.¹

Colorado: University of Colorado, Boulder.¹
Connecticut: Yale University, New Haven.
District of Columbia: Catholic University of America, Washington.

Illinois:

University of Chicago, Chicago.
University of Illinois, Urbana.

Indiana: Indiana University, Bloomington.

Iowa: State University of Iowa, Iowa City.

Kansas: University of Kansas, Lawrence.

Maryland: Johns Hopkins University, Baltimore.

Massachusetts:

Clark University, Worcester.
Harvard University, Cambridge.

Michigan: University of Michigan, Ann Arbor.

Minnesota: University of Minnesota, Minneapolis.

Missouri: University of Missouri, Columbia.

Nebraska: University of Nebraska, Lincoln.

New Jersey: Princeton University, Princeton.

New York:

Columbia University, New York City.
Cornell University, Ithaca.

Ohio: Ohio State University, Columbus.¹

Pennsylvania: University of Pennsylvania, Philadelphia.

Texas: University of Texas, Austin.¹

Virginia: University of Virginia, Charlottesville.

Washington: University of Washington, Seattle.¹

Wisconsin: University of Wisconsin, Madison.

¹ Accrediting not to extend to postgraduate work done prior to the academic year. 1911-12.

COLORADO.

The State Board of Examiners of Colorado recognizes all colleges whose entrance requirements are graduation from a four-year high school and which maintain a standard four years' course of collegiate work including the following subjects: General and educational psychology, history of education, science and principles of education, practice teaching, organization and management of schools, philosophy, sociology, and anthropology.

Graduates from such recognized colleges located in the State of Colorado are entitled to temporary nonrenewable certificates which may be replaced by five-year State certificates after the holder has had 24 months of successful teaching experience. Graduates from standard colleges located outside of the State are required to have at least 24 months of teaching experience before they are entitled to a State certificate.

CONNECTICUT.

There is no machinery for accrediting colleges and universities in Connecticut.

DELAWARE.

To be recognized by the Delaware State Board of Education a college or university must have adequate academic and some professional work. The graduates of institutions so recognized may obtain a limited professional teacher's certificate.

Colorado: Colorado College, Colorado Springs.	New York: Vassar College, Poughkeepsie.
Delaware:	Ohio: Oberlin College, Oberlin.
Delaware College, Newark.	Rhode Island: Rhode Island State College, Kingston.
State College for Colored Students, Dover.	Pennsylvania:
Kansas: Fairmount College, Wichita.	Albright College, Myerstown.
Maine: Bates College, Lewiston.	Pennsylvania College, Gettysburg.
Maryland:	Pennsylvania State College, State College.
Goucher College, Baltimore.	Swarthmore College, Swarthmore.
Maryland College for Women, Lutherville.	Ursinus College, Collegeville.
Washington College, Chestertown.	Wilson College, Chambersburg.
Western Maryland College, Westminster.	Vermont: Middlebury College, Middlebury.
Massachusetts: Wellesley College, Wellesley.	Virginia: Randolph-Macon College, Ashland.
	West Virginia: Storer College (colored), Harpers Ferry.

DISTRICT OF COLUMBIA.

The District of Columbia Board of Education accredits or approves no collegiate institutions.

FLORIDA.

Institutions are accredited by the Department of Public Instruction of Florida through inspection of their courses of study and their daily work. Graduates of the State college and of the State university receive State certificates without examination, on condition that their average grades, made in their junior and senior years, are not less than 85 per cent, with no grade below 60 per cent. Graduates of independent institutions may also receive State certificates without examination under the same law, if those institutions meet the requirements of the State board of education and the State board of control.

Columbia College, Lake City.
Florida State College for Women, Tallahassee.
John B. Stetson University, Deland.

Hollins College, Winter Park.
Southern College, Sutherland.
University of Florida, Gainesville.

GEORGIA.

The Department of Education of Georgia does not formally approve the colleges of the State. The following six institutions, however, have arranged their work so that their graduates are granted the professional college certificate, provided their courses have included three courses in education preparatory to teaching, supervision, and administration, these courses to be the equivalent of at least three hours a week each through a year. These are the minimum requirements of the State board of education, which also inspects the examinations and work generally.

Agnes Scott College, Decatur.
Emory University, Atlanta.
Mercer University, Macon.
North Georgia Agricultural College, Dahlonega.

University of Georgia, Athens.
Wesleyan Female College, Macon.

The following institutions have arranged their courses so that their graduates are granted the professional normal certificate:

Bessie Tift College, Forsyth.
Brenau College, Gainesville.

La Grange Female College, La Grange.
Shorter College, Rome.

IDAHO.

Recognition is given by the Department of Education of Idaho to the work of the University of Idaho (at Moscow) and to the College of Idaho (at Caldwell). Graduates of these institutions who receive the degree of bachelor of arts or bachelor of science and the certificate of the head of the department of education of these institutions that they have completed the required work in that department, or in lieu of such certificate have taught successfully in the public schools of the State for a period of two years, may receive a State certificate from the State board of education. The basis for recognition is visitation of the institutions.

Institutions without the State recognized by the department of education are those which are accredited by the departments of education in the several States.

ILLINOIS.

For the purpose of certificating teachers the Department of Education of Illinois divides the higher institutions of the State into four groups, as follows:

GROUP I—RECOGNIZED NORMAL SCHOOLS.

DEFINITION.

A normal school is an institution whose organization, administration and instruction are determined by one controlling purpose; viz, the education of teachers for the public schools.

A recognized normal school is an institution employing at least 16 teachers, each of whom devotes more than half of his time to teaching students above the four-year high-school grade, and at least six teachers who devote their entire time to the training of teachers in a practice school.

It shall require for graduation two full years of normal school work or 24 term credits.

A term credit is the work done in a subject requiring not less than four 45-minute recitation periods per week for not less than 12 weeks.

A year of practice teaching shall include the equivalent of 45 minutes per day for 180 days spent in the actual teaching of pupils in a kindergarten, elementary, or high school under competent and close supervision.

The recognition of the Illinois State normal schools includes the recognition of their work as normal schools, teachers' colleges, and special schools.

Chicago Normal School, Chicago.	Southern Illinois State Normal University, Carbondale.
Eastern Illinois State Normal School, Charleston.	Western Illinois State Normal School, Macomb.
Illinois State Normal University, Normal.	
Northern Illinois State Normal School, DeKalb.	

GROUP II—RECOGNIZED COLLEGES AND UNIVERSITIES.

DEFINITION.

An institution to be ranked as a recognized college or university shall have at least six professors giving their entire time to college or university work, the necessary equipment to give a course of four full years of college grade in the liberal arts and sciences, and shall require for admission not less than 15 secondary units of preparation in a recognized four-year high school or its equivalent. It shall require for graduation not less than 120 semester hours.

Graduates of such institutions seeking county or State certificates are required to show credits of at least 3 semester hours in educational psychology and 3 semester hours in the principles and methods of teaching.

Full recognition of a college or university by the department of public instruction means that all its work relating to the preparation

of teachers will be accepted according to the provisions of the certifying law, and that such recognition extends to all departments of the institution.

The following list of recognized institutions was made upon the basis of information furnished by inquiries and investigations along the lines of—

1. The relationship of the college to the Federation of Illinois Colleges.
2. The relationship of the college to the North Central Association of Colleges and Secondary Schools.
3. The relationship of the college to graduate schools in universities.
4. Recognition given to graduates of the college by departments of education in other States.
5. The catalogues and publications of the college.
6. The answers submitted by the president or registrar to the questions contained in the blanks sent out by the superintendent of public instruction of Illinois.
7. A visit made by authorized inspectors.

Fully recognized institutions (April, 1917).

(Period of recognition two years.)

Armour Institute of Technology, Chicago.	Lombard College, Galesburg.
Augustana College, Rock Island.	Loyola University, Chicago.
Carthage College, Carthage.	Monmouth College, Monmouth.
De Paul University, Chicago.	Northwestern College, Naperville.
Eureka College, Eureka.	Northwestern University, Evanston.
Illinois College, Jacksonville.	Rockford College, Rockford.
Illinois Wesleyan University, Bloomington.	St. Viator College, Bourbonnais.
Illinois Woman's College, Jacksonville.	University of Chicago, Chicago.
James Millikin University, Decatur.	University of Illinois, Urbana.
Knox College, Galesburg.	Wheaton College, Wheaton.
Lake Forest College, Lake Forest.	

Institutions recognized for one year (April, 1917).

Institutions recognized for one year will be visited within the ensuing year. If the results of such visit are satisfactory, the institution will be immediately placed upon the fully recognized list.

Greenville College, Greenville.	McKendree College, Lebanon.
Hedding College, Abingdon.	Shurtleff College, Upper Aton.

GROUP III—PARTIALLY RECOGNIZED COLLEGES AND UNIVERSITIES.

(a) Higher institutions of learning offering four years of college work beyond high-school graduation, but failing to meet all the requirements for full recognition may, upon examination, be granted partial recognition. Certain courses or parts of courses may be recognized, and the students or graduates of such recognized courses may be accorded the privileges granted by law in proportion to the work actually done as compared with fully recognized colleges.

(b) Such partial recognition shall be granted for only one year at a time.

(c) Whenever, upon examination, it is found that a partially recognized institution has met all the requirements of a recognized college or university, it shall be transferred to Group II:

Aurora College, Aurora.	Mount Morris College, Mount Morris.
Blackburn College, Carlinville.	William and Vashti College, Aloda.
Lincoln College, Lincoln.	

GROUP IV—RECOGNIZED JUNIOR COLLEGES AND TECHNICAL OR SPECIAL SCHOOLS.

1. *Recognized junior colleges.*—(For the definition and list of recognized junior colleges, see p. 73.)

2. *Recognized technical schools.*

An institution to be ranked as a technical or special school¹ must have at least four teachers giving their entire time to teaching technical or special subjects for two full years (60 semester hours of college grade), and shall require for admission not less than 15 secondary units of preparation in a recognized four-year high school or its equivalent.

Armour Institute of Technology, Chicago. | Lewis Institute, Chicago.
Bradley Polytechnic Institute, Peoria.

INDIANA.

A college to be rated as standard by the Department of Public Instruction of Indiana must meet the following requirements:

There must be five or more teachers devoting their time exclusively to college work; no teacher must be allowed to teach more than 25 hours per week (fewer than 20 per week are recommended); teachers in the departments of education must be graduates of standard normal schools, standard colleges, or universities doing graduate work; they must have had successful experience in public school work, and must be able to teach in a manner satisfactory to the State Teachers' Training Board.

There must be an endowment of not less than \$200,000 and an annual income, exclusive of tuition, of \$10,000.

The entrance requirements must be graduation from a commissioned high school or the equivalent.

The school year must consist of not less than 36 weeks; the recitation period must be at least 60 minutes; the course leading to the bachelor's degree must include four full years (144 weeks) of work beyond the entrance requirements.

The laboratory equipment must be adequate to meet the modern requirements of college work in the sciences attempted.

The library must be a growing library containing at least 5,000 volumes, exclusive of public documents. The educational department should have a good collection of educational and pedagogical books, and sets of the leading school journals and educational reports. The library must not be used for recitation purposes.

There must be a well-organized course for teachers requiring not less than one-fourth of the time of the student who is working for the bachelor's degree.

Butler College, Indianapolis.
DePauw University, Greencastle.
Earlham College, Earlham.
Franklin College, Franklin.
Hanover College, Hanover.

Indiana University, Bloomington.
Notre Dame University, Notre Dame.
Purdue University, Lafayette.
St. Mary's College, Notre Dame.
Wabash College, Crawfordsville.

¹ "Special" schools include schools of music, art, expression, etc., and are omitted.

IOWA.

Collegiate institutions accredited by the Iowa Department of Public Instruction must maintain the following standards. Graduates of accredited colleges receive first, second, or third grade State certificates, according to the course they have taken:

1. The number of class hours for the heads of departments shall not exceed 20 a week.
2. A faculty properly qualified shall consist of persons who have taken a master's degree in course in a recognized graduate school or have pursued graduate work in residence at least two years.
3. The library shall consist of at least 7,500 volumes, selected with reference to college subjects, and exclusive of public documents.
4. The laboratory equipment shall be adequate for doing work in a scientific way in the courses announced in the catalogue in botany, zoology, chemistry, physics, home economics, and agriculture.
5. The means of support is defined as requiring a permanent endowment of not less than \$200,000 or a fixed assured income, or its equivalent, exclusive of tuition, of at least \$10,000.
6. The college must maintain at least seven separate departments or chairs, and in case the pedagogical work of the institution is to be accepted without examination the college must maintain at least eight chairs, one of which shall be devoted exclusively to education or at most to philosophy, including psychology and education. The heads of at least five of these departments shall, in no case, devote less than three-fourths of their class hours to college work.
7. The graduates must in addition to the four-year college course show the completion of a four-year secondary course according to the standards established by the State board of education as entrance requirements to the collegiate courses of the institutions under the control of said board and the standing and character of the institution and the nature of its equipment and work must be such as to entitle its graduates to admission to the graduate college of the State University of Iowa.

Buena Vista College, Storm Lake.
 Central University of Iowa, Pella.
 Coe College, Cedar Rapids.
 Cornell College, Mount Vernon.
 Des Moines College, Des Moines.
 Drake University, Des Moines.
 Dubuque College, Dubuque.
 Ellsworth College, Iowa Falls.
 Grinnell College, Grinnell.
 Highland Park College, Des Moines.
 Iowa State College of Agriculture and Mechanical Arts, Ames.

Iowa State Teachers College, Cedar Falls.
 Iowa Wesleyan College, Mount Pleasant.
 Leander Clark College, Toledo.
 Lenox College, Hopkinton.
 Luther College, Decorah.
 Morningside College, Sioux City.
 Parsons College, Fairfield.
 Penn College, Oskaloosa.
 Simpson College, Indianola.
 State University of Iowa, Iowa City.
 Upper Iowa University, Fayette.

KANSAS.

Collegiate institutions must meet the following requirements in order to be approved by the Kansas Department of Education for the certification of their graduates for teaching positions:

1. The requirement for admission shall be 15 high-school units, selected from those listed and defined by the State board of education.
2. The requirement for graduation shall be the completion of a four-year course of at least 120 semester hours of 60 minutes, to include at least one year

in actual residence, and the other work to be done in a college conforming in effect to the requirements herein stated.

3. The institution must have at least seven professors. These professors shall give their entire time to work of college grade, and no professor should offer work in more than two departments of study. If in any of the colleges the instructors divide their time between collegiate and preparatory work, the total amount of collegiate work offered in any semester must not be less than 165 semester hours.

4. A faculty properly qualified shall consist of graduates of standard colleges who have pursued graduate work equivalent at least to that required for a master's degree. An exception as to graduate work may be made in the case of an instructor of successful experience and proved efficiency.

5. The number of class hours for instructors and students shall not exceed 20 a week.

6. The average salary of the full professors, exclusive of the salary of the president, shall be at least \$1,000.

7. The means of support shall be defined as requiring a permanent productive endowment of not less than \$200,000, or an annual income of not less than \$10,000, exclusive of tuition.

8. The laboratory equipment shall be worth not less than \$5,000, and shall be so distributed as to establish at least an efficient chemical, physical, and biological laboratory.

9. The library, exclusive of general reference books and public documents, shall contain at least 3,000 volumes. These volumes shall be of present value, selected with reference to the departments in which instruction is offered.

10. A maximum of 12 hours in Biblical literature and history may be allowed in the transcripts of graduates of colleges who are candidates for a State certificate.

11. The number of semester hours required of candidates for State certificates shall be 120. In this number shall be included the professional work and at least 20 hours of work in the subject that the candidate proposes to teach, together with at least 10 hours in a related subject.

12. The minimum in education shall be 18 hours in courses approved by the State board of education, of which at least 3 hours shall be in each of the following groups:

- (a) General psychology.
- (b) History of education.
- (c) Educational administration and supervision.
- (d) Educational psychology or theory of education.

The remaining six hours shall be selected from courses approved by the State board of education in any of the above groups. Until September 1, 1916, three hours additional will be accepted.

Institutions outside of Kansas which satisfy the board of education that they maintain efficient departments of education and meet the other requirements for schools on the approved list may have the privilege of certification extended to their graduates.

Baker University, Baldwin City.
Bethany College, Lindsborg.
Bethel College, Newton.
College of Emporia, Emporia.
Cooper College, Sterling.
Fairmount College, Wichita.
Friends University, Wichita.
Kansas State Agricultural College, Manhattan.

Kansas Wesleyan University, Salina.
McPherson College, McPherson.
Midland College, Atchison.
Ottawa University, Ottawa.
Southwestern College, Winfield.
University of Kansas, Lawrence.
Washburn College, Topeka.

KENTUCKY.

Seven colleges of standard rank in Kentucky are organized into what is known as the State College Association. The standards for membership in this association are: Six professors giving their entire time to regular college work; a regular income of not less than \$16,000 a year; a library adequate to the needs of the various departments, systematically catalogued; laboratory equipment sufficient for giving not less than two years' work in each of the elementary sciences; 15 standard units required for entrance; and for the baccalaureate degree completion of the regular four-year course, comprising not less than 120 semester hours, exclusive of physical training.

Graduates of these institutions, having completed a definite amount of work in the department of education, may be given a special high-school certificate by the State board of education in its discretion:

Berea College, Berea.	State University of Kentucky, Lexington.
Central University of Kentucky, Danville	Transylvania College, Lexington.
Georgetown College, Georgetown.	University of Louisville, Louisville.
Kentucky Wesleyan College, Winchester	

LOUISIANA.

The State Department of Education of Louisiana approves the following higher institutions of the State for the certification of teachers of high schools and other public schools of the State:

H. Sophie Newcomb Memorial College, New Orleans.	Tulane University of Louisiana, New Orleans.
Louisiana State University and Agricultural and Mechanical College, Baton Rouge.	

MAINE.

There is no formal accrediting of institutions of collegiate rank by the State Superintendent of Public Schools of Maine.

MARYLAND.

Graduates of the following colleges in Maryland who have had 200 recitation hours in education may receive the high-school teachers' certificate. There is no definite basis for recognition of collegiate institutions in Maryland.

Goucher College, Baltimore.	Mount St. Joseph's College, Baltimore.
Hood College, Frederick.	St. John's College, Annapolis.
Johns Hopkins University, Baltimore.	Washington College, Chestertown.
Morgan College (colored), Baltimore.	Western Maryland College, Westminster.
Mount St. Agnes College, Mount Washington.	

MASSACHUSETTS.

There is in Massachusetts no system of accrediting collegiate institutions. Graduates from the colleges of the State granting the bachelor's degrees and from other institutions of equal standing outside the State may receive a certificate to teach in the State-aided high schools. In considering applicants from institutions outside the State the board relies to some extent on the tentative list prepared by the Bureau of Education in 1911.

MICHIGAN.

Colleges in Michigan having a four-year course and giving a prescribed amount of work in pedagogy may be accredited by the Michigan Board of Education. Graduates of such colleges having completed the required work in pedagogy may be granted a four-year certificate, which may become a life certificate after three years of successful teaching.

Adrian College, Adrian.
Albion College, Albion.
Alma College, Alma.
Hillsdale College, Hillsdale.
Hope College, Holland.

Kalamazoo College, Kalamazoo.
Michigan Agricultural College, East Lansing.
Olivet College, Olivet.
University of Michigan, Ann Arbor.

MINNESOTA.

For the purpose of certification of teachers, the Department of Education of Minnesota recognizes any institution whose admission and graduation requirements are equivalent to those of the University of Minnesota and whose graduates have had the required amount of professional training.

MISSOURI.

Graduates of the institutions which are members of the Missouri College Union,¹ who have completed at least 18 hours' work in education, may receive a three-year State certificate, and after two years' successful experience in teaching the certificate may be made permanent.

Following are the members of the union (March, 1916):

Central College, Fayette.
Central Wesleyan College, Warrenton.
Drury College, Springfield.
Missouri Valley College, Marshall.
Park College, Parkville.
St. Louis University, St. Louis.

Tarkio College, Tarkio.
University of Missouri, Columbia.
Washington University, St. Louis.
Westminster College, Fulton.
William Jewell College, Liberty.

MONTANA.

The collegiate institutions of Montana accredited for the issuance of State teachers' certificates by the State board of education are the State institutions: Montana College of Agriculture and Mechanic Arts, Bozeman, and the University of Montana, Missoula.

¹ See p. 18.

Institutions outside the State accredited by the Montana State Board of Education are those recognized by the educational authorities in the several States for the purpose of certificating teachers. Such institutions must have a four years' course of study based on a four-year high-school course.

NEBRASKA.

The laws of Nebraska provide as follows:

When any college or university * * * in this State shall have a course of study equal in extent and similar in subjects to the higher course in the State normal schools, and shall have full and ample equipment and a faculty of instructors fully competent to give and are actually giving satisfactory instruction in the branches contained in said course and equivalent to that given in the State normal schools, the graduates of such course shall be granted by the board of trustees of the proper institution a first-grade State certificate of the same tenor and effect as the certificate to teach issued to the graduates from the higher course of the State normal schools.

To be entitled to this privilege institutions must meet the following requirements:

Such institutions shall be incorporated under the laws of the State of Nebraska.

The incorporation shall have at least \$50,000 invested or available for the use of the school.

The incorporation shall employ not fewer than five teachers who shall put in full time in giving instruction in the branches of study required to be taught by the provisions of the two next preceding sections.¹

The State superintendent of public instruction shall satisfy himself by personal inspection or by the personal inspection of the State board of examiners for life certificates that any institution desiring recognition under said sections has fully complied with the requirements set forth herein and in the two next preceding sections.¹

The entrance requirements to the elementary and higher courses and the time required for the completion of said courses shall be the same as in the State normal schools.

Each year the State superintendent of public instruction shall satisfy himself by personal inspection of the State board of examiners for life certificates that the requirements have been met before any certificate can be granted by such institution.

Bellevue College, Bellevue.
Cotner University, Bethany.
Creighton University, Omaha.
Dana College, Blair.
Donne College, Crete.
Grand Island College, Grand Island.
Hastings College, Hastings.

Nebraska Wesleyan University, University
Place.
Union College, College View.
University of Nebraska, Lincoln.
University of Omaha, Omaha.
York College, York.

NEVADA.

All State universities and all universities and colleges having courses of study based upon a four-year high-school course and equiv-

¹The section quoted at the beginning of this statement and another similar in its provisions.

alent to liberal arts and science courses at the University of Nevada, and 16 semester hours in education, are approved by the Department of Education of Nevada. To the graduates of institutions fulfilling these requirements State high-school certificates are issued.

NEW HAMPSHIRE.

The Department of Public Instruction of New Hampshire has made up no list of approved colleges. Applications for teachers' certificates are dealt with individually. If a teacher holds a diploma from some college remote and unknown, the department investigates its requirements.

NEW JERSEY.

Graduates of the following New Jersey institutions are exempted from such academic and professional work as meets the requirements of teachers' certificates and of "qualifying certificates" for the various professions. The recommendations for approval by the department of public instruction are made by a committee, the chairman of which is a member of the Rutgers College faculty.

College of Mount St. Mary, Plainfield.	St. Peter's College, Jersey City.
College of St. Elizabeth, Convent Station.	Seton Hall College, South Orange.
Princeton University, Princeton.	Stevens Institute of Technology, Hoboken.
Rutgers College, New Brunswick.	Upsala College, Kenilworth.
St. Benedict's College, Newark.	

NEW MEXICO.

The Department of Education of New Mexico has no list of institutions which it approves for the certification of teachers. Each application is dealt with according to its merits. It is necessary, however, that the institution from which the applicant presents credits be an accredited institution in the State in which it is located.

NEW YORK.

At the time of the publication of this bulletin the list of institutions accredited by the Regents of the University of the State of New York was in the course of revision. No up-to-date list of institutions in other States than New York accredited by the regents could be obtained. The following are the colleges and universities located in the State of New York which are accredited by the regents:

An institution to be ranked as a college must have at least six professors giving their entire time to college or university work, a course of four full years of college grade in liberal arts and sciences, and should require for admission not less than the usual four years of academic or high school preparation, or its equivalent, in addition to the preacademic or grammar school studies.¹

¹ This list includes also institutions in Brazil, Turkey, and the Far East chartered by the New York Legislature or by the State Education Department of New York. In this bulletin, however, the names of all foreign institutions have been consistently omitted.

Adelphi College, Brooklyn.
 Alfred University, Alfred.
 Barnard College (Columbia University),
 New York.
 Canisius College, Buffalo.
 Colgate University, Hamilton.
 College of Mount St. Vincent, New York.
 College of New Rochelle, New Rochelle.
 College of St. Francis Xavier, Brooklyn.
 College of the City of New York, New York.
 Columbia University, New York.
 Cornell University, Ithaca.
 D'Youville College and Academy of the
 Holy Angels, Buffalo.
 Elmira College, Elmira.
 Fordham University, Fordham.
 Hamilton College, Clinton.
 Hobart College, Geneva.
 Hunter College of the City of New York,
 New York.

Manhattan College, New York.
 New York State College for Teachers,
 Albany.
 New York University, New York.
 Niagara University, Niagara University.
 St. Bonaventure's College, Allegany.
 St. Francis College, Brooklyn.
 St. John's College, Brooklyn.
 St. Joseph's Seminary and College, New
 York.
 St. Lawrence University, Canton.
 St. Stephen's College, Annandale.
 Syracuse University, Syracuse.
 Union University, Schenectady.
 University of Rochester, Rochester.
 Vassar College, Poughkeepsie.
 Wells College, Aurora.
 William College,¹ Geneva.

NORTH CAROLINA.

The following list of institutions approved by the State Department of Education of North Carolina (February, 1916), for the issuance to their graduates without examination of the high-school principal's and high-school teacher's certificates, was made after an inspection of each by an officer of the United States Bureau of Education. This inspection included an examination of the plant, with special reference to laboratory and library facilities, inquiry into the standards of admission and graduation, the financial support and prospects, the scope of the college work, etc.

A graduate of an institution in Group A may secure the high-school principal's certificate without examination, provided his academic and professional work are acceptable to the State board of examiners; a graduate of an institution in Group B may secure credit without examination toward the assistant high-school teacher's certificate on such academic and professional subjects as he has successfully pursued and which are acceptable to the State board of examiners.

GROUP A.

Davidson College, Davidson.
 Elon College,² Elon College.
 Guilford College,² Guilford College.
 Lenoir College,² Hickory.
 Meredith College, Raleigh.
 Salem Academy and College,² Winston-Salem.
 State Normal and Industrial College,
 Greensboro.
 Trinity College, Durham.
 University of North Carolina, Chapel Hill.
 Wake Forest College, Wake Forest.

GROUP B.

Atlantic Christian College, Wilson.
 Flora MacDonald College, Red Springs.
 Greensboro College for Women, Greensboro.
 North Carolina College of Agriculture and
 Engineering, West Raleigh.
 Peace Institute, Raleigh.
 Queens College, Charlotte.
 St. Genevieve's College, Asheville.
 St. Mary's School, Raleigh.
 Weaver College, Weaverville.

¹ Woman's department of Hobart College.

² Principal's academic credits not granted upon this basis to applicants who graduated from this institution prior to 1916.

NORTH DAKOTA.

The regulations concerning the certification of teachers by the State board of education provide:

The bachelor's diploma from institutions of recognized standing within or without the State will be accepted in lieu of examination as a basis for issuing a first-grade professional certificate for a period of two years, after its presentation to the board, provided that the diploma implies at least two year courses, or 16 semester hours of professional preparation for teaching.

The diploma or certificate from institutions whose curriculum is the equivalent of the four-year or five-year curriculum of the State normal schools will be accredited as a second-grade professional certificate for two years, provided that the diploma or certificate implies at least two-year courses, or 16 semester hours of professional preparation for teaching.

First-grade professional certificates have been issued [to March, 1916] to persons holding diplomas from higher institutions as shown below:

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| <p>California: University of California, Berkeley.</p> <p>Colorado: Colorado College, Colorado Springs.</p> <p>District of Columbia: Trinity College, Washington.</p> <p>Illinois:</p> <p>Carthage College, Carthage.</p> <p>Eureka College, Eureka.</p> <p>Greenville College, Greenville.</p> <p>Hedding College, Abingdon.</p> <p>Illinois College, Jacksonville.</p> <p>Knox College, Galesburg.</p> <p>Lake Forest College, Lake Forest.</p> <p>Monmouth College, Monmouth.</p> <p>Northwestern University, Evanston.</p> <p>University of Chicago, Chicago.</p> <p>University of Illinois, Urbana.</p> <p>Indiana: Indiana University, Bloomington.</p> <p>Iowa:</p> <p>Coe College, Cedar Rapids.</p> <p>Cornell College, Mount Vernon.</p> <p>Grinnell College, Grinnell.</p> <p>Iowa State Teachers College, Cedar Falls.</p> <p>Luther College, Decorah.</p> <p>Morningside College, Sioux City.</p> <p>Parsons College, Fairfield.</p> <p>State University of Iowa, Iowa City.</p> <p>Upper Iowa University, Fayette.</p> <p>Kansas:</p> <p>Baker University, Baldwin City.</p> <p>Bethany College, Lindsborg.</p> <p>Kentucky: University of Kentucky, Lexington.</p> <p>Massachusetts:</p> <p>Clark College, Worcester.</p> <p>Radcliffe College, Cambridge.</p> <p>Michigan: University of Michigan, Ann Arbor.</p> | <p>Minnesota:</p> <p>Albert Lea College, Albert Lea.</p> <p>Carleton College, Northfield.</p> <p>Gustavus Adolphus College, St. Peter.</p> <p>Hamline University, St. Paul.</p> <p>Macalester College, St. Paul.</p> <p>St. Olaf College, Northfield.</p> <p>University of Minnesota, Minneapolis.</p> <p>New York: Syracuse University, Syracuse.</p> <p>North Dakota:</p> <p>Fargo College, Fargo.</p> <p>North Dakota Agricultural College, Agricultural College.</p> <p>University of North Dakota, University.</p> <p>Ohio:</p> <p>Cedarville College, Cedarville.</p> <p>Municipal University of Akron, Akron.</p> <p>Muskingum College, New Concord.</p> <p>Oberlin College, Oberlin.</p> <p>Ohio Northern University, Ada.</p> <p>Ohio State University, Columbus.</p> <p>Ohio Wesleyan University, Delaware.</p> <p>Oklahoma: Kingfisher College, Kingfisher.</p> <p>Oregon: University of Oregon, Eugene.</p> <p>Pennsylvania:</p> <p>Dickinson College, Carlisle.</p> <p>Franklin and Marshall College, Lancaster.</p> <p>Grove City College, Grove City.</p> <p>South Dakota:</p> <p>Dakota Wesleyan University, Mitchell.</p> <p>South Dakota State College of Agriculture and Mechanic Arts, Brookings.</p> <p>University of South Dakota, Vermillion.</p> <p>Tennessee: Maryville College, Maryville.</p> <p>Wisconsin:</p> <p>Ripon College, Ripon.</p> <p>University of Wisconsin, Madison.</p> |
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Second-grade professional certificates have been issued [to March, 1916] to persons holding diplomas from higher institutions as shown below:

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| <p>Colorado: State Teachers College of Colorado, Greeley.</p> <p>Illinois:
Chicago Teachers' College, Chicago.
Northern Illinois State Normal School, De Kalb.
Northwestern University, Evanston.
Western Illinois State Normal School, Macomb.</p> <p>Indiana:
Central Normal College, Danville.
Indiana State Normal School, Terre Haute.
Valparaiso University, Valparaiso.
Wabash College, Crawfordsville.</p> <p>Iowa:
Drake University, Des Moines.
Grinnell College, Grinnell.
Highland Park College, Des Moines.
Iowa State Teachers College, Cedar Falls.
Upper Iowa University, Fayette.</p> <p>Kansas:
Emporia State Normal School, Emporia.
McPherson College, McPherson.</p> <p>Michigan:
Central State Normal School, Mount Pleasant.
Kindergarten Training School, Grand Rapids.
Michigan State Normal College, Ypsilanti.
Northern State Normal School, Marquette.</p> <p>Minnesota:
Augsburg Seminary, Minneapolis.
Duluth State Normal School.
Mankato State Normal School.
Moorhead State Normal School.
Red Wing Seminary, Red Wing.
St. Cloud State Normal School.
Stanley Hall, Minneapolis.
Winona State Normal School.</p> | <p>Missouri:
Cape Girardeau State Normal School.
Maryville State Normal School.
Warrensburg State Normal School.</p> <p>Nebraska: Nebraska Wesleyan University, University Place.</p> <p>New York:
Brookport State Normal and Training School.
Potsdam State Normal and Training School.</p> <p>North Dakota:
Maryville State Normal School.
North Dakota Agricultural College, Agricultural College.
North Dakota State Normal and Industrial School, Ellendale.
State School of Science, Wahpeton.
Teachers' College, University of North Dakota, University.
Valley City State Normal School.</p> <p>Oregon: Monmouth State Normal School.</p> <p>Pennsylvania: Bloomsburg State Normal School.</p> <p>South Dakota:
Dakota Wesleyan University, Mitchell.
Madison State Normal School.
Northern Normal and Industrial School, Aberdeen.
Redfield College, Redfield.
Springfield State Normal School.
University of South Dakota, Vermillion.</p> <p>Washington:
Bellingham State Normal School.
Elfensburg State Normal School.</p> <p>Wisconsin:
Catholic Normal School, St. Francis.
La Crosse State Normal School.
Milwaukee State Normal School.
Oshkosh State Normal School.
River Falls State Normal School.
Stevens Point State Normal School.
Superior State Normal School.
Whitewater State Normal School.</p> |
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OHIO.

The requirements which colleges and universities must meet in order to be approved by the Ohio Department of Public Instruction for the certification of their graduates to high-school teachers' positions are as follows:

They must require for admission graduation from a first-grade high school, or its equivalent; 30 semester hours of professional training; 3 semester hours for practice teaching and observation; not

¹ Several of the institutions in the accompanying list do not regularly offer 30 semester hours of professional work. Their graduates may, however, secure the requisite number of hours by work in some other institution.

less than 12 semester hours distributed among the following subjects, with not less than 2 semester hours in each subject: History of education, science of education, or principles of education; methods of teaching, general and special; school organization, including school management, classroom management, and school laws; psychology—general psychology, educational psychology, pedagogy.

The number of semester hours in any of the above courses may be increased, and, if the total does not reach 30, the remaining semester hours may be chosen from the fields of experimental psychology, sociology, ethics, and philosophy.

In addition to the above requirements, the institutions must have adequate corps of competent instructors, and the buildings, equipment, and libraries must be such as will enable a student to do creditable work.

Antioch College, Yellow Springs.
Baldwin-Wallace College, Berea.
Bluffton College, Bluffton.
Bowling Green State Normal College,
Bowling Green.
Capital University, Columbus.
Cedarville College, Cedarville.
College of Wooster, Wooster.
Defiance College, Defiance.
Denison University, Granville.
Findlay College, Findlay.
Heidelberg University, Tiffin.
Hiram College, Hiram.
Kent State Normal College, Kent.
Lake Erie College, Painesville.
Marletta College, Marletta.
Miami University, Oxford.

Mount Union College, Alliance.
Municipal University of Akron, Akron.
Muskingum College, New Concord.
Oberlin College, Oberlin.
Ohio University, Athens.
Ohio Northern University, Ada.
Ohio State University, Columbus.
Ohio Wesleyan University, Delaware.
Otterbein University, Westerville.
Oxford College for Women, Oxford.
Toledo University, Toledo.
University of Cincinnati, Cincinnati.
Western College for Women, Oxford.
Western Reserve University, Cleveland.
Wilmington College, Wilmington.
Wittenberg College, Springfield.

OKLAHOMA.

The requirements of the State Board of Education of Oklahoma for State certificates upon credentials to teach in the high schools of the State provide:

An accredited college or university whose graduates are entitled to State certificates to teach in Oklahoma high schools must be an institution of higher learning recognized as a standard college of liberal arts, requiring the completion of a four-year secondary course above the eighth grade for entrance and maintaining a four-year course thereafter for graduation, with a faculty properly qualified and possessing adequate equipment and means of support and maintaining at least seven separate departments or chairs. In case the pedagogical work of the institution is to be accepted without examination, the college must maintain at least eight chairs, one of which must be devoted exclusively to education or at most to psychology and education and shall maintain a pedagogical library having standard works and periodicals on psychology and education. The minimum amount of pedagogical work in any fully accredited college which will be accepted by the State board of education shall be equivalent to the requirements for the teacher's diploma of the University of Oklahoma.

An accredited normal school or teachers' college shall meet the following requirements:

(a) There must be five or more teachers who shall be graduates of standard normal schools, standard colleges or universities doing graduate work, devoting their time exclusively to the work of the normal courses.

(b) For entrance, four years' work above the eighth-grade in an approved four-year high school or its undoubted equivalent.

(c) For graduation therefrom, a minimum requirement of two years' additional work, including a thorough review of the common branches and training in the practice school.

(d) The maintenance of a well-equipped training school for observation and practice, such school to cover work in the eight elementary grades; adequate laboratory facilities for teaching the various sciences offered; a library of at least 2,500 volumes, rich in standard books on educational subjects, educational reports and journals.

Arizona:

Northern Arizona Normal School, Flagstaff.
Tempe Normal School of Arizona, Tempe.
University of Arizona, Tucson.

Arkansas:

Ouachita College, Arkadelphia.
University of Arkansas, Fayetteville.

California:

Chico State Normal School.
Leland Stanford Junior University, Stanford University.
Los Angeles State Normal School.
San Diego State Normal School.
San Francisco State Normal School.
San Jose State Normal School.
University of California, Berkeley.

Colorado:

Colorado Agricultural College, Fort Collins.
Colorado College, Colorado Springs.
State School of Mines, Golden.
State Teachers College of Colorado, Greeley.
University of Colorado, Boulder.
University of Denver, University Park.

Connecticut:

New Britain State Normal Training School.
Willimantic State Normal School.
Yale University, New Haven.

Florida:

John B. Stetson University, Deland.
University of Florida, Gainesville.

Georgia:

Athens State Normal School.
University of Georgia, Athens.

Idaho:

Albion State Normal School.
Lewiston State Normal School.
University of Idaho, Moscow.

Illinois: University of Illinois, Urbana.

Indiana:

Indiana State Normal School, Terre Haute.
Indiana University, Bloomington.
Valparaiso University, Valparaiso.

Iowa:

Cornell College, Mount Vernon.
Des Moines College, Des Moines.
Drake University, Des Moines.
Highland Park College, Des Moines.
Iowa State College of Agriculture and Mechanic Arts, Ames.
Simpson College, Indianola.
Tabor College, Tabor.
Upper Iowa University, Fayette.

Kansas:

Baker University, Baldwin City.
Emporia State Normal School.
Kansas State Agricultural College, Manhattan.
Ottawa University, Ottawa.
University of Kansas, Lawrence.
Washburn College, Topeka.

Kentucky:

Eastern Kentucky State Normal School, Richmond.
Georgetown College, Georgetown.
University of Kentucky, Lexington.
Western Kentucky State Normal School, Bowling Green.

Louisiana:

Louisiana State Normal School, Natchitoches.
Louisiana State University and Agricultural and Mechanical College, Baton Rouge.
Tulane University of Louisiana, New Orleans.

Maine:

Bowdoin College, Brunswick.
Colby College, Waterville.
Eastern State Normal School, Castine.
Farmington State Normal School.
University of Maine, Orono.
Western State Normal School, Gorham.

Maryland:

Baltimore Teachers Training School.
Johns Hopkins University, Baltimore.
Maryland College for Women, Lutherville.
Maryland State Normal School, Frostburg.
Washington College, Chestertown.

Massachusetts:

Bridgewater State Normal School.
 Fitchburg State Normal School.
 Framingham State Normal School.
 Harvard University, Cambridge.
 Hyannis State Normal School.
 Lowell State Normal School.
 North Adams State Normal School.
 Salem State Normal School.
 Tufts College, Tufts College.
 Westfield State Normal School.
 Worcester State Normal School.

Michigan:

Central State Normal School, Mount Pleasant.
 Michigan State Normal College, Ypsilanti.
 Northern State Normal School, Marquette.
 University of Michigan, Ann Arbor.

Minnesota:

Mankato State Normal School.
 Moorhead State Normal School.
 St. Cloud State Normal School.
 University of Minnesota, Minneapolis.
 Winona State Normal School.

Mississippi:

Mississippi Agricultural and Mechanical College, Agricultural College.
 University of Mississippi, University.

Missouri:

Cape Girardeau State Normal School.
 Drury College, Springfield.
 Kirksville State Normal School.
 Maryville State Normal School.
 Missouri Valley College, Marshall.
 Park College, Parkville.
 St. Louis University, St. Louis.
 Springfield State Normal School.
 Tarkio College, Tarkio.
 University of Missouri, Columbia.
 Warrensburg State Normal School.
 Washington University, St. Louis.
 William Jewell College, Liberty.

Nebraska:

Bellevue College, Bellevue.
 Cotner University, Bethany.
 Creighton University, Omaha.
 Doane College, Crete.
 Nebraska Wesleyan University, University Place.
 Union College, College View.
 University of Nebraska, Lincoln.

Nevada: University of Nevada, Reno.**New Hampshire:**

Dartmouth College, Hanover.
 New Hampshire College of Agriculture and Mechanic Arts, Durham.

New Mexico:

New Mexico Normal School, East Las Vegas.
 New Mexico Normal School, Silver City.
 University of New Mexico, Albuquerque.

North Carolina:

State Normal and Industrial College, Greensboro.
 University of North Carolina, Chapel Hill.

North Dakota:

Fargo College, Fargo.
 Mayville State Normal School.
 North Dakota Agricultural College, Agricultural College.
 University of North Dakota, University.
 Valley City State Normal School.

Ohio:

Case School of Applied Science, Cleveland.
 Oberlin College, Oberlin.
 Ohio Northern University, Ada.
 Ohio State University, Columbus.
 Ohio Wesleyan University, Delaware.
 University of Cincinnati, Cincinnati.
 Western Reserve University, Cleveland.

Oklahoma:

Central State Normal School, Edmond.
 East Central State Normal School, Ada.
 Henry Kendall College, Tulsa.
 Kingfisher College, Kingfisher.
 Methodist University of Oklahoma, Guthrie.
 Northeastern State Normal School, Tahlequah.
 Northwestern State Normal School, Alva.
 Oklahoma Agricultural and Mechanical College, Stillwater.
 Oklahoma College for Women, Chickasha.
 Phillips University, East End.
 Southeastern State Normal School, Durant.
 Southwestern State Normal School, Weatherford.
 University of Oklahoma, Norman.

Oregon:

Oregon Agricultural College, Corvallis.
 University of Oregon, Eugene.
 Willamette University, Salem.

Pennsylvania:

Bloomsburg State Normal School.
 Bryn Mawr College, Bryn Mawr.
 Central State Normal School, Lock Haven.
 Clarion State Normal School.
 Cumberland Valley State Normal School, Shippensburg.
 Dickinson College, Carlisle.
 East Stroudsburg State Normal School.
 Edinboro State Normal School.
 Indiana State Normal School.
 Keystone State Normal School, Kutztown.
 Lehigh University, South Bethlehem.
 Mansfield State Normal School.
 Millersville State Normal School.

Pennsylvania—Continued.

Pennsylvania College, Gettysburg.
 Pennsylvania State College, State
 College.
 Slippery Rock State Normal School.
 Southwestern State Normal School.

California.
 Swarthmore College, Swarthmore.
 University of Pennsylvania, Phila-
 delphia.

University of Pittsburgh, Pittsburgh.
 Washington and Jefferson College,
 Washington.

West Chester State Normal School.

Rhode Island: Brown University, Provi-
 dence.

Texas:

Agricultural and Mechanical College
 of Texas, College Station.

Baylor University, Waco.

North Texas State Normal College,
 Denton.

Prairie View State Normal School
 (colored).

Sam Houston State Normal Institute,
 Huntsville.

Southwest Texas State Normal School,
 San Marcos.

Texas Christian University, Fort
 Worth.

Trinity College, Waxahatchie.

University of Texas, Austin.

West Texas State Normal College,
 Canyon City.

Utah:

Agricultural College of Utah, Logan.

University of Utah, Salt Lake City.

Vermont:

Middlebury College, Middlebury.
 Norwich University, Northfield
 University of Vermont and State Agri-
 cultural College, Burlington.

Virginia:

College of William and Mary, Wil-
 liamsburg.

Emory and Henry College, Emory,
 Randolph-Macon College, Ashland.
 University of Virginia, Charlottee-
 ville.

Washington and Lee University, Lex-
 ington.

Washington:

Bellingham State Normal School.
 Ellensburg State Normal School.
 University of Washington, Seattle.

Wisconsin:

Beloit College, Beloit.

Carroll College, Waukesha.

La Crosse State Normal School.

Lawrence College, Appleton.

Milwaukee State Normal School.

Oshkosh State Normal School.

Platteville State Normal School.

Ripon College, Ripon.

River Falls State Normal School.

Stevens Point State Normal School.

Stout Institute, Menomonie.

Superior State Normal School.

University of Wisconsin, Madison.

Whitewater State Normal School.

Wyoming: University of Wyoming, Laramie.

OREGON.

To be recognized as standard by the Oregon State Education Department, for the purpose of issuing certificates to teach in the high schools of the State, institutions must meet the following conditions:

1. The completion of a four-year secondary course above the eighth grade shall be required for entrance.
2. The completion of 120 semester hours shall be required for graduation.
3. The number of class hours for the heads of departments or for students shall not exceed 20 a week.
4. A faculty properly qualified shall consist entirely of graduates of standard colleges, and each head of a department shall hold at least a master's degree from a standard college or have attained eminent success as a teacher, which success shall be determined by the chief State school officer of the State in which the institution is situated.
5. The library shall consist of at least 5,000 volumes, selected with reference to college subjects and exclusive of public documents.
6. The laboratory equipment shall be sufficient to establish efficient laboratories in all laboratory courses offered.

7. The college must maintain at least seven separate departments or chairs in the arts and sciences. In case the pedagogical work of the institution is to be accepted for certification, the college must maintain at least eight chairs, one of which shall be devoted exclusively to education, or at least to philosophy, including psychology and education. The head of each department shall, in no case, devote less than three-fourths of his time to college work.

As a basis for this list we used Class I and Class II of "A Classification of Universities and Colleges with Reference to Bachelor's Degrees," by Kendrick Charles Babcock, together with a list prepared by the North Central Association of Colleges. (Letter of State Supt. J. A. Churchill, Mar. 13, 1916.)

Alabama: University of Alabama, University.

Arizona: University of Arizona, Tucson.

California:

Leland Stanford Junior University, Stanford University.
Mills College, Mills College
Occidental College, Los Angeles.
Pomona College, Claremont.
University of California, Berkeley.
University of Southern California, Los Angeles.

Colorado:

Colorado Agricultural College, Fort Collins.
Colorado College, Colorado Springs.
Colorado School of Mines, Golden.
University of Colorado, Boulder.
University of Denver, University Park.

Connecticut:

Sheffield Scientific School, New Haven.
Trinity College, Hartford.
Wesleyan University, Middletown.
Yale University, New Haven.

District of Columbia:

Catholic University of America, Washington.
George Washington University, Washington.
Georgetown University, Washington.

Florida: John B. Stetson University, Deland.

Georgia:

Agnes Scott College, Decatur.
Emory College, Oxford.
University of Georgia, Athens.

Idaho: University of Idaho, Moscow.

Illinois:

Armour Institute of Technology, Chicago.
Augustana College, Rock Island.
Bradley Polytechnic Institute (Junior College), Peoria.
Illinois College, Jacksonville.
Illinois Woman's College, Jacksonville.
James Millikin University, Decatur.
Knox College, Galesburg.
Lake Forest College, Lake Forest.
Lewis Institute (Junior College), Chicago.
Lombard College, Galesburg.
Monmouth College, Monmouth.

Illinois—Continued.

Northwestern College, Naperville.
Northwestern University, Evanston.
Rockford College, Rockford.
University of Chicago, Chicago.
University of Illinois, Urbana.

Indiana:

Butler College, Indianapolis.
De Pauw University, Greencastle.
Earlham College, Earlham.
Franklin College, Franklin.
Hanover College, Hanover.
Indiana University, Bloomington.
Purdue University, La Fayette.
Rose Polytechnic Institute, Terre Haute.
University of Notre Dame, Notre Dame.
Wabash College, Crawfordsville.

Iowa:

Central University of Iowa, Pella.
Coe College, Cedar Rapids.
Cornell College, Mount Vernon.
Des Moines College, Des Moines.
Drake University, Des Moines.
Grinnell College, Grinnell.
Iowa State College of Agriculture and Mechanic Arts, Ames.
Luther College, Decorah.
Morningside College, Sioux City.
Parsons College, Fairfield.
Penn College, Oakaloosa.
Simpson College, Indianola.
State University of Iowa, Iowa City.

Kansas:

Baker University, Baldwin City.
Bethany College, Lindsborg.
College of Emporia, Emporia.
Fairmount College, Wichita.
Ottawa University, Ottawa.
University of Kansas, Lawrence.
Washburn College, Topeka.

Kentucky:

Central University, Danville.
Georgetown College, Georgetown.
State University of Kentucky, Lexington.

Louisiana: Tulane University of Louisiana, New Orleans.

Maine:

Bates College, Lewiston.
Bowdoin College, Brunswick.
Colby College, Waterville.
University of Maine, Orono.

Maryland:

Goucher College, Baltimore.
 Johns Hopkins University, Baltimore.
 St. John's College, Annapolis.
 Western Maryland College, Westminster.

Massachusetts:

Amherst College, Amherst.
 Boston College, Boston.
 Boston University, Boston.
 Clark College, Worcester.
 College of the Holy Cross, Worcester.
 Harvard University, Cambridge.
 Massachusetts Agricultural College, Amherst.
 Massachusetts Institute of Technology, Cambridge.
 Mount Holyoke College, South Hadley.
 Radcliffe College, Cambridge.
 Smith College, Northampton.
 Tufts College, Tufts College.
 Wellesley College, Wellesley.
 Williams College, Williamstown.
 Worcester Polytechnic Institute, Worcester.

Michigan:

Albion College, Albion.
 Alma College, Alma.
 Hillsdale College, Hillsdale.
 Hope College, Holland.
 Kalamazoo College, Kalamazoo.
 Olivet College, Olivet.
 University of Detroit, Detroit.
 University of Michigan, Ann Arbor.

Minnesota:

Carleton College, Northfield.
 Gustavus Adolphus College, St. Peter.
 Hamline University, St. Paul.
 Macalester College, St. Paul.
 St. Olaf College, Northfield.
 University of Minnesota, Minneapolis.

Missouri:

Central College, Fayetteville.
 Drury College, Springfield.
 Missouri Valley College, Marshall.
 Park College, Parkville.
 Tarkio College, Tarkio.
 University of Missouri, Columbia.
 Washington University, St. Louis.
 William Jewell College, Liberty.

Montana: University of Montana, Missoula.**Nebraska:**

Doane College, Crete.
 Nebraska Wesleyan University, University Place.
 University of Nebraska, Lincoln.

Nevada: University of Nevada, Reno.**New Hampshire:**

Dartmouth College, Hanover.
 New Hampshire College of Agriculture and Mechanic Arts, Durham.

New Jersey:

Princeton University, Princeton.
 Rutgers College, New Brunswick.
 Stevens Institute of Technology, Hoboken.

New Mexico: New Mexico College of Agriculture and Mechanic Arts, State College.**New York:**

Adelphi College, Brooklyn.
 Alfred University, New York.
 Barnard College, New York.
 Brooklyn Polytechnic Institute, Brooklyn.
 Colgate University, Hamilton.
 College of the City of New York, New York.
 Columbia University, New York.
 Cornell University, Ithaca.
 Elmira College, Elmira.
 Hamilton College, Clinton.
 Hobart College, Geneva.
 Manhattan College, New York.
 New York University, New York.
 Rensselaer Polytechnic Institute, Troy.
 St. Lawrence College, Canton.
 Syracuse University, Syracuse.
 University of Rochester, Rochester.
 Vassar College, Poughkeepsie.
 Wells College, Aurora.

North Carolina:

Davidson College, Davidson.
 Trinity College, Durham.
 University of North Carolina, Chapel Hill.
 Wake Forest College, Wake Forest.

North Dakota:

Fargo College, Fargo.
 University of North Dakota, University.

Ohio:

Case School of Applied Science, Cleveland.
 College of Wooster, Wooster.
 Denison University, Granville.
 Heidelberg University, Tiffin.
 Hiram College, Hiram.
 Kenyon College, Gambier.
 Lake Erie College, Painesville.
 Marietta College, Marietta.
 Miami University, Oxford.
 Mount Union College, Alliance.
 Municipal University of Akron, Akron.
 Oberlin College, Oberlin.
 Ohio State University, Columbus.
 Ohio University, Athens.
 Ohio Wesleyan University, Delaware.
 Otterbein University, Westerville.
 University of Cincinnati, Cincinnati.
 Western College for Women, Oxford.
 Western Reserve University, Cleveland.

Oklahoma: University of Oklahoma, Norman.**Oregon:**

Albany College, Albany.
 McMinnville College, McMinnville.
 Oregon Agricultural College, Corvallis.
 Pacific University, Forest Grove.
 Reed College, Portland.
 University of Oregon, Eugene.
 Willamette University, Salem.

Pennsylvania:

Allegheny College, Meadville.
 Bryn Mawr College, Bryn Mawr.
 Bucknell University, Lewisburg.
 Dickinson College, Carlisle.

Pennsylvania—Continued.

Franklin and Marshall College, Lancaster.
 Haverford College, Haverford.
 Lafayette College, Easton.
 Lebanon Valley College, Annville.
 Lehigh University, South Bethlehem.
 Muhlenberg College, Allentown.
 Pennsylvania College, Gettysburg.
 Pennsylvania State College, State College.
 Swarthmore College, Swarthmore.
 Temple University, Philadelphia.
 University of Pennsylvania, Philadelphia.
 University of Pittsburgh, Pittsburgh.
 Ursinus College, Collegeville.
 Washington and Jefferson College, Washington.
 Wilson College, Chambersburg.

Rhode Island: Brown University, Providence.

South Carolina: Wofford College, Spartanburg.

South Dakota:
 University of South Dakota, Vermillion.
 Yankton College, Yankton.

Tennessee:
 Union University, Jackson.
 University of Tennessee, Knoxville.
 University of the South, Sewanee.
 Vanderbilt University, Nashville.

Texas:

Baylor University, Waco.
 Southwestern University, Georgetown.
 Trinity University, Washachle.
 University of Texas, Austin.

Utah: University of Utah, Salt Lake City

Vermont:
 Middlebury College, Middlebury.
 University of Vermont, Burlington.

Virginia:
 Randolph Macon College, Ashland.
 Randolph Macon Woman's College, Lynchburg.
 Roanoke College, Salem.
 University of Virginia, Charlottesville.
 Washington and Lee University, Lexington.

Washington:
 University of Washington, Seattle.
 Whitman College, Walla Walla.

West Virginia: West Virginia University, Morgantown.

Wisconsin:
 Beloit College, Beloit.
 Carroll College, Wausesha.
 Lawrence College, Appleton.
 Milwaukee Downer College, Milwaukee.
 Ripon College, Ripon.
 University of Wisconsin, Madison.

Wyoming: University of Wyoming, Laramie.

PENNSYLVANIA.

A list of the institutions recognized by the College and University Council of Pennsylvania is given below.

The basis of recognition is the maintenance of proper entrance conditions, a four-year college course prior to graduation and a statement of assets, faculty employed, and courses of study offered. Graduates of these colleges, if they had 200 hours of pedagogical work during their college course, obtain our college provisional certificate good for three years' teaching. After they have successfully taught for three years in the public schools they receive a life certificate. (Letter of State Supt. N. C. Schaeffer, Mar. 14, 1916.)

Albright College, Myerstown.
 Allegheny College, Meadville.
 Beaver College, Beaver.
 Bryn Mawr College, Bryn Mawr.
 Bucknell University, Lewisburg.
 Carnegie Institute of Technology, Pittsburgh.
 Duquesne University, Pittsburgh.
 Dickinson College, Carlisle.
 Drexel Institute, Philadelphia.
 Franklin and Marshall College, Lancaster.
 Geneva College, Beaver Falls.
 Grove City College, Grove City.
 Haverford College, Haverford.
 Irving College, Mechanicsburg.
 Juniata College, Huntingdon.
 Lafayette College, Easton.
 La Salle College, Philadelphia.
 Lebanon Valley College, Annville.
 Lehigh University, South Bethlehem.
 Lincoln University, Lincoln University.
 Moravian College, Bethlehem.

Moravian College for Women, Bethlehem.
 Muhlenberg College, Allentown.
 Pennsylvania College, Gettysburg.
 Pennsylvania College for Women, Pittsburgh.
 Pennsylvania Military College, Chester.
 Pennsylvania State College, State College.
 St. Joseph's College, Philadelphia.
 St. Vincent College, Beaver.
 Susquehanna University, Selinsgrove.
 Swarthmore College, Swarthmore.
 Temple University, Philadelphia.
 Thiel College, Greenville.
 University of Pennsylvania, Philadelphia.
 University of Pittsburgh, Pittsburgh.
 Ursinus College, Collegeville.
 Washington and Jefferson College, Washington.
 Waynesburg College, Waynesburg.
 Westminster College, New Wilmington.
 Wilson College, Chambersburg.

RHODE ISLAND.

The State board of education has no exclusive list of accredited, accepted, approved, or recognized colleges.

Colleges are accredited, accepted, approved, or recognized by the board of education only for the purpose of qualifying college graduates for certification as teachers, and no reputable college or university maintaining a four-year course for its first degree has been discriminated against in Rhode Island. A college diploma is accepted by the State board of education as evidence of academic education. (Letter of Walter E. Ranger, secretary of Rhode Island State Board of Education, April 13, 1918.)

SOUTH CAROLINA.

For the purpose of licensing teachers, the Board of Education of South Carolina has approved the following higher institutions of the State. "The basis (for approval) is not clearly defined by the State board, but credit is given after examination and approval of the curriculum, equipment, and faculty. A committee is now working on this problem." (Letter of State Supt. J. E. Swearingen, Mar. 15, 1916.)

Allen University (colored), Columbia	Converse College, Spartanburg.
Anderson College, Anderson.	Erskine College, Due West.
Benedict College (colored), Columbia.	Furman University, Greenville.
Chicora College for Women, Columbia.	Greenville Female College, Greenville.
The Citadel, The Military College of South Carolina, Charleston.	Lander College, Greenwood.
Claflin University (colored), Orangeburg.	Limestone College, Gaffney.
Clemson Agricultural College, Clemson College.	Memminger High and Normal School, Charleston.
Coker College for Women, Hartsville.	Newberry College, Newberry.
The College of Charleston, Charleston	Presbyterian College of South Carolina, Clinton.
College for Women (merged with Chicora College for Women), Columbia.	University of South Carolina, Columbia.
Colored Normal, Industrial, Agricultural and Mechanical College of South Carolina, Orangeburg.	Winthrop Normal and Industrial College, Rockhill.
	Wofford College, Spartanburg.
	Woman's College of Due West, Due West.

SOUTH DAKOTA.

Recognition of the collegiate institutions of South Dakota by the department of public instruction is based upon the extent of the course of study, hours required for graduation, and upon the faculty and equipment of the institution. Graduate credits of students of recognized institutions are accepted toward teachers' certificates without examination.

Augustana College, Canton.	State School of Mines, Rapid City.
Dakota Wesleyan University, Mitchell.	University of South Dakota, Vermillion.
Sioux Falls College, Sioux Falls.	Yankton College, Yankton.
South Dakota College of Agriculture and Mechanic Arts, Brookings.	

TENNESSEE.

The Department of Public Instruction of Tennessee has no list of accredited colleges. All teachers applying for professional certificates must present a transcript of their work from the institution from which they graduated. Certificates are issued as follows:

1. An elementary certificate of the first grade is issued to all who have completed the academic course of the State normal schools.
2. A certificate good in all schools, except high schools of the first class, is issued to all who have completed the normal course of the State normal schools.
3. A high-school certificate of the first grade is issued to all applicants who are graduates of the State university who have completed any six half-year courses offered by the university in psychology, history of education, principles of teaching and school management, not less than two of which shall have special reference to high-school work.
4. Certificates may be issued to applicants who are graduates of an accredited school.

An accredited school is defined as follows:

An accredited school is a college that requires 14 units for entrance and does four years of college work. In addition, the curriculum must include at least two half-year courses in education, one of which must be general methods of teaching. On this work an elementary certificate will be issued. An accredited school for a high-school certificate is one whose course in education is equal to that of the State university as given above.

TEXAS.

The following are the minimum requirements for a college or university of the first class as adopted by the State Department of Education of Texas and approved by the college section of the State Teachers' Association:

1. Entrance requirements should not be less than 14 standard high-school units.
2. The completion of 4 years of work of 36 weeks each, with an average of not less than fifteen 60-minute recitations per week. During each year the student may not complete, as a rule, more than one-fourth of the requirements for graduation, except when making up conditions. Should the college have 4 quarters of 12 weeks each, then a student may graduate in less than 4 years. At least one year of actual residence work should be required of all students who enter with advanced standing.
3. The conferring of a multiplicity of degrees is to be discouraged. It is far better for a small institution to build up one strong degree.
4. There should be maintained at least seven separate departments in liberal arts and sciences, with not less than one professor devoting his whole time to each department.
5. The college should be separate from any academic or preparatory school to the extent of separate facilities and classes.
6. A faculty properly qualified shall consist entirely of graduates of standard colleges and each head of a department shall hold at least a master's degree.

from a standard college or have attained eminent success as a teacher. Graduate study and training in research equivalent to that required for the Ph. D. degree are urgently recommended. In departments of education, in addition to the above requirements, teachers should have had successful experience in public-school work.

7. Heads of departments should not receive salaries less than those paid by standard institutions. The average salary paid to members of the faculty is a serious factor in determining the standing of any institution.

8. The number of hours of work given by each teacher will vary in the different departments. To determine this, the amount of preparation required for the class and the time needed for study to keep abreast of the subject, together with the number of students, must be taken into account; but in no case shall more than 20 hours per week be required, 15 being recommended as a maximum.

9. The number of students in a recitation or laboratory class should be limited to 30. A smaller number is much to be desired.

10. There should be an annual income of at least \$20,000 from either or all of tuition fees, rent, or endowment. This does not include charges for board.

11. The library should contain, exclusive of public documents and periodicals, 5,000 volumes bearing specifically upon the subjects taught.

12. The laboratory equipment should be sufficient to perform all of the experiments called for by the courses offered in the sciences—sufficiency to be measured by the value of the apparatus—which shall be, in chemistry, not less than \$2,500; in physics, not less than \$3,500; in biology, not less than \$2,500.

13. The location and construction of the building, the lighting, heating, and ventilation of the rooms, the nature of the laboratories, corridors, closets, water supply, school furniture, apparatus, and methods of cleaning shall be such as to insure hygienic conditions for both students and teachers.

14. The character of the curriculum, the efficiency of instruction, the scientific spirit, the standard for regular degrees, the conservatism in granting honorary degrees, and the tone of the institution shall also be factors in determining its standing.

15. The institution must be able to prepare its graduates to enter recognized schools as candidates for advanced degrees.

To the holder of a bachelor of arts degree or any higher degree from a first-class college or university, who has completed four full courses in education and pedagogy, may be issued a permanent State certificate.

Alabama:

Alabama Polytechnic Institute, Auburn.
Mobile Kindergarten Training School,
Mobile.
University of Alabama, University.
Tuskegee Normal and Industrial Institute (colored), Tuskegee.

Arkansas:

Ouachita College, Arkadelphia.
University of Arkansas, Fayetteville.

California:

Leland Stanford Junior University,
Stanford University.
Pomona College, Claremont.
State Normal School, Los Angeles.
University of California, Berkeley.

Colorado:

Colorado College, Colorado Springs.
State Teachers College of Colorado,
Greeley.
University of Colorado, Boulder.
University of Denver, University Park.

Connecticut: Yale University, New Haven.

District of Columbia:

George Washington University, Washington.
Howard University (colored), Washington.

Florida: University of Florida, Gainesville.

Georgia:

Atlanta University (colored), Atlanta.
Emory College, Oxford.

Georgia—Continued.

Mercer University, Macon.
North Georgia Agricultural College,
Dahlonega.
University of Georgia, Athens.

Illinois:

Chicago Kindergarten College, Chicago.
Illinois College, Jacksonville.
Illinois Wesleyan University, Bloom-
ington.
Illinois State Normal University, Nor-
mal.
James Millikin University, Decatur.
Knox College, Galesburg.
Northern Illinois State Normal School,
De Kalb.
Northwestern University, Evanston.
Pestalozzi-Froebel Kindergarten Train-
ing School, Chicago.
Southern Illinois State Normal Uni-
versity, Carbondale.
University of Chicago, Chicago.
University of Illinois, Urbana.

Indiana:

Butler College, Indianapolis.
De Pauw University, Greencastle.
Earlham College, Earlham.
Hanover College, Hanover.
Indiana State Normal School, Terre
Haute.
Indiana University, Bloomington.
Purdue University, Lafayette.
Teachers College of Indianapolis (kin-
dergarten department), Indianapolis.

Iowa:

Cornell College, Mount Vernon.
Drake University, Des Moines.
Iowa State Teachers College, Cedar
Falls.
Iowa Wesleyan University, Mount
Pleasant.
Penn College, Oskaloosa.
State University of Iowa, Iowa City.
Tabor College, Tabor.

Kansas:

Baker University, Baldwin City.
College of Emporia, Emporia.
Ottawa University, Ottawa.
State Manual Training Normal School,
Pittsburg.
State Normal School, Emporia.
University of Kansas, Lawrence.
Washburn College, Topeka.

Kentucky:

Bethel College, Russellville.
Louisville Normal School, Louisville.
State University of Kentucky, Lexing-
ton.

Louisiana:

H. Sophie Newcomb Memorial College,
New Orleans.
Louisiana State Normal School, Natchi-
toches.
Louisiana State University, Baton
Rouge.
New Orleans Normal School, New Or-
leans.

Louisiana—Continued.

New Orleans University (colored), New
Orleans.
Tulane University of Louisiana, New
Orleans.

Maine:

Bates College, Lewiston.
Colby College, Waterville.

Maryland: Western Maryland College, West-
minster.

Massachusetts:

Amherst College, Amherst.
Clark University, Worcester.
Harvard University, Cambridge.
Smith College, Northampton.
State Normal School, Worcester.
Wellesley College, Wellesley.

Michigan:

Central State Normal School, Mount
Pleasant.
Hillsdale College, Hillsdale.
Kalamazoo College, Kalamazoo.
Michigan State Normal College, Ypsal-
anti.
Olivet College, Olivet.
University of Michigan, Ann Arbor.

Minnesota:

State Normal School, St. Cloud.
University of Minnesota, Minneapolis.

Mississippi:

Industrial Institute and College, Co-
lumbus.
Millsaps College, Jackson.
Mississippi College, Clinton.
University of Mississippi, University.

Missouri:

Central College, Fayette.
Christian University, Canton.
Drury College, Springfield.
Harris Teachers College, St. Louis.
Missouri Valley College, Marshall.
Park College, Parkville.
State Normal School, Cape Girardeau.
State Normal School, Kirksville.
State Normal School, Springfield.
State Normal School, Warrensburg.
University of Missouri, Columbia.
Westminster College, Fulton.

Nebraska:

Doane College, Crete.
Nebraska Wesleyan University, Uni-
versity Place.
State Normal School, Peru.
University of Nebraska, Lincoln.

New Hampshire: Dartmouth College, Han-
over.

New Jersey: State Normal School, Trenton.

New York:

Alfred University, Alfred.
Columbia University, New York.
Cornell University, Ithaca.
Hamilton College, Clinton.
Hunter College of the City of New
York, New York.
State Normal School, Buffalo.
State Normal and Training School,
Fredonia.

New York—Continued.

State Normal School, Plattsburg.
 State Normal and Training School,
 Potsdam.
 Syracuse University, Syracuse.
 United States Military Academy, West
 Point.
 Vassar College, Poughkeepsie.

North Carolina:

Davidson College, Davidson.
 Shaw University (colored), Raleigh.
 State Normal and Industrial College,
 Greensboro.
 Trinity College, Durham.
 University of North Carolina, Chapel
 Hill.

Wake Forest College, Wake Forest.

Ohio:

Antioch College, Yellow Springs.
 College for Women (Western Reserve
 University), Cleveland.
 College of Wooster, Wooster.
 Denison University, Granville.
 Heidelberg University, Tiffin.
 Miami University, Oxford.
 Oberlin College, Oberlin.
 Ohio State University, Columbus.
 Ohio University, Athens.
 Ohio Wesleyan University, Delaware.
 Oxford College for Women, Oxford.
 Wilberforce University (colored), Wil-
 berforce.

Oklahoma:

Oklahoma Agricultural and Mechan-
 ical College, Stillwater.
 University of Oklahoma, Norman.

Pennsylvania:

Albright College, Myerstown.
 Bryn Mawr College, Bryn Mawr.
 Bucknell University, Lewisburg.
 Franklin and Marshall College, Lan-
 caster.
 Geneva College, Beaver Falls.
 Haverford College, Haverford.
 Pennsylvania College, Gettysburg.
 Southwestern State Normal School,
 California.
 State Normal School, Clarion.
 State Normal School, Millersville.
 State Normal School, West Chester.
 Swarthmore College, Swarthmore.

Rhode Island: Brown University, Providence.

South Carolina:

Converse College, Spartanburg.
 Newberry College, Newberry.
 University of South Carolina, Colum-
 bia.
 Winthrop Normal and Industrial Col-
 lege, Rockhill.
 Wofford College, Spartanburg.

South Dakota: University of South Da-
 kota, Vermillion.

Tennessee:

Cumberland University, Lebanon.
 Fisk University (colored), Nashville.

Tennessee—Continued.

Middle Tennessee State Normal School,
 Murfreesboro.
 Roger Williams University (colored),
 Nashville.
 University of Chattanooga, Chatta-
 nooga.
 University of Tennessee, Knoxville.
 Vanderbilt University, Nashville.

Texas:

Agricultural and Mechanical College
 of Texas, College Station.
 Austin College, Sherman.
 Baylor College, Belton.
 Baylor University, Waco.
 Bishop College (colored), Marshall.
 College of Industrial Arts, Denton.
 Dallas Free Kindergarten Training
 School and Industrial Association,
 Dallas.
 Daniel Baker College, Brownwood.
 Fort Worth Kindergarten Training
 School, Fort Worth.
 Howard Payne College, Brownwood.
 Kindergarten Training School, Houston.
 North Texas State Normal School,
 Denton.
 Prairie View State Normal and In-
 dustrial College (colored), Prairie
 View.
 Rice Institute, Houston.
 Sam Houston State Normal Institute,
 Huntsville.
 San Antonio Kindergarten Training
 School, San Antonio.
 Simmons College, Abilene.
 Southern Methodist University, Dallas.
 Southwestern University, Georgetown.
 Southwest Texas State Normal School,
 San Marcos.
 Texas Christian University, Fort
 Worth.
 Texas Woman's College, Fort Worth.
 Trinity University, Waxahachie.
 University of Texas, Austin.
 West Texas State Normal School,
 Canyon City.
 Wiley University (colored), Marshall.

Virginia:

Emory and Henry College, Emory.
 Hampden-Sidney College, Hampden-
 Sidney.
 Randolph-Macon College, Ashland.
 Randolph-Macon Woman's College,
 Lynchburg.
 Richmond College, Richmond.
 Washington and Lee University, Lex-
 ington.

West Virginia: West Virginia University,
 Morgantown.

Wisconsin:

State Normal School, Stevens Point.
 University of Wisconsin, Madison.
 Wyoming: University of Wyoming, Laramie.

UTAH.

The Utah Department of Public Instruction has no list of accredited collegiate institutions. With respect to the certification of teachers, however, the State board of education provides that graduates of standard colleges requiring four years of secondary-school work for entrance and four years of college work for graduation are granted licenses without examination to teach in the high schools of the State, provided their college work includes one year of professional training for teachers.

VERMONT.

The State Education Department of Vermont does not formally approve collegiate institutions. Five-year certificates, without examination, are given to graduates of four-year college courses following an eight-year elementary course.

VIRGINIA.

Institutions "registered" (approved) by the State Board of Education of Virginia.

Definition of a registered university:

The State Board of Education of Virginia will register as a university an institution (a) which requires for admission the completion of the curriculum of a standard high school with a four years' course, or, in other terms, the completion of a course equivalent to not less than fourteen 5-hour units; (b) which contains as a part of its organization a college of literature and science, as defined below; (c) which contains one or more professional schools as parts of its organization, in each of which an adequate professional course, based upon a preparation not less than that represented by the completion of a standard four-year high-school course, is offered; (d) which contains a graduate school as a part of its organization, in which adequate courses leading to the degrees of master of arts and doctor of philosophy are offered.

The holder of a degree from a graduate school of a registered university based upon a curriculum which requires at least 10 per cent of professional work for such degree may receive a professional university certificate.

Definition of a registered college:

An institution to be registered as a college must have at least six professors giving their full time to college work, a course of four full years in liberal arts and sciences, and must require for admission the completion of the curriculum of a standard high school with a four years' course, or, in other terms, the completion of a course equivalent to at least fourteen 5-hour units, in addition to the usual preacademic or grammar school studies.

The holder of a baccalaureate degree from a registered college based upon a curriculum which requires at least 10 per cent of professional work for such degree may be granted a professional college certificate.

Bridgewater College, Bridgewater. College of William and Mary, Williamsburg. Elizabeth College, Salem. Emory and Henry College, Emory. Hampden-Sidney College, Hampden-Sidney. Hollins College, Hollins. Martha Washington College, Abingdon. Randolph-Macon College, Ashland. Randolph-Macon Woman's College, Lynchburg.	Richmond College, Richmond. Roanoke College, Salem. Sweet Briar College, Sweet Brjar. University of Virginia, Charlottesville. Virginia Christian College, Lynchburg. Washington and Lee University, Lexington. Westhampton College, Richmond.
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Institutions ranking as standard technical colleges.

Virginia Agricultural and Mechanical College and Polytechnic Institute, Blacksburg.	Virginia Military Institute, Lexington.
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Registered State institutions.

(To those completing courses in these institutions certificates are issued in accordance with the character and amount of work completed.)

College of William and Mary, Williamsburg. Hampton Normal and Industrial Institute (colored), Hampton. ¹ State Normal School for Women, Farmville. State Normal and Industrial School for Women, Fredericksburg. State Normal and Industrial School for Women, Harrisonburg.	State Normal School for Women, East Radford. University of Virginia, Charlottesville. Virginia Agricultural and Mechanical College and Polytechnic Institute, Blacksburg. Virginia Military Institute, Lexington. Virginia Normal and Industrial Institute (colored), Petersburg.
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WASHINGTON.

In accrediting institutions for the issuance to their graduates of certificates to teach in the public schools of Washington, the State board of education makes use of the principles adopted by the conference of chief State school officers of the North Central and Western States, Salt Lake City, Utah, November 17-19, 1910.

Definition of a standard college or university adopted by the conference:

To be considered a standard college all of the following conditions must be fully met:

1. The completion of a four-year secondary course above the eighth grade shall be required for college entrance.
2. The completion of 120 semester hours shall be required for graduation.
3. The number of class hours for the heads of departments and for students shall not exceed 20 a week.

¹ Not a State school, but accredited on the same basis as State institutions.

4. A faculty properly qualified shall consist entirely of graduates of standard colleges, and each head of a department shall hold at least a master's degree from a standard college or have attained eminent success as a teacher, which success shall be determined by the chief State school officer of the State in which the institution is located.

5. The library shall consist of at least 5,000 volumes, selected with reference to college subjects and exclusive of public documents.

6. The laboratory equipment shall be sufficient to establish efficient laboratories in all laboratory courses offered.

7. The means of support are defined as requiring a permanent endowment of not less than \$200,000, or an assured fixed annual income exclusive of tuition of at least \$10,000. The college must maintain at least seven separate departments or chairs in the arts and sciences. In case the pedagogical work of the institution is to be accepted for certification, the college must maintain at least eight chairs, one of which shall be devoted exclusively to education, or at least to philosophy, including psychology and education. The head of each department shall in no case devote less than three-fourths of his time to college work.

The 1915 session of the State legislature passed the following law concerning the certification of teachers:

That graduates of accredited colleges and universities must present evidence that they have completed satisfactorily 12 semester hours in professional study in an accredited institution, or else pass an examination in such professional subjects as the State board of education may direct.

By a standard normal school is meant a school meeting the following requirements:¹

1. For entrance, four years' work above the eighth grade in an accredited secondary school.
2. For graduation therefrom, two years' additional work, including a thorough review of the common branches and training in a practice school.
3. The maintenance of a well-equipped training school for observation and practice, such school to cover work in the eight elementary grades.
4. The total attendance in the secondary school and in the normal school shall be 216 weeks above the eighth grade; provided, that any normal school may accept satisfactory credits covering 20 weeks' work above the eighth grade.

Institutions accredited by the Department of Education of Washington to July 1, 1917.

Arizona:

Tempe Normal School of Arizona,
Tempe.
Northern State Normal School, Flag-
staff.

Arkansas: University of Arkansas, Fayette-
ville.

California:

Chico State Normal School.
Leland Stanford Junior University,
Stanford University.
Los Angeles State Normal School.
Mills College, Mills College.

California—Continued.

Occidental College, Los Angeles.
Pomona College, Claremont.
San Diego State Normal School.
San Francisco State Normal School.
San Jose State Normal School.
University of California, Berkeley.
University of Southern California, Los
Angeles.

Colorado:

Colorado Agricultural College, Fort Col-
lins.
Colorado College, Colorado Springs.

¹ Adopted by the conference of chief State school officers of the North Central and Western States, Salt Lake City, Utah, Nov. 17-19, 1910.

Colorado—Continued.

Colorado State Normal School, Gunnison.
 State Teachers College of Colorado, Greeley.
 University of Colorado, Boulder.
 University of Denver, University Park.

Connecticut:

New Britain State Normal Training School.
 Wesleyan University, Middletown.
 Willimantic State Normal Training School.
 Yale University, New Haven.

District of Columbia:

George Washington University, Washington.
 James Ormond Wilson Normal School, Washington.

Idaho:

Albion State Normal School.
 Lewiston State Normal School.
 University of Idaho, Moscow.

Illinois:

Chicago Normal School, Chicago.
 Eastern Illinois State Normal School, Charleston.
 Illinois College, Jacksonville.
 Illinois State Normal University, Normal.
 James Millikin University, Decatur.
 Knox College, Galesburg.
 Lake Forest College, Lake Forest.
 Lewis Institute (B. S. course, mechanical engineering), Chicago.
 Monmouth College, Monmouth.
 Northern Illinois State Normal School, De Kalb.
 Northwestern University, Evanston.
 Southern Illinois State Normal University, Carbondale.
 University of Chicago School of Education, Chicago.
 University of Chicago, Chicago.
 University of Illinois, Urbana.
 Western Illinois State Normal School, Macomb.

Indiana:

Butler College, Indianapolis.
 De Pauw University, Greencastle.
 Earlham College, Earlham.
 Franklin College, Franklin.
 Hanover College,¹ Hanover.
 Indiana State Normal School, Terre Haute.
 Indiana University, Bloomington.
 Purdue University, Lafayette.
 University of Notre Dame, Notre Dame.
 Wabash College, Crawfordsville.

Iowa:

Coe College, Cedar Rapids.
 Cornell College, Mount Vernon.
 Drake University, Des Moines.
 Drake University Normal Department, Des Moines.

Iowa—Continued.

Grinnell College, Grinnell.
 Iowa State College of Agriculture and Mechanic Arts, Ames.
 Iowa State Teachers College, Cedar Falls.
 Iowa Wesleyan University, Mount Pleasant.
 Morningside College, Sioux City.
 Parsons College,¹ Fairfield.
 Penn College,¹ Okaloosa.
 Simpson College, Indianola.
 State University of Iowa, Iowa City.
 Upper Iowa University, Fayette.

Kansas:

Baker University, Baldwin City.
 Emporia State Normal School.
 Kansas State Agricultural College, Manhattan.
 Ottawa University, Ottawa.
 Pittsburg State Manual Training Normal School.
 University of Kansas, Lawrence.
 Washburn College, Topeka.

Kentucky:

Central University of Kentucky, Danville.
 Eastern Kentucky State Normal School, Richmond.
 University of Kentucky, Lexington.
 Western Kentucky State Normal School, Bowling Green.

Louisiana: Louisiana State Normal School, Natchitoches.

Maine:

Bates College, Lewiston.
 Bowdoin College, Brunswick.
 Colby College, Waterville.
 Farmington State Normal School.
 Gorham State Normal School.

Maryland:

Goucher College, Baltimore.
 Johns Hopkins University, Baltimore.

Massachusetts:

Amherst College, Amherst.
 Boston Normal School.
 Boston University, Boston.
 Bridgewater State Normal School.
 Clark University, Worcester.
 College of the Holy Cross, Worcester.
 Fitchburg State Normal School.
 Framingham State Normal School.
 Harvard University, Cambridge.
 Massachusetts Agricultural College, Amherst.
 Massachusetts Institute of Technology, Cambridge.
 Mount Holyoke College, South Hadley.
 North Adams State Normal School.
 Radcliffe College, Cambridge.
 Salem State Normal School.
 Simmons College, Boston.
 Smith College, Northampton.
 Tufts College, Tufts College.
 Wellesley College, Wellesley.
 Westfield State Normal School.

¹ After January, 1912, until January, 1915.

Massachusetts—Continued.

Williams College, Williamstown.
Worcester State Normal School.

Michigan:

Albion College, Albion.
Alma College, Alma.
Central State Normal School, Mount Pleasant.
Hillsdale College, Hillsdale.
Hope College,¹ Holland.
Kalamazoo College, Kalamazoo.
Michigan Agricultural College, East Lansing.
Michigan State Normal College, Ypsilanti.
Northern State Normal School, Marquette.
Olivet College, Olivet.
University of Michigan, Ann Arbor.
Western State Normal School, Kalamazoo.

Minnesota:

Carleton College, Northfield.
Duluth State Normal School.
Hamline University, St. Paul.
Macalester College, St. Paul.
Mankato State Normal School.
Moorhead State Normal School.
St. Cloud State Normal School.
St. Olaf College,¹ Northfield.
University of Minnesota, Minneapolis.
Winona State Normal School.

Mississippi:

Industrial Institute and College, Columbus.
University of Mississippi, University.

Missouri:

Cape Girardeau State Normal School.
Drury College, Springfield.
Kirksville State Normal School.
Maryville State Normal School.
Park College, Parkville.
Springfield State Normal School (degree courses only).
University of Missouri, Columbia.
University of Missouri School of Education, Columbia.
Warrensburg State Normal School.
Washington University, St. Louis.
William Jewell College, Liberty.

Montana:

Montana College of Agriculture and Mechanic Arts, Bozeman.
Montana State Normal School, Dillon.
University of Montana, Missoula.

Nebraska:

Chadron State Normal School.
Creighton University, Omaha.
Doane College,¹ Crete.
Kearney State Normal School.
Nebraska Wesleyan University, University Place.
Peru State Normal School.
University of Nebraska, Lincoln.

Nevada: University of Nevada Normal Department, Reno.

New Hampshire:

Dartmouth College, Hanover.
Plymouth State Normal School.

New Jersey:

²New Jersey State Normal School, Montclair.
New Jersey State Normal School, Trenton.
Princeton University, Princeton.

New Mexico:

New Mexico Normal University, East Las Vegas.
New Mexico Normal School, Silver City.

New York:

Alfred University, Alfred.
Brookport State Normal and Training School.
Buffalo State Normal School.
Colgate University, Hamilton.
College of the City of New York.
Columbia University, New York.
Cornell University, Ithaca.
Cortland State Normal and Training School.
Fredonia State Normal and Training School.
Geneseo State Normal School.
Hobart College, Geneva.
Hunter College of the City of New York.
New Paltz State Normal School.
New York State College for Teachers, Albany.
New York University, New York.
Oneonta State Normal and Training School.
Oswego State Normal School.
Plattsburg State Normal School.
Potsdam State Normal School.
St. Lawrence University, Canton.
Syracuse University, Syracuse.
Training School for Teachers, Jamaica.
University of Rochester, Rochester.
Vassar College, Poughkeepsie.
Wells College, Aurora.

North Carolina: University of North Carolina, Chapel Hill.

North Dakota:

Mayville State Normal School.
North Dakota Agricultural College, Agricultural College.
University of North Dakota, University.
University of North Dakota School of Education, University.
Valley City State Normal School.

Ohio:

College of Wooster, Wooster.
Denison University, Granville.
Heidelberg University, Tiffin.
Hiram College, Hiram.
Lake Erie College, Painesville.
Marietta College, Marietta.
Miami University, Oxford.
Miami University State Normal College, Oxford.

¹After January, 1912, until January, 1915.

Ohio—Continued.

Mount Union College, Alliance.
Oberlin College, Oberlin.
Ohio State University, Columbus.
Ohio Wesleyan University, Delaware.
State Normal College, Athens.
State Normal College, Kent.
University of Cincinnati, Cincinnati.
Western College for Women, Oxford.
Western Reserve University, Cleveland.
Wittenberg College, Springfield.

Oklahoma:

Central State Normal School, Edmond.
Northwestern State Normal School,
Tahlequah.
Oklahoma Agricultural and Mechanical
College, Stillwater.
Southeastern State Normal School,
Durant.
Southwestern State Normal School,
Weatherford.
University of Oklahoma, Norman.

Oregon:

Monmouth State Normal School.
Oregon Agricultural College, Corvallis.
Pacific University, Forest Grove.
Reed College, Portland.
University of Oregon, Eugene.
Willamette University, Salem.

Pennsylvania:

Allegheny College, Meadville.
Bloomsburg State Normal School.
Bryn Mawr College, Bryn Mawr.
Bucknell University, Lewisburg.
Central State Normal School, Lock
Haven.
Clarion State Normal School.
Cumberland Valley State Normal
School, Shippensburg.
Dickinson College, Carlisle.
Drexel Institute, Philadelphia.
East Stroudsburg State Normal School.
Edinboro State Normal School.
Franklin and Marshall College, Lan-
caster.
Indiana State Normal School.
Keystone State Normal School, Nutz-
town.
Lehigh University, South Bethlehem.
Manafeld State Normal School.
Millersville State Normal School.
Pennsylvania College, Gettysburg.
Pennsylvania State College, State Col-
lege.
Slippery Rock State Normal School.
Southwestern State Normal School,
California.
Swarthmore College, Swarthmore.
University of Pennsylvania, Philadel-
phia.
Washington and Jefferson College,
Washington.
West Chester State Normal School.
Westminster College, New Wilmington.

Rhode Island:

Brown University, Providence.
Rhode Island State Normal School,
Providence.

South Dakota:

Madison State Normal School.
Northern Normal and Industrial
School, Aberdeen.
South Dakota State College of Agri-
culture and Mechanic Arts, Brook-
ings.
Spearfish State Normal School.
Springfield State Normal School.
University of South Dakota, Vermillion.
University of South Dakota School of
Education (four-year courses), Ver-
million.

Tennessee:

George Peabody College for Teachers,
Nashville.
Maryville College, Maryville.

Texas: University of Texas, Austin.

Utah: University of Utah, Salt Lake City.

Vermont:

Middlebury College, Middlebury.
University of Vermont, Burlington.

Virginia: State Normal School for Women,
Farmville.

Washington:

Academy of Holy Names, Normal De-
partment, Seattle.
Academy of Holy Names, Normal De-
partment, Spokane.
Bellingham State Normal School.
Cheney State Normal School.
College of Puget Sound, Tacoma.
College of Puget Sound, Normal De-
partment, Tacoma.
Ellensburg State Normal School.
State College of Washington, Pullman.
University of Washington, Seattle.
Whitman College, Walla Walla.
Whitworth College, Spokane.

West Virginia: West Virginia University,
Morgantown.

Wisconsin:

Beloit College, Beloit.
La Crosse State Normal School.
Lawrence College, Appleton.
Milwaukee-Downer College, Milwaukee.
Milwaukee State Normal School.
Oshkosh State Normal School.
Platteville State Normal School.
Ripon College, Ripon.
River Falls State Normal School.
Stevens Point State Normal School.
Stout Institute, Menomonie.
Superior State Normal School.
University of Wisconsin, Madison.
Whitewater State Normal School.

Wyoming:

University of Wyoming, Laramie.
University of Wyoming State Normal
School, Laramie.

WEST VIRGINIA.

The Department of Free Schools of West Virginia is not given any authority to inspect and classify the institutions of higher education in the State, except that institutions offering normal courses and applying for recognition of their normal graduates must offer courses at least equal to those offered in West Virginia normal schools.

WISCONSIN.

The Department of Public Instruction of Wisconsin has published no list of accredited collegiate institutions. The application of each candidate is considered individually.

The Wisconsin statute relating to the certification of teachers provides that all applications for licenses from graduates of foreign institutions must be submitted to the State board of examiners. This board has the authority to recommend the issuance of a license to any person who has completed at a reputable institution a course of study equivalent to the corresponding courses in the University of Wisconsin or the Wisconsin State normal schools.

WYOMING.

The University of Wyoming is the only collegiate institution of the State. The department of public instruction has approved no institutions outside the State.

PART III.—LISTS OF VOLUNTARY ORGANIZATIONS.

ASSOCIATION OF AMERICAN COLLEGES.¹

By-law 1 of the Association of American Colleges provides as follows:

In order to be eligible to membership in this association institutions shall require 14 units for admission to the freshman class and shall also require 120 semester hours for graduation, but the latter requirement may be waived by a two-thirds vote of the association.

Arkansas: Hendrix College, Conway.

California:

Leland Stanford Junior University,

Stanford University.

Occidental College, Los Angeles.

Pomona College, Claremont.

Throop College of Technology, Pasadena.

University of Southern California, Los Angeles.

Whittier College, Whittier.

Colorado:

Colorado College, Colorado Springs.

University of Denver, University Park.

Connecticut:

Connecticut College for Women, New London.

Wesleyan University, Middletown.

District of Columbia:

George Washington University, Washington.

Oriental University, Washington.

Potomac University, Washington.

Florida: John B. Stetson University, DeLand.

Idaho: College of Idaho, Caldwell.

Illinois:

Blackburn College, Carlinville.

Carthage College, Carthage.

Eureka College, Eureka.

Geneseo Collegiate Institute, Geneseo.

Greenville College, Greenville.

Hedding College, Abingdon.

Illinois College, Jacksonville.

Illinois Wesleyan University, Bloomington.

Illinois Woman's College, Jacksonville.

James Millikin University, Decatur.

Knox College, Galesburg.

Lake Forest College, Lake Forest.

Lincoln College, Lincoln.

Lombard College, Galesburg.

McKendree College, Lebanon.

Illinois—Continued.

Monmouth College, Monmouth.

Northwestern College, Naperville.

Northwestern University, Evanston.

Rockford College, Rockford.

Shurtleff College, Alton.

Wheaton College, Wheaton.

Indiana:

Butler College, Indianapolis.

DePauw University, Greencastle.

Earlham College, Earlham.

Franklin College, Franklin.

Hanover College, Hanover.

Rose Polytechnic Institute, Terre Haute.

Taylor University, Upland.

University of Notre Dame, Notre Dame.

Iowa:

Central College, Pella.

Coe College, Cedar Rapids.

Cornell College, Mount Vernon.

Des Moines College, Des Moines.

Drake University, Des Moines.

Dubuque College, Dubuque.

Ellsworth College, Iowa Falls.

Graceland College, Lamoni.

Grinnell College, Grinnell.

Highland Park College, Des Moines.

Iowa Wesleyan College, Mount Pleasant.

Leander Clark College, Toledo.

Lenox College, Hopkinton.

Luther College, Decorah.

Morningside College, Sioux City.

Parsons College, Fairfield.

Penn College, Oskaloosa.

Simpson College, Indianola.

Upper Iowa University, Fayette.

Kansas:

Baker University, Baldwin City.

Campbell College, Holton.

College of Emporia, Emporia.

¹The list contains all colleges that joined during the first year (Feb. 1, 1915-Jan. 31, 1916) of the existence of the association.

Kansas—Continued.

Cooper College, Sterling.
 Fairmount College, Wichita.
 Kansas Wesleyan University, Salina.
 Midland College, Atchison.
 Ottawa University, Ottawa.
 Southwestern College, Winfield.

Kentucky:

Berea College, Berea.
 Georgetown College, Georgetown.
 Transylvania College, Lexington.
 University of Louisville, Louisville.

Louisiana: Louisiana College, Pineville.**Maine: Bates College, Lewiston.****Maryland:**

Goucher College, Baltimore.
 Morgan College (colored), Baltimore.

Massachusetts:

Clark College, Worcester.
 Mount Holyoke College, South Hadley.
 Smith College, Northampton.
 Tufts College, Tufts College.
 Wellesley College, Wellesley.
 Wheaton College, Norton.
 Worcester Polytechnic Institute, Worcester.

Michigan:

Auburn College, Auburn.
 Alma College, Alma.
 Hillsdale College, Hillsdale.
 Hope College, Holland.
 Kalamazoo College, Kalamazoo.

Minnesota:

Carleton College, Northfield.
 Hamline University, St. Paul.
 Macalester College, St. Paul.
 St. Olaf College, Northfield.

Missouri:

Bible College of Missouri, Columbia.
 Central Wesleyan College, Warrenton.
 Forest Park College, St. Louis.
 Missouri Valley College, Marshall.
 Missouri Wesleyan College, Cameron.
 Palmer College, Albany.
 Park College, Parkville.
 Westminster College, Fulton.
 William Woods College, Fulton.

Nebraska:

Bellerue College, Bellevue.
 Creighton University, Omaha.
 Hastings College, Hastings.
 Nebraska Wesleyan University, University Place.
 York College, York.

New Jersey: Rutgers College, New Brunswick.**New York:**

Alfred University, Alfred.
 Elmira College, Elmira.
 Hobart College, Geneva.
 St. Stephen's College, Annandale.
 University of Rochester, Rochester.
 Union College, Schenectady.
 Vassar College, Poughkeepsie.
 Wells College, Aurora.

North Carolina:

Davidson College, Davidson.
 Elon College, Elon.
 Gullford College, Gullford College.
 Salem Academy and College, Winston-Salem.
 Trinity College, Durham.

North Dakota:

Fargo College, Fargo.
 Jamestown College, Jamestown.

Ohio:

Baldwin-Wallace College, Berea.
 College of Wooster, Wooster.
 Defiance College, Defiance.
 Denison University, Granville.
 Franklin College, New Athens.
 Hiram College, Hiram.
 Kenyon College, Gambler.
 Lake Erie College, Painesville.
 Mount Union College, Alliance.
 Municipal University of Akron, Akron.
 Muskingum College, New Concord.
 Oberlin College, Oberlin.
 Ohio Wesleyan University, Delaware.
 Otterbein University, Westerville.
 Rio Grande College, Rio Grande.
 University of Cincinnati, Cincinnati.
 Western College for Women, Oxford.
 Western Reserve University, Cleveland.
 Wilberforce University, Wilberforce.
 Wilmington College, Wilmington.
 Wittenberg College, Springfield.

Oklahoma: Henry Kendall College, Tulsa.**Oregon: McMinnville College, McMinnville.****Pennsylvania:**

Allegheny College, Meadville.
 Carnegie Institute of Technology, Pittsburgh.
 Dickinson College, Carlisle.
 Drexel Institute, Philadelphia.
 Geneva College, Beaver Falls.
 Haverford College, Haverford.
 Lafayette College, Easton.
 Lebanon Valley College, Annville.
 Lehigh University, South Bethlehem.
 Lincoln University, Lincoln University.
 Muhlenberg College, Allentown.
 Pennsylvania College, Gettysburg.
 Swarthmore College, Swarthmore.
 Temple University, Philadelphia.
 University of Pennsylvania, Philadelphia.
 University of Pittsburgh, Pittsburgh.
 Ursinus College, Collegeville.
 Washington and Jefferson College, Washington.
 Waynesburg College, Waynesburg.
 Westminster College, New Wilmington.

Rhode Island: Brown University, Providence.

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| <p>South Carolina: Converse College, Spartanburg.</p> <p>South Dakota:</p> <p>Dakota Wesleyan University, Mitchell.</p> <p>Huron College, Huron.</p> <p>Yankton College, Yankton.</p> <p>Tennessee:</p> <p>Fisk University (colored), Nashville.</p> <p>Maryville College, Maryville.</p> <p>Southwestern Presbyterian University, Clarksville.</p> <p>Tusculum College, Greenville.</p> <p>University of Chattanooga, Chattanooga.</p> <p>University of the South, Sewanee.</p> <p>Texas:</p> <p>Baylor University, Waco.</p> <p>Rice Institute, Houston.</p> <p>Southwestern University, Georgetown.</p> <p>Trinity University, Washachle.</p> <p>Virginia:</p> <p>Bridgewater College, Bridgewater.</p> <p>Eastern College, Manassas.</p> | <p>Virginia—Continued.</p> <p>Randolph-Macon College, Ashland.</p> <p>Randolph-Macon Woman's College, Lynchburg.</p> <p>Richmond College, Richmond.</p> <p>Roanoke College, Salem.</p> <p>Washington and Lee University, Lexington.</p> <p>Washington: Whitman College, Walla Walla.</p> <p>West Virginia:</p> <p>Bethany College, Bethany.</p> <p>West Virginia Wesleyan College, Buckhannon.</p> <p>Wisconsin:</p> <p>Beloit College, Beloit.</p> <p>Campion College, Prairie du Chien.</p> <p>Carroll College, Wauskeha.</p> <p>Lawrence College, Appleton.</p> <p>Milton College, Milton.</p> <p>Milwaukee Downer College, Milwaukee.</p> <p>Ripon College, Ripon.</p> |
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ASSOCIATION OF AMERICAN UNIVERSITIES.

Institutions recommended by the Association of American Universities for the acceptance of their bachelor's degrees by foreign institutions.

The list includes the members of the Association of American Universities, the institutions on the accepted list of the Carnegie Foundation for the Advancement of Teaching,¹ and other American colleges and universities certified by the Carnegie Foundation as being of equivalent standing with the institutions on the foundation's list, but excluded therefrom because they are in some sense sectarian as defined in the terms of gift of the foundation.

The list includes no institution which does not require for admission a full four-year high-school course. It does not include any institution not supported by taxation which has a productive endowment of less than \$200,000, or any tax-supported institution whose annual income is less than \$100,000.

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| <p>California:</p> <p>Leland Stanford Junior University,²</p> <p>Stanford University,²</p> <p>Pomona College, Claremont.</p> <p>University of California, Berkeley.²</p> <p>Colorado:</p> <p>Colorado College, Colorado Springs.</p> <p>University of Colorado, Boulder.</p> <p>Connecticut:</p> <p>Trinity College, Hartford.</p> <p>Wesleyan University, Middletown.</p> <p>Yale University, New Haven.²</p> | <p>District of Columbia: Catholic University of America, Washington.²</p> <p>Georgia: University of Georgia, Athens.</p> <p>Illinois:</p> <p>Knox College, Galesburg.</p> <p>Lake Forest College, Lake Forest.</p> <p>Northwestern University, Evanston.</p> <p>University of Chicago, Chicago.²</p> <p>University of Illinois, Urbana.²</p> <p>Indiana:</p> <p>DePauw University, Greencastle.</p> <p>Earlham College, Earlham.</p> |
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¹ See p. 66.

² Member of the Association of American Universities.

Indiana—Continued.

Franklin College, Franklin.
 Indiana University, Bloomington.¹
 Purdue University, Lafayette.
 Rose Polytechnic Institute, Terre Haute.
 Wabash College, Crawfordsville.

Iowa:

Coe College, Cedar Rapids.
 Cornell College, Mount Vernon.
 Drake University, Des Moines.
 Grinnell College, Grinnell.
 Iowa State College of Agriculture and Mechanic Arts, Ames.
 State University of Iowa, Iowa City.¹

Kansas: University of Kansas, Lawrence.¹

Kentucky: Central University of Kentucky, Danville.

Louisiana: Tulane University of Louisiana, New Orleans.

Maine:

Bates College, Lewiston.
 Bowdoin College, Brunswick.
 Colby College, Waterville.
 University of Maine, Orono.

Maryland:

Goucher College, Baltimore.
 Johns Hopkins University, Baltimore.¹

Massachusetts:

Amherst College, Amherst.
 Boston University, Boston.
 Clark College, Worcester.
 Clark University, Worcester.¹
 Harvard University, Cambridge.¹
 Massachusetts Institute of Technology, Cambridge.
 Mount Holyoke College, South Hadley.
 Radcliffe College, Cambridge.
 Smith College, Northampton.
 Tufts College, Tufts College.
 Wellesley College, Wellesley.
 Williams College, Williamstown.
 Worcester Polytechnic Institute, Worcester.

Michigan: University of Michigan, Ann Arbor.¹

Minnesota:

Carleton College, Northfield.
 University of Minnesota, Minneapolis.¹

Missouri:

Drury College, Springfield.
 University of Missouri, Columbia.¹
 Washington University, St. Louis.
 William Jewell College, Liberty.

Nebraska: University of Nebraska, Lincoln.¹

New Hampshire: Dartmouth College, Hanover.

New Jersey:

Princeton University, Princeton.¹
 Rutgers College, New Brunswick.

New Jersey—Continued.

Stevens Institute of Technology, Hoboken.

New York:

Clarkson School of Technology, Potsdam.
 Colgate University, Hamilton.
 Columbia University, New York City.¹
 Cornell University, Ithaca.¹
 Elmira College, Elmira.
 Fordham University, Fordham.
 Hamilton College, Clinton.
 Hobart College, Geneva.
 New York University, New York City.
 Polytechnic Institute of Brooklyn, Brooklyn.
 Rensselaer Polytechnic Institute, Troy.
 Syracuse University, Syracuse.
 Union University, Schenectady.
 University of Rochester, Rochester.
 Vassar College, Poughkeepsie.
 Wells College, Aurora.

North Carolina:

Trinity College, Durham.
 University of North Carolina, Chapel Hill.

North Dakota: University of North Dakota, University.¹

Ohio:

Case School of Applied Science, Cleveland.
 College of Wooster, Wooster.
 Kenyon College, Gambier.
 Marietta College, Marietta.
 Miami University, Oxford.
 Oberlin College, Oberlin.
 Ohio State University, Columbus.
 Ohio Wesleyan University, Delaware.
 University of Cincinnati, Cincinnati.
 Western Reserve University, Cleveland.

Oregon:

Reed College, Portland.
 University of Oregon, Eugene.

Pennsylvania:

Allegheny College, Meadville.
 Bryn Mawr College, Bryn Mawr.
 Dickinson College, Carlisle.
 Haverford College, Haverford.
 Lafayette College, Easton.
 Lehigh University, South Bethlehem.
 Pennsylvania State College, State College.
 Swarthmore College, Swarthmore.
 University of Pennsylvania, Philadelphia.¹
 University of Pittsburgh, Pittsburgh.
 Washington and Jefferson College, Washington.

Rhode Island: Brown University, Providence.

¹ Member of the Association of American Universities.

South Dakota : University of South Dakota,
Vermilion.

Tennessee :

University of Tennessee, Knoxville.
University of the South, Sewanee.
Vanderbilt University, Nashville.

Texas : University of Texas, Austin.

Vermont :

Middlebury College, Middlebury.
University of Vermont, Burlington.

Virginia : University of Virginia, Charlottesville.¹

Washington :

State College of Washington, Pullman.
University of Washington, Seattle.

Wisconsin :

Beloit College, Beloit.
Lawrence College, Appleton.
Ripon College, Ripon.
University of Wisconsin, Madison.¹

ASSOCIATION OF COLLEGES AND SECONDARY SCHOOLS OF THE SOUTHERN STATES.

Institutions of collegiate grade, members of the association November, 1916.

The by-laws relating to the requirements for membership in the association are as follows:

1. No college belonging to this association shall maintain a preparatory school as part of its college organization. In case such school is maintained under the college charter, it must be kept rigidly distinct in students, faculty, and discipline.

2. The completion of a secondary-school course covering at least the amount of work indicated in section 3 of these by-laws should be demanded of every student seeking admission to college. In measuring the amount of work done by such students the association accepts the valuation of a unit as fixed by the National Conference Committee on Standards, as follows:

A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work.

This statement is designed to afford a standard of measurement for the work done in secondary schools. It takes the four-year high-school course as a basis and assumes that the length of the school year is from 36 to 40 weeks, that a period is from 40 to 60 minutes in length, and that the study is pursued for four or five periods a week; but under ordinary circumstances a satisfactory year's work in any subject can not be accomplished in less than 120 sixty-minute hours or their equivalent. Schools organized on any other than a four-year basis can, nevertheless, estimate their work in terms of this unit.

3. Fourteen units are required of all students admitted to college. Conditions are allowed to the extent of two units only, and all conditions or deficiencies should be removed before the beginning of the second year in college. College work done to remove conditions must not be counted toward a degree. Students may be admitted either on certificate or on examination, but they must in all cases comply with the above requirements as to the amount of work offered. The association strongly recommends that all candidates be required to offer English and mathematics, and that all candidates for a degree course in the college of liberal arts be required to offer in addition the necessary preparation in two foreign languages.

4. Special students may be admitted to college without the usual form of examination under the following conditions: (a) They must be of mature age (not less than 20 years is suggested); (b) they must not be admitted to classes for which entrance examinations are required unless they pass such examina-

¹ Member of the Association of American Universities.

tions; (c) they must give proof of adequate preparation for the courses sought; (d) their names must be separately printed in the catalogue.

Alabama:

Southern University, Greensboro.
University of Alabama, University.

Florida:

Florida State College for Women, Tallahassee.
University of Florida, Gainesville.

Georgia:

Agnes Scott College, Decatur.
Mercer University, Macon.
University of Georgia, Athens.

Kentucky:

Central University of Kentucky, Danville.
Transylvania College, Lexington.
University of Kentucky, Lexington.
University of Louisville, Louisville.

Louisiana:

Louisiana State University and Agricultural and Mechanical College, Baton Rouge.
Tulane University of Louisiana, New Orleans.

Maryland:

Goucher College, Baltimore.
Johns Hopkins University, Baltimore.

Mississippi:

Millsaps College, Jackson.
University of Mississippi, University.

Missouri: University of Missouri, Columbia.

North Carolina:

Trinity College, Durham.
University of North Carolina, Chapel Hill.

South Carolina:

College of Charleston, Charleston.
Converse College, Spartanburg.

Tennessee:

George Peabody College for Teachers, Nashville.
Southwestern Presbyterian University, Clarksville.
University of Chattanooga, Chattanooga.
University of Tennessee, Knoxville.
University of the South, Sewanee.
Vanderbilt University, Nashville.

Texas:

Baylor University, Waco.
Rice Institute, Houston.
Southwestern University, Georgetown.
University of Texas, Austin.

Virginia:

Randolph-Macon College, Ashland.
Randolph Macon Woman's College, Lynchburg.
Richmond College, Richmond.
University of Virginia, Charlottesville.
Washington and Lee University, Lexington.

West Virginia: West Virginia University, Morgantown.

CARNEGIE FOUNDATION FOR THE ADVANCEMENT OF TEACHING.

The conditions established by the Carnegie Foundation in order that institutions may participate in the benefits of the fund are as follows:

Institutions of higher learning, including colleges, technical schools, and universities, whose work is clearly of college or university grade, may be admitted to participation in the benefits of the retiring allowance system sustained by the foundation.

Academic standing.—In order to be admitted to the retiring allowance system of the foundation, the essential work of an institution must be that of higher education, and of such a character that graduation from a four-year high-school course, or equivalent training, is a prerequisite therefor.

The term "college" is used to designate, in the United States * * * * institutions varying so widely in requirements for admission, standards of instruction, and facilities for work, that for the purposes of this foundation some arbitrary definition of that term is necessary. The following definition, in force in the State of New York, will be employed:

* The foundation's list includes also institutions in Canada and Newfoundland. In this bulletin, however, the names of all foreign institutions have been consistently omitted.

An institution to be ranked as a college must have at least six professors giving their entire time to college and university work, a course of four full years in liberal arts and sciences, and should require for admission not less than the usual four years of academic or high-school preparation, or its equivalent, in addition to the preacademic or grammar school studies.

A technical school, to be eligible, must have entrance and graduation requirements equivalent to those of the college, and must offer courses in pure and applied science of equivalent grade.

A tax-supported institution must be in receipt of an annual income of not less than \$100,000.

An institution not supported by taxation, in order to meet the requirement in regard to endowment, must have a productive endowment of not less than \$200,000 over and above any indebtedness of the institution.

In addition to the above conditions, the foundation specifies that, in so far as denominational control is concerned, institutions eligible to the benefits of the foundation are—

Colleges, universities, and technical schools of requisite academic grade, not owned or controlled by a religious organization, whose acts of incorporation or charters specifically provide that no denominational test shall be applied in the choice of trustees, officers, or teachers, or in the admission of students.

California:

Leland Stanford Junior University,
Stanford University.
University of California, Berkeley.

Colorado: Colorado College, Colorado Springs.

Connecticut:

Trinity College, Hartford.
Wesleyan University, Middletown.
Yale University, New Haven.

Illinois: Knox College, Galesburg.

Indiana:

Franklin College, Franklin.
Indiana University, Bloomington.
Purdue University, Lafayette.
Rose Polytechnic Institute, Terre Haute.
Wabash College, Crawfordsville.

Iowa:

Coe College, Cedar Rapids.
Drake University, Des Moines.
Grinnell College, Grinnell.

Kentucky: Central University of Kentucky, Danville.

Louisiana: Tulane University of Louisiana, New Orleans.

Maine:

Bates College, Lewiston.
Bowdoin College, Brunswick.

Maryland: Johns Hopkins University, Baltimore.

Massachusetts:

Amherst College, Amherst.
Clark University, Worcester.
Harvard University, Cambridge.
Massachusetts Institute of Technology, Cambridge.
Mount Holyoke College, South Hadley.

Massachusetts—Continued.

Radcliffe College, Cambridge.
Smith College, Northampton.
Tufts College, Tufts College.
Wellesley College, Wellesley.
Williams College, Williamstown.
Worcester Polytechnic Institute, Worcester.

Michigan: University of Michigan, Ann Arbor.

Minnesota:

Carleton College, Northfield.
University of Minnesota, Minneapolis.

Missouri:

Drury College, Springfield.
University of Missouri, Columbia.
Washington University, St. Louis.

New Hampshire: Dartmouth College, Hanover.

New Jersey:

Princeton University, Princeton.
Stevens Institute of Technology, Hoboken.

New York:

Clarkson College of Technology, Potsdam.
Columbia University, New York City.
Cornell University, Ithaca.
Hamilton College, Clinton.
Hobart College, Geneva.
New York University, New York City.
Polytechnic Institute of Brooklyn, Brooklyn.
Rensselaer Polytechnic Institute, Troy.
University of Rochester, Rochester.
Union University, Schenectady.
Yassar College, Poughkeepsie.
Wells College, Aurora.

Ohio:

Case School of Applied Science, Cleveland.
 Marietta College, Marietta.
 Oberlin College, Oberlin.
 University of Cincinnati, Cincinnati.
 Western Reserve University, Cleveland.

Pennsylvania:

Dickinson College, Carlisle.
 Lehigh University, South Bethlehem.
 Swarthmore College, Swarthmore.
 University of Pennsylvania, Philadelphia.

Pennsylvania—Continued.

University of Pittsburgh, Pittsburgh.
 Washington and Jefferson College, Washington.

Vermont:

Middlebury College, Middlebury.
 University of Vermont, Burlington.

Virginia: University of Virginia, Charlottesville.

Wisconsin:

Beloit College, Beloit.
 Lawrence College, Appleton.
 Ripon College, Ripon.
 University of Wisconsin, Madison.

NORTH CENTRAL ASSOCIATION OF COLLEGES AND SECONDARY SCHOOLS.

The following constitute the standards adopted by the association for inclusion in its list of approved institutions:

The standard American college is a college with a four-year curriculum with a tendency to differentiate its parts in such a way that the first two years are a continuation of, and a supplement to, the work of secondary instruction as given in the high school, while the last two years are shaped more or less distinctly in the direction of special, professional, or university instruction.

The following constitute the standards for accrediting colleges for the present year (1916):

1. The minimum scholastic requirement of all college teachers shall be equivalent to graduation from a college belonging to this association, and graduate work equal at least to that required for a master's degree. Graduate study and training in research equivalent to that required for the Ph. D. degree are urgently recommended, but the teacher's success is to be determined by the efficiency of his teaching, as well as by his research work.
2. The college shall require for admission not less than 14 secondary units, as defined by this association.
3. The college shall require not less than 120 semester hours for graduation.
4. The college shall be provided with library and laboratory equipment sufficient to develop fully and illustrate each course announced.
5. The college, if a corporate institution, shall possess a productive endowment of not less than \$200,000.
6. The college, if a tax-supported institution, shall receive an annual income of not less than \$100,000.
7. The college shall maintain at least eight distinct departments in liberal arts, each with at least one professor giving full time to the college work in that department.
8. The location and construction of the buildings, the lighting, heating, and ventilation of the rooms, the nature of the laboratories, corridors, closets, water supply, school furniture, apparatus, and methods of cleaning shall be such as to insure hygienic conditions for both students and teachers.
9. The number of hours of work given by each teacher will vary in the different departments. To determine this, the amount of preparation required for the class and the time needed for study to keep abreast of the subject,

together with the number of students, must be taken into account; but in no case shall more than 18 hours per week be required, 15 being recommended as a maximum.

10. The college must be able to prepare its graduates to enter recognized graduate schools as candidates for advanced degrees.

11. The college should limit the number of students in a recitation or laboratory class to 30.

12. The character of the curriculum, the efficiency of instruction, the scientific spirit, the standard for regular degrees, the conservatism in granting honorary degrees, and the tone of the institution shall also be factors in determining eligibility.

13. When an institution has, in addition to the college of liberal arts, professional or technical schools or departments, the college of liberal arts shall not be accepted for the approved list of the association unless the professional or technical departments are of an acceptable grade.

Colorado:

Colorado College, Colorado Springs.
Colorado State Normal School, Gunnison.
State Teachers College of Colorado, Greeley.
University of Colorado, Boulder.
University of Denver, University Park.

Illinois:

Armour Institute of Technology, Chicago.
Augustana College, Rock Island.
Bradley Polytechnic Institute, Peoria.
Carthage College, Carthage.
Eastern Illinois State Normal School, Charleston.
Illinois College, Jacksonville.
Illinois State Normal University, Normal.
Illinois Wesleyan University, Bloomington.
Illinois Woman's College, Jacksonville.
James Millikin University, Decatur.
Knox College, Galesburg.
Lake Forest College, Lake Forest.
Lewis Institute, Chicago.
Monmouth College, Monmouth.
Northern Illinois State Normal School, De Kalb.
Northwestern College, Naperville.
Northwestern University, Evanston.
Rockford College, Rockford.
Southern Illinois State Normal School, Carbondale.
University of Chicago, Chicago.
University of Illinois, Urbana.
Western State Normal School, Macomb.
Wheaton College, Wheaton.

Indiana:

Butler College, Indianapolis.
DePauw University, Greencastle.
Earlham College, Earlham.
Franklin College, Franklin.
Hanover College, Hanover.
Indiana State Normal School, Terre Haute.
Indiana University, Bloomington.

Indiana—Continued.

Purdue University, Lafayette.
Rose Polytechnic Institute, Terre Haute.
University of Notre Dame, Notre Dame.
Wabash College Crawfordsville.

Iowa:

Coe College, Cedar Rapids.
Cornell College, Mount Vernon.
Drake University, Des Moines.
Grinnell College, Grinnell.
Iowa State College of Agriculture and Mechanic Arts, Ames.
Iowa State Teachers College, Cedar Falls.
Iowa Wesleyan College, Mount Pleasant.
Luther College, Decorah.
Morningside College, Sioux City.
Parsons College, Fairfield.
Pennington College, Oakaloosa.
Simpson College, Indianola.
State University of Iowa, Iowa City.
Upper Iowa University, Fayette.

Kansas:

Baker University, Baldwin City.
College of Emporia, Emporia.
Fort Hays Kansas Normal School, Hays.
Friends University, Wichita.
Kansas State Agricultural College, Manhattan.
Kansas State Normal School, Emporia.
Kansas Wesleyan University, Salina.
Ottawa University, Ottawa.
State Manual Training Normal School, Pittsburg.
University of Kansas, Lawrence.
Washburn College, Topeka.

Michigan:

Albion College, Albion.
Adrian College, Adrian.
Alma College, Alma.
Central State Normal School, Mount Pleasant.

Michigan—Continued.

Detroit Central High School Junior College, Detroit.
 Hope College, Holland.
 Kalamazoo College, Kalamazoo.
 Michigan Agricultural College, East Lansing.
 Michigan State Normal School, Ypsilanti.
 Northern State Normal School, Marquette.
 University of Michigan, Ann Arbor.
 Western State Normal School, Kalamazoo.

Minnesota:

Carleton College, Northfield.
 College of St. Catherine, St. Paul.
 College of St. Thomas, St. Paul.
 Gustavus-Adolphus College, St. Peter.
 Hamline University, St. Paul.
 Macalester College, St. Paul.
 Mankato State Normal School.
 Moorhead State Normal School.
 St. Cloud State Normal School.
 St. Olaf College, Northfield.
 University of Minnesota, Minneapolis.
 Winona State Normal School.

Missouri:

Cape Girardeau State Normal School.
 Central College, Fayette.
 Drury College, Springfield.
 Kirksville State Normal School.
 Missouri Valley College, Marshall.
 Park College, Parkville.
 St. Louis University College of Liberal Arts, St. Louis.
 Springfield State Normal School.
 University of Missouri, Columbia.
 Warrensburg State Normal School.
 Washington University, St. Louis.
 Westminster College, Fulton.
 William Jewell College, Liberty.

Montana:

Montana College of Agriculture and Mechanic Arts, Bozeman.
 Montana State Normal School, Dillon.
 University of Montana, Missoula.

Nebraska:

Chadron State Normal School.
 Creighton University College of Liberal Arts, Omaha.
 Doane College, Crete.
 Hastings College, Hastings.
 Kearney State Normal School, Kearney.
 Nebraska Wesleyan University, University Place.
 Peru State Normal School.
 University of Nebraska, Lincoln.

North Dakota:

North Dakota Agricultural College, Agricultural College.
 University of North Dakota, University.
 Valley City State Normal School.

Ohio:

Baldwin-Wallace College, Berea.
 Bowling Green State Normal College.
 Case School of Applied Science, Cleveland.
 College of Wooster, Wooster.
 Defiance College, Defiance.
 Denison University, Granville.
 Heidelberg University, Tiffin.
 Hiram College, Hiram.
 Kent State Normal College.
 Kenyon College, Gambier.
 Lake Erie College, Palmyra.
 Marietta College, Marietta.
 Miami University, Oxford.
 Mount Union College, Alliance.
 Municipal University of Akron, Akron.
 Oberlin College, Oberlin.
 Ohio State University, Columbus.
 Ohio University, Athens.
 Ohio Wesleyan University, Delaware.
 Otterbein University, Westerville.
 University of Cincinnati, Cincinnati.
 Western College for Women, Oxford.
 Western Reserve University, Cleveland.
 Wittenberg College, Springfield.

Oklahoma:

Oklahoma Agricultural and Mechanical College, Stillwater.
 University of Oklahoma, Norman.

South Dakota:

Dakota Wesleyan University, Mitchell.
 Huron College, Huron.
 South Dakota College of Agriculture and Mechanic Arts, Brookings.
 University of South Dakota, Vermillion.

Wisconsin:

Beloit College, Beloit.
 Carroll College, Waukesha.
 Lawrence College, Appleton.
 Milwaukee-Downer College, Milwaukee.
 Milwaukee State Normal School.
 Oshkosh State Normal School.
 Ripon College, Ripon.
 Stevens Point State Normal School.
 Superior State Normal School.
 University of Wisconsin, Madison.
 Whitewater State Normal School.

Wyoming: University of Wyoming, Laramie.

PART IV.—JUNIOR COLLEGES.

ARIZONA.

There are no junior colleges in Arizona, but graduates of the State normal schools are entitled to 30 units blanket credit at the University of Arizona.

ARKANSAS.

Crescent College, Eureka Springs, is the only junior college in the State. It has been approved by the University of Arkansas on the basis of the work offered in its courses being equivalent to the first two years of work in the university courses.

CALIFORNIA.

The policy of the University of California with reference to students entering from junior colleges is formulated by the recorder of the faculties as follows:

THE JUNIOR COLLEGE AND THE UNIVERSITY.

It is the university's policy to give a year's credit for a year's work on the basis of credentials from other colleges, including junior colleges. Wherever there is evidence that the institution is doing a full year of work beyond the high school, the University will endeavor to give 32 units (slightly more in the engineering colleges) and to distribute these 32 units in a way that will equitably meet requirements for the junior certificate and the bachelor's degree.

In the university, every lecture or recitation presupposes about two hours of outside preparation. In laboratory courses, the amount of work completed in the classroom is greater, and the amount of outside study relatively less, than in courses conducted by lecture or recitation, but the aggregate amount of work required for a unit of credit is in any case the same. It will therefore be seen that the normal university schedule of 16 units per half year implies about 48 hours per week of studious effort for 18 weeks. It has been estimated that the junior colleges as they are at present organized may complete 32 units per year by requiring five courses concurrently, each class meeting five periods per week in 40-minute periods throughout a 20-week semester. The same result may be obtained by having the classes or some of them meet four periods per week, the periods to be 45 or 50 minutes and the amount of outside preparation for the classwork to be proportionately greater than would be required if the meetings were five times weekly.

There is, of course, some danger in the situation so long as the university's test of the applicant's proficiency is primarily a time test, rather than a knowledge test. But the real unit for the application of the time test should be the unit of studious endeavor in or out of class, rather than the aggregate of hours or minutes spent in the classroom.

For a four-study schedule, such as is indicated above, continued for two years, we should expect in the ordinary case to give 64 units of credit. The units of credit assigned to a single subject continued for one year would be eight.

The successful articulation of junior-college work with university work will naturally depend very largely upon the extent to which the junior college is able to meet the varied departmental requirements of a large university. In some highly specialized departments it may be difficult for the junior college (as for any small institution) to afford adequate preparation. An example would be the field of engineering. Similarly, the work that is now required of premedical students (college laboratory courses in physics, chemistry, zoology, embryology, etc.) is not easily obtainable outside of the universities. Architecture and agriculture are in a similar position.

The following memorandum was furnished by the recorder of the faculties March 24, 1916:

As to the junior colleges, I will say that we have not yet attempted to make a definite listing. We are still investigating and collecting evidence concerning the organization of these institutions. In the meantime, we deal with the junior colleges, in a general way, just as we deal with other collegiate institutions. We get the chronology of the applicant's high school and later work and we evaluate the record just as we should evaluate it if it came from an institution maintaining a four-year baccalaureate course. I hand you herewith * * * a list of the junior colleges from which students have already been received in *junior standing* in the University of California. I suppose it would be quite safe to say of the junior colleges in this list that they are "accredited."

California junior colleges from which students have been transferred to the university in junior standing:

Fresno Junior College, Fresno.	Polytechnic Junior College, Los Angeles.
Fullerton Junior College, Fullerton.	San Diego Junior College, San Diego.
Hollywood Junior College, Hollywood.	Santa Barbara Junior College, Santa Bar-
Los Angeles Junior College, Los Angeles.	bara.

IDAHO.

College courses at the Idaho Technical Institute (located at Pocatello) are so arranged as to correspond with the first two years' work of the University of Idaho.

ILLINOIS.

The following are the standards and regulations governing the accrediting of junior colleges by the University of Illinois:

STANDARDS.

1. The admission of high-school students to junior-college classes should be limited to students of senior standing and of superior scholarship; "superior scholarship" being interpreted to mean a rank within the first third of the class. The number of even these picked high-school seniors in any junior-college class should not in any case exceed one-half of the total membership of that class and should ordinarily be limited to one-third the total membership of the class.

2. The teachers in charge of the junior-college work in departments other than manual arts should have a bachelor's degree and should have had in addition at least a year of graduate study in the subject of their department in a university of recognized standing.

3. The teaching schedule of any instructor doing junior-college work should be limited to a maximum of 20 recitation periods per week (two laboratory periods being counted as equivalent to one recitation period).

4. The junior-college course should be organized and conducted on a collegiate as distinguished from a high-school basis. College texts should be used and should be supplemented with reference or other outside work of collegiate character, and the amount of ground covered in a semester should approximate that covered in corresponding college courses.

5. Junior-college classes should be provided with an adequate equipment of space and of available laboratory and library facilities for strictly college work.

REGULATIONS.

1. For work done in junior-college classes for which the above standards are approximately met, substantially hour-for-hour credit will be given at the time of the student's admission to the university, provided that the maximum credit allowed shall not exceed 18 hours per semester.

2. For work done in junior-college classes for which the above standards are only partially and semisatisfactorily met, substantially three-fourths credit in college hours may be given at the time of the student's admission, provided that the maximum credit allowed shall not exceed 13½ hours per semester.

3. A student who has been given partial credit on admission under the provision of paragraph 2 above may have such partial credit raised to full credit at the end of his first year's work in the university, provided (1) that he continues in the university any specific subject in which he has received partial credit and makes a grade of not less than 85 in that subject, or (2) if he does not continue any specific subject in the university, that he makes an average grade of not less than 85 in all the subjects of his first year's work.

4. For fifth-year or sixth-year work, which is but slightly differentiated by the above criterions from high-school work, substantially one-half credit in college hours may be given at the time of the student's admission, such credit not to exceed nine hours per semester.

Blackburn College, Carlinville.

Bradley Polytechnic Institute, Peoria.

Crane Junior College, Chicago.

Frances Shimer School, Mount Carroll.

Joliet Junior College, Joliet.

Lane Junior College, Chicago.

Monticello Seminary, Godfrey.

Senn Junior College (two years of college work beginning 1916-17), Chicago.

JUNIOR COLLEGES RECOGNIZED BY THE STATE EDUCATION DEPARTMENT OF ILLINOIS.

An institution to be ranked as a junior college must have at least four teachers giving their entire time to teaching a course of two full years of college grade (the equivalent of 60 semester hours in a recognized college) and shall require for admission not less than 15 secondary units of preparation in a recognized four-year high school, or its equivalent.

Students of recognized junior colleges shall be accorded the rights and privileges of the certificating law.

Bradley Polytechnic Institute, Peoria.

Lewis Institute, Chicago.

Joliet Junior College, Joliet.

Junior colleges recognized for one year:

Frances Shimer School, Mount Carroll.

Monticello Seminary, Godfrey.

MICHIGAN.

The junior college work of the following institutions has been recognized by the University of Michigan:

Central High School, Detroit.

| Grand Rapids High School.

MINNESOTA.

The standards adopted February, 1916, for judging Minnesota schools, offering one or two years of college work, are as follows:

Under the conditions hereinafter specified the University of Minnesota will recognize toward advanced standing credits earned in a school giving a college course in part, provided such school complies with the following regulations:

A. GENERAL CONDITIONS.

1. *Amount of work to be recognized.*—The maximum amount of college work to be recognized shall be two years, but in no case shall a second year's work be recognized until a school has for a reasonable length of time demonstrated its ability to do the first year's work satisfactorily.

2. *Limit to length of time of recognition.*—The normal period of recognition shall be one year. Renewals shall be subject to the continued compliance of the school with the standards.

B. SPECIFIC REGULATIONS.

2. *Courses to be offered at the school.*—At least one full year of college work—that is, 14 to 16 credits—must be offered, consisting of courses in at least four subjects with at least one subject in each of the three groups: Language, science and mathematics, social sciences.

3. *Students.*—Students admitted to these courses must be graduates of secondary schools accredited by the university.

4. *Teachers.*—(a) Training and experience. All persons giving instruction in such courses shall have done at least one full year's work in a recognized graduate school (ordinarily one year of graduate work in addition to at least two years of undergraduate study in the subject taught) with special attention to the subjects which they teach, and they must also have at least two years' successful experience as high-school teachers, or acceptable experience as college teachers.

(b) Subjects and hours. Each instructor shall teach not more than two subjects in the college division and shall not teach more than one five-period class in the high school. When in the opinion of the committee the college enrollment warrants, he shall give his full time to college teaching. The total amount of his classroom work shall be not more than 17 hours.

(c) The work of the instructor shall show evidence of ability to stimulate and hold the interest of his students so that they shall attain a mastery of and a proper attitude of mind toward the subject taught.

5. *Library and equipment.*—Each department shall be provided with books and apparatus sufficient to carry on its work in a proper manner. The books

may be in part in a city library if they can be drawn out for students' use under suitable regulations. For the information of the teacher, to maintain his interest and to keep him in touch with the spirit of his subject, the list of books must include both large reference works and two or three periodicals representing scientific or research activity in the subject. Provision must be made for reasonable additions to the library, involving an annual expenditure of from \$15 to \$75 for each study, depending upon the original equipment available and the nature of the subject.

6. *Inspection.*—Equipment and work of departments in such schools shall be inspected by qualified representatives of the corresponding university departments, appointed by the committee on the relation of the university to other institutions of learning after consultation with the departments. These representatives shall report their findings to the committee.

C. ADMISSION OF STUDENTS WITH ADVANCED CREDITS.

1. Students entering the university from a school whose work has been recognized shall be allowed not more than 16 credits for each semester of such work, provided the following conditions are fulfilled:

(a) All entrance requirements of the particular college in which the student enrolls must be met.

(b) The student must present a statement showing that the work for which credit is desired was completed in a satisfactory manner, and that he is entitled to honorable dismissal on the basis of his character and conduct.

(c) All work for which credit is allowed must be in subjects which may be counted toward a degree in the college in which the student enrolls.

The following high schools have recently begun work in their college departments under the above standards:

Cloquet High School.
Faribault High School.
Hibbing High School.
Jackson High School.

Rochester High School.
Stanley College, Minneapolis.
Villa St. Scolastica, Duluth.

Two classes of graduates from the Minnesota normal schools are accepted at the University of Minnesota: (1) Graduates of the advanced graduate course (two years above high-school graduation); (2) graduates of the advanced English or Latin course (five years). The college of education of the University of Minnesota grants 60 credits to graduates of class 1 and 42 credits to those in class 2. The college of science, literature, and the arts grants 30 credits to students in both classes, with the provision that those in class 2 have the special recommendation of the normal school president and be of mature years.

Duluth State Normal School.
Mankato State Normal School.
Moorhead State Normal School.

St. Cloud State Normal School.
Winona State Normal School.

MISSOURI.

The *minimum* requirements which a junior college must meet in order to be accredited by the University of Missouri are as follows:¹

1. The requirements for admission to the work of the college must be the equivalent of those of the college of arts and science in the University of Missouri:

High-school subjects which are required for admission are designated in terms of "units." A unit is the equivalent of a subject pursued five 40-minute periods a week for at least 36 weeks, except that in the cases of physical and biological sciences, and certain other subjects, two or more of the five periods each week must be double periods.

Fifteen units, the equivalent of a four years' high-school course, are required for entrance to the college of arts and science. Three units in English, one unit in mathematics, and two units in one foreign language are fixed requirements. The remaining nine may be selected from the following list, in which is indicated the maximum and minimum number of units accepted in each subject.

Subjects.	Maxi- mum.	Mini- mum.	Subjects.	Maxi- mum.	Mini- mum.
English.....	4	3	Chemistry.....	2	1
Algebra (elementary).....	1	1	General biology.....	1	1
Plane geometry.....	1	1	Zoology.....	2	1
Solid geometry.....	1	1	Botany.....	2	1
Plane trigonometry.....	1	1	Physiology ¹	1	1
Arithmetic (advanced) ¹	1	1	Physical geography.....	1	1
Algebra (advanced) ¹	1	1	Agriculture.....	2	1
History.....	4	1	Music.....	1	1
American government.....	4	1	Drawing.....	2	1
Latin.....	4	2	Manual training ²	2	1
Greek.....	3	2	Domestic science and art ³	2	1
German.....	3	2	Economics ⁴	2	1
French.....	3	2	Commercial geography ⁴	1	1
Spanish.....	3	2	Book keeping ⁴	1	1
Physics.....	2	1	Teacher training.....	2	2

¹ Must be preceded by the elementary courses in algebra and plane geometry. Credit for the advanced courses in both algebra and arithmetic are not accepted in the case of any individual student.

² In cases where the study of physiology has been preceded by a year's study of general biology, botany or zoology.

³ The maximum amount of commercial and industrial subjects accepted is 4 units.

2. If a preparatory school is maintained in connection with the college, its work must be approved by the University of Missouri.

3. The course of study in the college must be two years in length, and the college year 36 weeks.

4. For graduation from the college, the student must complete satisfactorily 60 hours of work, which must be the equivalent of that required in the first two years in the college of arts and science in the University of Missouri. This is as follows:

(a) Six hours of English; (b) five hours of history; (c) five hours of ancient languages and literature; (d) five hours of modern languages; (e) three hours of mathematics or logic; (f) five hours of physical science (astronomy, chemistry, geology and mineralogy, physics); (g) five hours of biological science (botany, experimental psychology, physiology, zoology).

These requirements may be waived on the following:

If the student presents 4 units for entrance in one of the requirements (b) or (c), or 3 in (d) or (e), or 2 in (f) or (g), he will be excused from that

⁴ The graduates of institutions recognised by the University of Missouri as junior colleges who have had at least 12 hours' work in education may be granted a certificate valid for three years.

requirement. Such exemptions do not excuse the student from the requirement of a total of 60 hours for graduation.

By an hour is meant a 60-minute period of class work or a 120-minute period of laboratory work (exclusive of preparatory instruction and study work upon notebooks that can be done outside of laboratory, etc.), each week for one semester.

5. Students shall not be permitted to carry for credit work amounting to more than 16 hours a week.

6. There must be a sufficient number of teachers to conduct the work without crowding the classes or without assigning to individual teachers an excessive amount or variety of work.

7. All college teachers should have had training equivalent to four years' work in a standard college, and it is desirable that they should have completed one year's graduate work.

8. There must be a laboratory for physical science and a laboratory for biological science, each adequately equipped and sufficiently large to permit easily of individual work upon the part of the students.

9. There must be an adequate library equipment.

10. The college must give satisfactory instruction in the work specified in the fourth requirement and in addition must give satisfactory instruction in other courses which the student may take in completing the conditions for graduation.

Christian College, Columbia.
Cottey College, Nevada.
Hardin College, Mexico.
Howard-Payne College, Fayette.

Lindenwood College, St. Charles.
Pritchett College, Glasgow.
Stephens College, Columbia.
William Woods College, Fulton.

NEBRASKA.

There are no institutions in the State which are designated junior colleges. There are, however, certain schools doing two years of collegiate work which are inspected and approved on the same basis as the colleges, and whose graduates are also given the advantage of certification by the department of public instruction.

Chadron State Normal School.
Fremont College, Fremont.

Kearney State Normal School.
Wayne State Normal School.

OKLAHOMA.

The normal schools and one collegiate institution of the State are recognized as junior colleges. Their graduates are given credit in the University of Oklahoma for such work of the freshman and sophomore years as they have completed. The recognition of these schools and the method of admitting their students to the university correspond to the practice in the case of the colleges.

Central State Normal School, Edmond.
Colored Agricultural and Normal University, Langston.
East Central State Normal School, Ada.
Northeastern State Normal School, Tahlequah.

Northwestern State Normal School, Alva.
Southeastern State Normal School, Durant.
Southwestern State Normal School, Weatherford.
Oklahoma College for Women, Chickasha.

TEXAS.

The minimum requirements for a junior college adopted by the Texas State Teachers' Association, March 7, 1914, are as follows:

1. It should require not less than 14 standard units for entrance.
2. It should add thereto two years of college work, or fifteen 60-minute hours per week of recitations each year.
3. If courses are offered in science, above the academy, then it should have laboratory equipment sufficient for all the experiments called for by such courses—sufficiency to be measured by the value of the apparatus, which shall be, in chemistry not less than \$1,000, in physics not less than \$2,000, and in biology not less than \$1,500.
4. It should have a library of not fewer than 2,000 volumes bearing specifically upon the subjects taught.
5. It should maintain at least five departments, with a professor exclusively in charge of each. In the nature of the case, other teachers would be required. They might be assistant professors or instructors in more than one department each. As speedily as possible such school should go from five to six and seven, and even more, full professors. The library and laboratories should not lag in constant growth.
6. No teacher should be required to do more than 25 hours per week of classroom work.
7. No student should be allowed to do more than 15 hours of classroom work per week on a basis of 60 year-hours for graduation, i. e., as a rule the student should be allowed only one-fourth of his degree work per year, unless a student is a conditioned freshman with only half of his work in advance. A student may take, in addition to 15 hours, a given amount of music or other fine arts.
8. The equipment of the teachers should be approximately equal to that of college teachers.

Junior colleges will be grouped in four classes as follows:

- (1) *Junior Colleges of Class A Plus.*—This class includes institutions which meet in full all the criteria of a junior college as adopted by the college section of the Texas State Teachers' Association. Students from such institutions should receive hour-for-hour credit.
- (2) *Junior Colleges of Class A.*—This class includes junior colleges which approximate the standards set for Class A Plus, but fall short of it in certain particulars. For example, a college which is slightly short of the standard set for the library or laboratory equipment would fall in this class. Students from institutions rated in Class A should receive a maximum of 13 session hours per year, or their work in specified departments may be discounted, as noted in the rating of the individual institution.
- (3) *Junior Colleges of Class B.*—This class includes junior colleges which, while of collegiate character and standards, fall short in more important particulars of the standards set for Class A Plus. Students from institutions rated in Class B should receive approximately three-fourths credit up to a maximum of 11 session hours per year, except in specific departments, as may be noted in the rating of the individual institution.
- (4) *Junior Colleges of Class C.*—This class includes junior colleges which, while organized and designated as colleges, appear to be in reality little better than secondary schools. Students from institutions of Class C should receive, in departments to be specifically designated in each case, approximately one-half credit up to a maximum of 7½ session hours per year.

JUNIOR COLLEGES.

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(Classes A Plus and C are vacant.)

CLASS A.

Abilene Christian College,¹ Abilene.
 Alexander Collegiate Institute,² Jackson-
 ville.
 Burleson College,³ Greenville.
 Clarendon College,¹ Clarendon.
 Meridian College,³ Meridian.
 Decatur Baptist College,¹ Decatur.
 North Texas Female College,¹ Sherman.
 Saint Mary's College,¹ Dallas.
 San Antonio Female College,¹ San Antonio.

Stamford College,⁴ Stamford.
 Texas Military College,¹ Teirell.
 Thorp Spring Christian College,¹ Thorp
 Spring.
 Wesley College,³ Greenville.
 Westminster College,¹ Tehuacana.

CLASS B.

Goodnight Baptist College,¹ Goodnight.
 John Tarleton College,³ Stephenville.
 Midland College,¹ Midland.

VIRGINIA.

An institution to be registered as a junior college by the State Board of Education of Virginia must present satisfactory evidence that it is doing at least the freshman and sophomore work of a standard college. The junior college may confer a diploma of graduation, but shall not confer any titled degree.

Daleville College, Daleville.
 Marion College, Marion.
 Mary Baldwin Seminary, Staunton.
 Southern College, Petersburg.
 Stonewall Jackson College, Abingdon.

Sullins College, Bristol.
 Virginia College, Roanoke.
 Virginia Intermont College, Bristol.
 Virginia Union University (colored), Rich-
 mond.

WASHINGTON.

The University of Washington allows college credit for the fifth-year work of the Everett High School, when the work corresponds with courses in the university.

ASSOCIATION OF COLLEGES AND SECONDARY SCHOOLS OF THE SOUTHERN STATES.

By-law 6 of the association provides as follows:

To be accepted as a member of this association a junior college must meet the following conditions: The college work must be the essential part of the curriculum, and names of college students must be published separately; requirements for admission to college classes must be as in by-laws 3 and 4; requirements for graduation must be based on the satisfactory completion of 30 year hours of work corresponding in kind and grade to that given in the freshman and sophomore years of colleges belonging to the association; the junior college shall not confer a degree, but may award diplomas; the number of teachers, their training, the amount of work assigned them, the number of college students, the resources and equipment of the college are all vital factors in fixing the standard of an institution and must be considered in accepting a junior college for membership. On these points the executive committee shall make regulations, and compliance therewith shall be a condition essential to their recommendation.

¹ No science approved.

² Chemistry only science approved.

³ Chemistry and physics only sciences approved.

⁴ Physics only science approved.

⁵ See p. 65.