

UNITED STATES DEPARTMENT OF THE INTERIOR

RAY LYMAN WILBUR, *Secretary*

OFFICE OF EDUCATION

WILLIAM JOHN COOPER, *Commissioner*

BULLETIN, 1930, No. 10

COLLEGE AND UNIVERSITY EXTENSION  
HELPS IN ADULT EDUCATION  
1928-1929

By

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OFFICE OF EDUCATION



UNITED STATES  
GOVERNMENT PRINTING OFFICE  
WASHINGTON : 1930

For sale by the Superintendent of Documents, Washington, D. C. . . . . Price 10 cents

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## LETTER OF TRANSMITTAL

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DEPARTMENT OF THE INTERIOR,  
OFFICE OF EDUCATION,  
*Washington, June, 1930.*

SIR: The opportunity offered by colleges and universities for students who for any reason can not go to them is of interest to an ever-increasing number of people.

The Office of Education, from time to time, has published bulletins regarding the growth of the enlargement of college campus boundaries and the progress made by institutions of higher learning to adapt their offerings to the needs of special students. As a result of a study made by Mr. L. R. Alderman, specialist in adult education, detailed information now has been compiled concerning 443 institutions which report that they offered some type of extension work for the years 1928-1929. Believing that this information will be of assistance to many persons who are anxious to further their education by study during leisure hours, I recommend that the material be published as a bulletin of the Office of Education.

Respectfully submitted.

WM. JOHN COOPER,  
*Commissioner.*

The SECRETARY OF THE INTERIOR.

## COLLEGE AND UNIVERSITY EXTENSION HELPS IN ADULT EDUCATION, 1928-1929

Colleges and universities during the past three decades have endeavored to extend their services to an ever-increasing number of persons beyond their walls. The history of this movement is most interesting and seems to have kept pace with improved means of transportation and communication. Strangely enough, university extension began about the same time that the automobile made its appearance.

The development of the radio is carrying the voice of the college instructor to all parts of the country. College lectures and study outlines now may be said to be within reach of the whole population.

Wherever the mails go university extension may be had, and where a sufficient number of persons in a community desire to study the same subject in all probability an instructor of some college or university may be found to guide them.

The purpose of this bulletin is to give information as to what helps may be had through extension methods from institutions of higher learning in all parts of this country. A similar bulletin published in 1928 gave evidence that many people desire the kind of information herein contained.

The data were secured by means of a questionnaire sent to 1,220 colleges, universities, and normal schools and from a study of their catalogues and reports. More than 800 institutions replied to the questionnaire, and 443 of these reported that they gave some extension service.

Work done by extension, either through correspondence study or in classes outside of the institution, may be credited toward a degree in many colleges and universities. The amount of credit that can be earned through extension work varies among institutions. In general, institutions that offer service of this nature permit one-fourth to one-half of the work necessary for a bachelor's degree to be earned by correspondence. There is a tendency to be more liberal in this regard toward class work taken outside of the institution.

Most colleges and universities record credit in terms of semester hours. A semester hour is commonly equivalent to 1 hour of class instruction, per week for 18 weeks, including the periods taken for class organization at the beginning of the work and for examination at the close. In general, a semester hour means 16 actual class hours of instruction, exclusive of the periods devoted to organization and examination.

Many institutions offer through extension a great variety of work for which no credit is granted. This may be because no credit is desired or because the subject matter is not of college grade.

The cost to the student of correspondence or class work outside of institutions varies among the colleges and universities. However, the student will find that as a rule the fees do not more than cover the cost of service, supplies, and postage.

The reader who desires help from any college or university will find the types of extension education services rendered by schools listed in Table 1. To secure full information or to enroll for any particular service, one should write directly to the institution.

TABLE 1.—Extension activities in educational institutions

Location	Institution	Correspondence courses		Class instruction off campus	Class instruction on campus for extension students	Instruction by radio	Institutes, conferences, short courses	Library service	Public lectures	Home reading courses	Visual instruction aids				Publications educational in nature	Parent-teacher association service	Other club service	Community drama	Promotion of debates	
											Lantern slides	Films	Mounted	Unmounted						Pictures
1	2																			
ALABAMA																				
Auburn	Alabama Polytechnic Institute	X		X	X	X	X		X						X				X	
Birmingham	Birmingham-Southern College			X	X				X										X	
Do.	Howard College			X	X														X	
Daphne	State Normal School			X	X														X	
Jacksonville	State Teachers College			X	X														X	
Marion	Judson College			X	X														X	
Montevallo	Alabama College			X	X														X	
Montgomery	Woman's College of Alabama			X	X														X	
Troy	State Teachers College			X	X														X	
Tuskegee Institute	Tuskegee Normal and Industrial Institute			X	X														X	
University	University of Alabama			X	X														X	
ARIZONA																				
Flagstaff	Arizona State Teachers College	X		X	X															
Phoenix	Phoenix Union High School (Junior College)	X		X	X															
Thatcher	Gila College			X	X															
Tucson	University of Arizona	X		X	X															
ARKANSAS																				
Arkadelphia	Henderson State Teachers College	X		X	X															
Conway	Arkansas State Teachers College			X	X															
Do.	Hendrix-Henderson College			X	X															
Fayetteville	University of Arkansas	X		X	X															
Jonesboro	Jonesboro College	X		X	X															
Do.	State Agricultural and Mechanical College	X		X	X															
Little Rock	Arkansas Baptist College			X	X															
Pine Bluff	Agricultural, Mechanical and Normal School			X	X															
Siloam Springs	John E. Brown College			X	X															



COLLEGE AND UNIVERSITY EXTENSION HELPS

TABLE 1.—Extension activities in educational institutions—Continued

Location	Institution	3	4	5	6	7	8	9	10	Visual instruction aids				15	16	17	18	19	
										Lantern slides	Films	Mounted	Unmounted						Publications educational in nature
CALIFORNIA																			
Angwin	Pacific Union College							X						X				X	
Aracata	Humboldt State Teachers College					X	X	X						X				X	
Arusa	Citrus Junior College						X	X						X				X	
Bakersfield	Kern County Union Junior College		X	X				X						X				X	
Berkeley	University of California				X			X						X				X	
Claremont	Pomona College					X		X						X				X	
Fresno	Fresno State Teachers College		X	X				X						X				X	
Fullerton	Fullerton Union High School and Junior College		X	X				X						X				X	
Kentfield	Marin Union Junior College			X				X						X				X	
La Verne	La Verne College							X						X				X	
Los Angeles	Holmby College							X						X				X	
Do	University of Southern California	X						X						X				X	
Mills College	Mills College		X	X				X						X				X	
Modesto	Modesto Junior College			X				X						X				X	
Ontario	Chaffey Junior College		X	X				X						X				X	
Redlands	University of Redlands		X	X				X						X				X	
Riverside	Riverside Junior College			X				X						X				X	
Sacramento	Sacramento Junior College		X	X				X						X				X	
San Bernardino	San Bernardino Valley Union Junior College			X				X						X				X	
San Diego	State College of San Diego		X	X				X						X				X	
San Francisco	St. Ignatius College		X	X				X						X				X	
Santa Ana	Santa Ana Junior College		X	X				X						X				X	
Santa Barbara	State Teachers College		X	X				X						X				X	
Santa Maria	Santa Maria Union High School and Junior College		X	X				X						X				X	
Taft	Taft Junior College			X				X						X				X	

<p><b>• COLORADO</b></p>												
Alamosa.....	X	X	X	X	X	X	X	X	X	X	X	X
Boulder.....	X	X	X	X	X	X	X	X	X	X	X	X
Colorado Springs.....	X	X	X	X	X	X	X	X	X	X	X	X
Denver.....	X	X	X	X	X	X	X	X	X	X	X	X
Fort Collins.....	X	X	X	X	X	X	X	X	X	X	X	X
Greeley.....	X	X	X	X	X	X	X	X	X	X	X	X
Gunnison.....	X	X	X	X	X	X	X	X	X	X	X	X
<p><b>CONNECTICUT</b></p>												
Danbury.....	X	X	X	X	X	X	X	X	X	X	X	X
Hartford.....	X	X	X	X	X	X	X	X	X	X	X	X
New Haven.....	X	X	X	X	X	X	X	X	X	X	X	X
Storrs.....	X	X	X	X	X	X	X	X	X	X	X	X
Willimantic.....	X	X	X	X	X	X	X	X	X	X	X	X
<p><b>DELAWARE</b></p>												
Newark.....	X	X	X	X	X	X	X	X	X	X	X	X
<p><b>DISTRICT OF COLUMBIA</b></p>												
Washington.....	X	X	X	X	X	X	X	X	X	X	X	X
Do.....	X	X	X	X	X	X	X	X	X	X	X	X
<p><b>FLORIDA</b></p>												
Gainesville.....	X	X	X	X	X	X	X	X	X	X	X	X
Lakeland.....	X	X	X	X	X	X	X	X	X	X	X	X
Tallahassee.....	X	X	X	X	X	X	X	X	X	X	X	X
<p><b>GEORGIA</b></p>												
Americus.....	X	X	X	X	X	X	X	X	X	X	X	X
Atlanta.....	X	X	X	X	X	X	X	X	X	X	X	X
Do.....	X	X	X	X	X	X	X	X	X	X	X	X
Athens.....	X	X	X	X	X	X	X	X	X	X	X	X
Do.....	X	X	X	X	X	X	X	X	X	X	X	X
Augusta.....	X	X	X	X	X	X	X	X	X	X	X	X
Collegeboro.....	X	X	X	X	X	X	X	X	X	X	X	X
Dunwoody.....	X	X	X	X	X	X	X	X	X	X	X	X
Emory.....	X	X	X	X	X	X	X	X	X	X	X	X
Forsyth.....	X	X	X	X	X	X	X	X	X	X	X	X
Mount Berry.....	X	X	X	X	X	X	X	X	X	X	X	X
Tifton.....	X	X	X	X	X	X	X	X	X	X	X	X

\*The Connecticut University Extension Committee staff is made up of the following institutions: Yale University, Wesleyan University, Trinity College, Hartford Theological Seminary Foundation, Connecticut College for Women, the State Board of Education professional staff, the Danbury Normal School, the Danbury Normal School, New Britain Normal School, New Haven Normal School, and the Willimantic Normal School.





TABLE 1.—Extension activities in educational institutions—Continued

Location	Institution	Correspondence courses		Class instruction on campus	Class instruction on campus for extension students	Instruction by radio	Institutes, conferences, short courses	Library service	Public lectures	Home reading courses	Visual instruction aids				Publications educational in nature	Parent-teacher association service	Other club service	Community drama	Promotion of debates
		3	4								Lantern slides	Films	Mounted	Unmounted					
1	2																		
HAWAII																			
Honolulu	University of Hawaii		X	X	X	X	X	X	X	X	X	X	X	X				X	
Do	Territorial Normal and Training School		X	X	X	X	X	X	X	X	X	X	X	X				X	
IDAHO																			
Moscow	University of Moscow	X			X			X								X			
ILLINOIS																			
Bourbonnais	St. Viator College		X	X	X				X										X
Carbondale	Southern Illinois State Normal University		X	X	X														X
Charleston	Eastern Illinois State Teachers College		X	X	X			X											X
Chicago	American College of Physical Education		X	X	X			X											X
Do	Armour Institute of Technology		X	X	X			X											X
Do	Lewis Institute		X	X	X			X											X
Do	Loyola University		X	X	X			X											X
Do	North Park Junior College		X	X	X			X											X
Do	St. Xavier College for Women		X	X	X			X											X
Do	University of Chicago		X	X	X			X											X
Decatur	James Millikin University		X	X	X			X											X
Evanston	National Kindergarten and Elementary College		X	X	X			X											X
Do	Northwestern University		X	X	X			X											X
Do	Greenville College		X	X	X			X											X
Greenville	St. Procopius College		X	X	X			X											X
Lisle	Western Illinois State Teachers College		X	X	X			X											X
Macomb	Monmouth College		X	X	X			X											X
Mount Morris	Mount Morris College		X	X	X			X											X
Normal	Illinois State Normal University		X	X	X			X											X
Pearle	Bradley Polytechnic Institute		X	X	X			X											X



COLLEGE AND UNIVERSITY EXTENSION HELPS

TABLE 1.—Extension activities in educational institutions—Continued

Location	Institution	3	4	5	6	7	8	9	10	11	12	Visual instruction aids		15	16	17	18	19	
												Lantern slides	Films						Pictures
		Correspondence courses	Class instruction on campus	Class instruction on campus for extension students	Instruction by radio	Institutes, conferences, short courses	Library service	Public lectures	Home reading courses	Lantern slides	Films	Mounted	Unmounted	Publications educational in nature	Parent-teacher association service	Other club service	Community drama	Promotion of debates	
1	2																		
<b>KENTUCKY</b>																			
Barbourville.....	Union College.....		X	X							X				X				
Berea.....	Berea College.....		X	X			X										X		
Danville.....	Central College.....		X							X	X	X					X		
Georgetown.....	Georgetown College.....	X																	
Kingswood.....	Kingswood Holiness College.....		X				X	X		X	X						X		
Lexington.....	Transylvania College.....		X							X	X			X					
Do.....	University of Kentucky.....	X	X	X															
London.....	Sue Bennett Memorial College.....	X	X	X															
Louisville.....	Simmons University.....	X	X	X															
Do.....	University of Louisville.....	X	X	X															
Murray.....	Murray State Teachers College.....	X	X	X															
Richmond.....	Eastern Kentucky State Normal School.....	X	X	X			X												
Winchester.....	Kentucky Wesleyan College.....		X	X															
<b>LOUISIANA</b>																			
Baton Rouge.....	Louisiana State University.....	X	X	X							X						X		
Lafayette.....	Southwestern Louisiana Institute.....	X	X	X			X												
Natchitoches.....	Louisiana State Normal College.....	X	X	X			X	X		X	X			X					
New Orleans.....	Loyola University.....		X	X															
Do.....	New Orleans University.....		X	X			X			X	X			X					
Ruston.....	Louisiana Polytechnic Institute.....	X	X	X			X	X		X	X			X					
Pineville.....	Louisiana College.....		X	X			X	X											
Scotlandville.....	Southern University and Agricultural and Mechanical College.....		X	X															
<b>MAINE</b>																			
Farmington.....	State Normal School.....		X	X						X	X								
Machias.....	Washington State Normal School.....		X	X															



TABLE 1.—Extension activities in educational institutions—Continued

Location	Institution	3	4	5	6	7	8	9	10	Visual instruction aids					15	16	17	18	19
										Lantern slides	Films	Mounded	Unmounded	Publications educational in nature					
1	2																		
MISSISSIPPI—continued																			
Blue Mountain	Blue Mountain College		X	X				X										X	X
Clinton	Mississippi College		X	X				X										X	X
Jackson	Mississippi College		X	X				X										X	X
University	University of Mississippi	X							X										
MISSOURI																			
Canton	Culver Stockton College		X	X				X										X	X
Cape Girardeau	Southeast Missouri State Teachers College		X	X				X										X	X
Carthage	Osark Wesleyan College		X	X				X										X	X
Columbia	University of Missouri		X	X				X										X	X
Flat River	Junior College of Flat River		X	X				X										X	X
Kirkville	North East Missouri State Teachers College		X	X				X										X	X
St. Louis	St. Louis University		X	X				X										X	X
Do	Washington University		X	X				X										X	X
Springfield	Southwest Missouri State Teachers College		X	X				X										X	X
Warrenton	Central Wesleyan College		X	X				X										X	X
MONTANA																			
Billings	Eastern Montana Normal School		X	X				X										X	X
Bozeman	Montana State College		X	X				X										X	X
Dillon	Montana State Normal College		X	X				X										X	X
Helena	Intermountain Union College		X	X				X										X	X
Missoula	State University of Montana		X	X				X										X	X
NEBRASKA																			
Blair	Dana College		X	X				X										X	X
Beatrice	Midland College		X	X				X										X	X
Grand Island	Grand Island College		X	X				X										X	X



TABLE 1.—Extension activities in educational institutions—Continued

Location	Institution	3	4	5	6	7	8	9	10	Visual instruction aids				15	16	17	18	19
										Lantern slides	Films	Mounted	Unmounted					
NEW YORK—continued																		
Schenectady	Union College			X	X	X	X	X	X		X	X		X				
Syracuse	New York State College of Forestry			X	X	X	X	X	X		X	X		X				
Do.	Syracuse University		X	X	X	X	X	X	X		X	X		X				
NORTH CAROLINA																		
Chapel Hill	University of North Carolina	X	X	X	X	X	X	X	X		X	X		X				
Charlotte	Johnson C. Smith University	X	X	X	X	X	X	X	X		X	X		X				
Charlotte	Western Carolina Teachers College	X	X	X	X	X	X	X	X		X	X		X				
Durham	Davidson College			X	X	X	X	X	X		X	X		X				
Durham	Duke University			X	X	X	X	X	X		X	X		X				
Elon	Elon College			X	X	X	X	X	X		X	X		X				
Greensboro	North Carolina College for Women			X	X	X	X	X	X		X	X		X				
Guilford	State Normal School			X	X	X	X	X	X		X	X		X				
Hickory	Guilford College			X	X	X	X	X	X		X	X		X				
Raleigh	Lenoir Rhyne College			X	X	X	X	X	X		X	X		X				
Raleigh	North Carolina College of Agriculture and Engineering	X	X	X	X	X	X	X	X		X	X		X				
Salisbury	Catswba College			X	X	X	X	X	X		X	X		X				
Do.	Livingstone College			X	X	X	X	X	X		X	X		X				
Statesville	Mitchell College			X	X	X	X	X	X		X	X		X				
Wilson	Atlantic Christian College			X	X	X	X	X	X		X	X		X				
Winston-Salem	Salem College			X	X	X	X	X	X		X	X		X				
NORTH DAKOTA																		
Bottineau	North Dakota School of Forestry			X	X	X	X	X	X		X	X		X				
Ellendale	State Normal and Industrial School			X	X	X	X	X	X		X	X		X				
Fargo	North Dakota Agricultural College			X	X	X	X	X	X		X	X		X				





TABLE 1.—Extension activities in educational institutions—Continued

Location	Institution	3	4	5	6	7	8	9	10	Visual instruction aids				15	16	17	18	19	
										Lantern slides	Films	Mounted	Unmounted						Publications educational in nature
PENNSYLVANIA—con.																			
Carlisle	Dickinson College																		
Charlton	State Teachers College		X	X		X	X	X											
East Stroudsburg	do		X	X		X	X	X											
Edinboro	Messiah Bible College			X		X	X	X											
Grantsham	Seton Hill College			X		X	X	X											
Greensburg	do			X		X	X	X											
Huntingdon	Juniata College			X		X	X	X											
Immaculata	Immaculata College			X		X	X	X											
Indiana	State Teachers College			X		X	X	X											
Kutztown	do			X		X	X	X											
Lafayette	St. Vincent College			X		X	X	X											
Lewisburg	Bucknell University			X		X	X	X											
Lock Haven	State Teachers College			X		X	X	X											
Philadelphia	Drexel Institute of Art			X		X	X	X											
Do	Gratz College			X		X	X	X											
Do	St. Joseph's College			X		X	X	X											
Do	Temple University			X		X	X	X											
Pittsburgh	Carnegie Institute of Technology			X		X	X	X											
Do	Duquesne University			X		X	X	X											
Do	University of Pittsburgh			X		X	X	X											
Do	Albright College			X		X	X	X											
Reading	St. Thomas College			X		X	X	X											
Scranton	do			X		X	X	X											
Do	Marywood College			X		X	X	X											
Salisbury	Susquehanna University			X		X	X	X											
Shippensburg	State Teachers College			X		X	X	X											
Slippery Rock	State College			X		X	X	X											
State College	Washington and Jefferson College			X		X	X	X											
Washington	Waynesburg College			X		X	X	X											
Waynesburg	do			X		X	X	X											
West Chester	State Teachers College			X		X	X	X											

State	Institution	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
RHODE ISLAND	Kingston.....	X																				X				
	Providence.....																						X			
	College of Charleston.....																								X	
	Rhode Island College of Education.....																								X	
SOUTH CAROLINA	Charleston.....																								X	
	Clemson College.....	X	X																						X	
	Clemson Agricultural College.....		X																						X	
	Furman University.....	X																							X	
	Spartanburg.....	X																							X	
	Wofford College.....	X																							X	
	Wingate Junior College.....	X	X																						X	
SOUTH DAKOTA	Aberdeen.....	X																							X	
	Madison.....	X																							X	
	Mitchell.....	X																							X	
	Sioux Falls.....	X																							X	
	Do.....	X	X																						X	
	Springfield.....	X																							X	
	Southern State Normal School.....																								X	
TENNESSEE	Tennessee Wesleyan College.....		X																						X	
	University of Chattanooga.....		X																						X	
	Lincoln Memorial University.....		X																						X	
	Lane College.....		X																						X	
	Do.....		X																						X	
	Union University.....		X																						X	
	Johnson City.....		X																						X	
	East Tennessee State Teachers College.....		X																						X	
	University of Tennessee.....		X																						X	
	Knorrville.....		X																							X
	McKenzie.....		X																							X
	Memphis.....		X																							X
	Nashville.....		X																							X
	George Peabody College for Teachers.....		X																						X	
	TEXAS	Ablene.....	X																							X
		Do.....	X																							X
Alpine.....		X																							X	
Austin.....		X																							X	
Belton.....		X																							X	
Brownwood.....		X																							X	
Canon Station.....		X																							X	
College Station.....		X																							X	
Denton.....		X																							X	
Fort Worth.....		X																							X	
Georgetown.....		X																							X	
Greenville.....		X																							X	
Gainesville.....		X																							X	
Southwestern University.....		X																							X	
Wesley College.....		X																							X	
Sam Houston Teachers College.....		X																							X	
Huntsville.....		X																							X	
Kingsville.....		X																							X	
Lubbock.....		X																							X	

TABLE 1.—Extension activities in educational institutions—Continued

Location	Institution	3	4	5	6	7	8	9	10	Visual instruction aids				15	16	17	18	19
										Lantern slides	Films	Mounted	Unmounted					
			Class instruction off campus	Class instruction on campus for extension students	Instruction by radio	Institutes, conferences, short courses	Library service	Public lectures	Home reading courses	Lantern slides	Films	Mounted	Unmounted	Publications educational in nature	Parent-teacher association service	Other club service	Community drama	Promotion of debates
		2	X	X		X	X	X					X				X	X
TEXAS—continued																		
Marshall	Bishop College		X	X		X											X	X
Prairie View	Prairie View State College		X	X		X								X			X	X
Nacodoches	Stephen E. Austin State Teachers College		X	X		X								X			X	X
San Marcos	Southeast Texas State Teachers College		X	X		X								X			X	X
Sherman	Austin College		X	X		X								X			X	X
Tehuacana	Westminster College		X	X		X								X			X	X
Texarkana	Westminster College		X	X		X								X			X	X
Waco	Texarkana Junior College		X	X		X								X			X	X
Do	Baylor University		X	X		X								X			X	X
Do	Paul Quinn College		X	X		X								X			X	X
Weatherford	Weatherford College		X	X		X								X			X	X
UTAH																		
Ephraim	Snow College		X	X		X								X			X	X
Logan	Agricultural College of Utah		X	X		X								X			X	X
St. George	Dixie College		X	X		X								X			X	X
Salt Lake City	University of Utah		X	X		X								X			X	X
Do	Westminster College		X	X		X								X			X	X
VERMONT																		
Burlington	University of Vermont		X	X		X								X			X	X
Castleton	State Normal School		X	X		X								X			X	X
VIRGINIA																		
Blacksburg	Virginia Polytechnic Institute		X	X		X								X			X	X
East Radford	Radford State Teachers College		X	X		X								X			X	X
Hampton	Hampton Institute		X	X		X								X			X	X
Hamortonburg	State Teachers College		X	X		X								X			X	X

COLLEGE AND UNIVERSITY EXTENSION HELPS

Richmond..... University of Virginia Williamsburg	X	X X	X	X X	X	X	X X	X	X	X	X	X	X	X	X X	X	X	X	X																		
<b>WASHINGTON</b>																																					
Bellingham..... Washington State Normal School	X X	X			X	X												X	X																		
Ellensburg..... Pacific Lutheran College	X	X X																X	X																		
Pullman..... Washington State College	X X	X																X	X																		
Seattle..... University of Washington	X	X																X	X																		
<b>WEST VIRGINIA</b>																																					
Alderson..... Alderson Junior College	X X	X																X	X																		
Ashens..... Concord State Teachers College	X X	X X																X	X																		
Barboursville..... Morris Harvey College	X	X																X	X																		
Buckhannon..... West Virginia Wesleyan College	X X	X																X	X																		
Elkins..... Davis Elkins College	X X	X																X	X																		
Fairmont..... Fairmont State Normal School	X X	X																X	X																		
Glenville..... Glenville State Normal School	X X	X																X	X																		
Harpers Ferry..... Storer College	X X	X																X	X																		
Huntington..... Marshall College	X X	X																X	X																		
Institute..... West Virginia State College	X X	X																X	X																		
Montgomery..... New River State School	X X	X																X	X																		
Morgantown..... West Virginia University	X X	X																X	X																		
Phillippi..... Broadus College	X X	X																X	X																		
Shepherdstown..... Shepherd College State Normal School	X X	X																X	X																		
West Liberty..... West Liberty State Normal School	X X	X																X	X																		
<b>WISCONSIN</b>																																					
Beloit..... Beloit College	X	X																X	X																		
La Crosse..... State Teachers College	X	X																X	X																		
Madison..... University of Wisconsin	X	X																X	X																		
Milwaukee..... Milwaukee-Downer College	X	X																X	X																		
Do..... State Teachers College	X	X																X	X																		
Oshkosh..... do	X	X																X	X																		
Plymouth..... Missouri Home College	X	X																X	X																		
Stevens Point..... Central State Teachers College	X	X																X	X																		
<b>WYOMING</b>																																					
Laramie..... University of Wyoming	X	X																X	X																		
																		149	272	273	45	166	177	229	37	135	91	63	50	126	133	112	106	191			
<b>Total</b>																																					

## Correspondence Study Courses

More than 200 subjects, through correspondence, are offered by 150 colleges and universities. Probably more than 150,000 persons are taking these courses. Some of the outstanding advantages of study by correspondence are:

- (1) The student may advance as rapidly as time, ability, and industry will warrant. No time is wasted in waiting for others.
- (2) As all lessons are written, the student has ample opportunity for practice in written expression.
- (3) A much wider range of subjects is available to the student than through class work outside of the institution, as the latter necessitates finding a group of people who desire to study the same subjects at the same time.

In the modern university correspondence courses the assignments are clearly made and the difficulties carefully explained. The criticisms by the instructor, after reading the papers submitted by students, are usually very definite and helpful.

Of the 149 institutions reporting correspondence courses, 111 report that they render such service to persons residing anywhere; 18 report that their correspondence service is restricted to persons who reside within the State where the institution is located.

The information contained in the following paragraphs will give an idea of the wealth of the subjects offered by correspondence.

## SUBJECTS GIVEN THROUGH CORRESPONDENCE

[Locations of institutions may be found on pages 3-17. An asterisk (\*) following a paragraph indicates that all subjects in the paragraph are on high-school level; an (\*) following a paragraph indicates that all subjects in the paragraph are on graduate level; a circle (°) following a paragraph indicates that all subjects in the paragraph are offered by radio. Subjects in unmarked paragraphs are on college level.]

## ALABAMA:

*Alabama Polytechnic Institute.*—Accounting, bookkeeping, economics, education, English, foreign languages, history, home economics, mathematics, physics, religious education.

*Alabama College.*—Art, education, history, home economics, interior decoration, music, physical education, psychology, religious education, sociology.

*University of Alabama.*—Accounting, biology, chemistry, economics, education, English, geography, history, home economics, languages, mathematics, music, philosophy, political science, psychology, sociology.

## ARIZONA:

*Arizona State Teachers College.*—Commerce, education, English, history, home economics, languages, mathematics, political science, science, sociology.

*Phoenix Union High School (Junior College).*—All high-school subjects,\* except those requiring laboratory work, and industrial work.

*University of Arizona.*—Agriculture, astronomy, economics, education, electrical engineering, English, geology, history and political science, home economics, music, philosophy, psychology.

## ARKANSAS:

*Arkansas State Teachers College.*—High-school subjects.\*

Agriculture, biology, drawing, education, English, geography, history, mathematics, mechanical drawing, sciences, social science.

*University of Arkansas.*—High-school subjects.\*

Civil engineering, drawing, economics, educational administration, elementary education, secondary education, educational principles, electrical engineering, English, French, German, history, home economics, horticulture, Italian, journalism, Latin, mathematics, mechanical engineering, music, philosophy, political science, psychology, rural economics and sociology, sociology, Spanish, zoology.

*State Agricultural and Mechanical College.*—English, history, mathematics, pedagogy, science, sociology.

#### CALIFORNIA:

*University of California.*—More than 200 subjects under the following general topics: Accounting, art, astronomy, automobile study, bookkeeping, chemistry, civil engineering, civics, commercial law, economics, education, electrical engineering, English composition, English literature, freehand drawing, French, geography, German, Greek, history, hydraulics, instrumental drawing, Italian, Latin, law, mathematics, mineralogy, mechanical drawing, mechanics, music, parliamentary law, philosophy, physics, political science, radio, retail-store management, Russian, Spanish, surveying, stenography, thermodynamics, typewriting, zoology.

*University of Southern California.*—Business law, real estate.

Short-story writing, studies in modern American literature, business law.°

Semicentennial series on contemporary civilization.°

#### COLORADO:

*Colorado State Teachers College.*—Biological sciences, chemistry, commercial education, educational psychology, foreign languages, geography, history, home economics, literature and English, mathematics, music, physics, physiography and geology, political science, sociology.

*Western State College.*—Biology, chemistry, education, English, foreign languages, geography, history and political science, household arts, industrial arts, mathematics, music, physics.

*University of Colorado.*—Courses in the college of arts and sciences, college of education, college of engineering, college of music, school of business administration.

#### DISTRICT OF COLUMBIA:

*Gallaudet College.*—Education.

#### FLORIDA:

*University of Florida.*—Agriculture, commercial subjects, English, French, history, Latin, mathematics, Spanish.\*

Agriculture, art, business administration, chemistry, economics, education, English, French, German, history, journalism, mathematics, sociology, Spanish.

#### GEORGIA:

*Americus Normal College.*—College algebra, composition and rhetoric, history of English literature, introduction to education, tests and measurements.

*Georgia State College for Men.*—Algebra, English, history.\*

Education, English, history, psychology.

*South Georgia Training College.*—American history, civics, economics, literature and life.\*

Child psychology, classroom management, development of the novel, English, history, history of education, moral and ethical education, rural school problems, sociology, tests and measurements, trigonometry.

*University of Georgia.*—Many subjects given under the following general topics: Commerce, education, English, history, journalism, Latin, mathematics, philosophy, sociology, Spanish.

## ILLINOIS:

*Bradley Polytechnic Institute.*—Art, business administration, drafting, economics, education, English, history, home economics, library, mathematics, political science, sociology, woodworking.

*Illinois State Normal University.*—American history, economics, education, geography, grammar, history, methods, Shakespeare, language, literary types, methods of teaching, science of discourse.

*Mount Morris College.*—Education, history, religion.

*Rosary College.*—English composition, mathematics, medieval history.

*University of Chicago.*—More than 200 subjects in correspondence are given under the following general topics:

Accounting, drawing, English, French, German, history, Latin, mathematics, physics, physiography, Spanish.\*

Anthropology, art, astronomy, botany, chemistry, Christian theology and ethics, church history, commerce and administration, comparative literature, comparative religions, education, English language and literature, geology and paleontology, Germanic language and literature, Greek language and literature, history, hygiene and bacteriology, Latin language and literature, library science, mathematics, New Testament and early Christian literature, oriental languages and literature, pharmacology, physics, political science, preaching and parish ministry, religious education, Romance languages and literature, social service administration, sociology.

*University of Illinois.*—Several subjects in correspondence are given under the general topics as follows: Agriculture, ceramic engineering, home economics.

## INDIANA:

*Indiana State Teachers College.*—Commerce, education, foreign languages, grammar grade courses, industrial arts, mathematics, music, primary courses, science, social studies.

*Indiana University.*—Commercial subjects, English, French, German, history and civics, Latin, mathematics, science, Spanish.\*

Astronomy, commerce, comparative philology, economics and sociology, education, English, fine arts, geology, German, history, home economics, hygiene, journalism, Latin, mathematics, music, physical education, physiology, political science, psychology and philosophy, probation officer work, radio, Romance languages, rural education.

*Oakland City College.*—Education, English, home economics, mathematics, social studies.

## IOWA:

*Iowa State College.*—Art, commercial education, education, English, German, government, history, home economics, mathematics, rural education.

*Parsons College.*—Agriculture, business English, classical languages, English, history, home economics, mechanical drawing, modern languages, mathematics.

*Upper Iowa University.*—American history, history of education, literary masterpieces, religious education, school management.

*University of Iowa.*—Botany, chemistry, child welfare, economics and commerce, English, German, Greek, history, journalism, Latin, mathematics, music, mechanical drawing, philosophy and psychology, physical education, political science, Romance languages, sociology.

## KANSAS:

*Heaton College and Bible School.*—Algebra, American history, Bible history, biblical geography, English, German, Latin, Spanish.\*

Synthetic Bible study.

*Kansas State Agricultural College.*—Agriculture, drawing, economics, English, history and civics, home economics, mathematics, science.\*

Agriculture, home economics, engineering, general science.

*Kansas State Teachers College (Emporia).*—Agriculture, commerce, English, geography, history and civics, Latin, mathematics, physics, physiology, psychology.\*

Art, administration, agriculture, biology, commerce, English, geography, health education, history and government, kindergarten-primary education, Latin, manual arts, mathematics, modern languages, physics, psychology, sociology and economics.

*Kansas State Teachers College (Hays).*—Electives, English, mathematics.\*

Agriculture, applied art, biological sciences, business administration, education, English, history and social sciences, home economics, Latin, mathematics, mechanic arts, music, philosophy.

*Tabor College.*—Algebra, English, general sciences, history, physiography, psychology.\*

*University of Kansas.*—Civics, English, French, German, history, Latin, mathematics.\*

Astronomy, bacteriology, chemistry, economics, education, engineering, English, entomology, geology, German, history, home economics, journalism, Latin, mathematics, music, philosophy, physical education, physics, physiology, political science, Romance languages, sociology, Spanish.

#### KENTUCKY:

*Murray State Teachers College.*—Agriculture, education, English, geography, history, mathematics, science.\*

Agriculture, art, education, English, French, geography, history, Latin, mathematics.

*Simmons University.*—English, general biology, history.\*

Education, English, history, political sciences, psychology.

*Sue Bennett Memorial College.*—Economics, education.

*University of Kentucky.*—Civics, English, German, history, Latin, mathematics, rural school management, science.\*

Botany, commerce, education, English, geology, German, Greek, history, hygiene, journalism, mathematics, mining, music, political science, Romance languages.

#### LOUISIANA:

*Louisiana Polytechnic Institute.*—Agriculture, commerce, education, English, French, history, home economics, hygiene and sanitation, Latin, Spanish.

*Louisiana State University.*—Algebra, geometry.\*

Agriculture, astronomy, botany, comparative literature, economics, education, English, engineering, entomology, farm mechanics, French, geology, German, government, history, journalism, Latin, mathematics, music, physics, poultry husbandry, psychology, Romance languages, sociology, Spanish, zoology.

*Southwestern Louisiana Institute.*—Agriculture, art, business education, commercial education, French, geography, history and political science, home economics, Latin, physics, psychology of education, Spanish.

*Louisiana State Normal College.*—Biology, education, English, French, history, Latin, mathematics, political science, social sciences, sociology, Spanish.

#### MASSACHUSETTS:

*Clark University.*—Courses in teaching economic geography.

*Massachusetts Agricultural College.*—Apple growing, commercial floriculture, farm management and accounts, home flower gardening, poultry husbandry (six courses), soils and soil fertility.

*State Normal School (North Adams).*—American history, arithmetic, civics, educational psychology, geography, grammar, history of education, hygiene, language, literature, nature study, rural school management, sewing.



*The Division of University Extension of the Massachusetts State Department of Education* offers work in 175 subjects included in the following general topics: Civil service, commercial and management, drawing, economics, education, electrical engineering, history and government, highway and hydraulic textiles, home making and art, languages, mathematics, mechanical engineering, natural science, review courses for college examinations, special industrial courses, structural courses.

**MICHIGAN:**

*Central State Teachers College.*—A large variety of subjects, all on college level, may be taken by correspondence.

*Michigan State Normal College (Ypsilanti).*—Chemistry, education, English, fine arts, geography, history and social sciences, home economics, industrial arts, Latin, mathematics, modern languages, mythology, natural sciences, penmanship, and physical education.

**MINNESOTA:**

*State Teachers College (St. Cloud).*—The curriculum, individual differences.

*University of Minnesota.*—English and mathematics.\*

Art, astronomy, business, child welfare, economics, education, engineering, English, Esperanto, geology, German, Greek, history, hygiene, interior decorating, journalism, Latin, library training, mathematics, music, personnel administration, physics, political science, psychology, Romance languages, Scandinavian, social science, sociology.

**MISSISSIPPI:**

*University of Mississippi.*—Bible, botany, chemistry, commerce, economics, education, English, geology, Greek, history, home economics, Latin, mathematics, philosophy and ethics, physics and astronomy, political science, sociology, Spanish, speech.

**MISSOURI:**

*Northeast Missouri State Teachers College.*—Commerce, education, health and physical education, language and literature, social sciences.

*Osark Wesleyan College.*—Education, educational psychology, English literature, modern drama, physical education and hygiene, public-school music methods, secondary education.

*Southeast Missouri State Teachers College.*—Agriculture, business, commerce, English, geography, history, language, mathematics, music, science.\*

Agriculture, education, English, history, music.

*Southwest Missouri State Teachers College.*—Agriculture, art, commerce, education, English, foreign languages, history, home economics, mathematics, science, speech.

*University of Missouri.*—Agriculture, algebra, economics, English, geometry, German, history, Latin, trigonometry.\*

Agriculture, Bible, education, English, French, German, history, home economics, horticulture, mathematics, physics, physical education, political science, Romance languages, rural sociology, sociology, Spanish, zoology.

**MONTANA:**

*Intermountain Union College.*—Education, history, sociology.

*State University of Montana.*—Biology, business administration, economics and sociology, education, English, foreign languages, history and political science, home economics, Latin, mathematics, music, psychology.

*Montana State Normal College.*—Agriculture, American government, American history, economics, education, educational psychology, geography, history, literature, mathematics, principles of education, school management, tests and measurements.

## NEBRASKA:

*Midland College.*—Algebra, astronomy, education, English, geometry, hygiene, religious education, Spanish.

*Nebraska Wesleyan University.*—Applied sociology, education for citizenship, educational and vocational guidance, history of education, introduction to ethics, literature of New and Old Testament, National Government, twentieth-century schools.

Noncollegiate courses offered but not for credit.\*

*Peru State Teachers College.*—Art, biology, commerce, economics, English, education and psychology, geography, history, hygiene, manual arts, mathematics.

*University of Nebraska.*—Agriculture, ancient languages, business management, chemistry, commercial arts, economics, education, engineering, English, fine arts, geography, geology, history, home economics, philosophy, physical education, political science, Romance languages, sociology, zoology.

## NEW JERSEY:

*Rutgers University.*—Business economics, business English, civics, English, history, mathematics, mechanical drawing, plan drawing, shop trigonometry.\*

Business law, elements of electricity, elements of structure, engineering, German, interior decoration, literature, mathematical advertising, practical mechanics, public speaking, retail selling, Spanish.

## NEW MEXICO:

*New Mexico State Teachers College.*—Civics, English, history, mathematics, Spanish.\*

Art, civics, education, English, history, literature, mathematics, home economics, political science, social science.

*University of New Mexico.*—Anthropology, civil engineering, economics, education, English, geology, history, mathematics, psychology, Spanish.

## NEW YORK:

*Columbia University.*—Subjects in the 4-year high-school course.\*

Accounting, actuarial mathematics, agriculture, algebra, American government, American history, American literature, applied grammar, astronomy, banking, Biblical literature, biology, bookkeeping, botany, boy scouting, budgets, business administration, business English, business law, business mathematics, business organization, calculus, chemistry, child psychology, children's literature, Christianity (history of), classics, community organizations, composition (dramatic, elementary English, college French, Italian, Latin prose, lyric poetry, public speech, Spanish), contemporary novel, cost accounting, descriptive geometry, drafting, drama, drawing and painting, economics, economic geography, economic history of the United States, English, English literature, essay writing, European history, finance, French, geometry, German, government, grammar, Greek, harmony, history (American Christian Church, European), investments, Italian, juvenile story writing, Latin, library science, literature (American, Biblical, classical, comparative, contemporary, English, French, Greek, Italian, juvenile, Latin, Spanish), magazine article writing, manufactured gas, marketing, mathematics, mechanical drawing, personnel administration, philosophy, photoplay composition, physics, poetry, politics, Portuguese, psychology, psychology in business, psychology of childhood, public health, public speaking, religion, Romance languages, secretarial studies, short-story writing, slide rule, sociology, Spanish, structural drafting, typewriting, world literature.

*Keuka College.*—Bible study.\*

Education, history.

*New York State College of Agriculture.*—Agriculture, home making, rural schools.

## NORTH CAROLINA:

*North Carolina State College of Agriculture and Engineering.*—Agriculture, economics, education, English, engineering, history, mathematics, modern languages, sociology.

*University of North Carolina.*—Commerce, economics, education, English, geology, Germanic languages, history and government, journalism, Latin, mathematics, music, philosophy, psychology, public welfare, Romance languages, rural social science.

*Weaver College.*—Administration of religious education, college grammar.

*Western Carolina Teachers College.*—American history, educational psychology, English literature, juvenile literature, principles of geography, rural-school problems, school hygiene, theory of play.

## NORTH DAKOTA:

*North Dakota Agricultural College.*—Business subjects in regular high-school courses, practical farming.\*

Community programs, floriculture, teachers' agriculture, teaching methods.

*State Normal and Industrial School.*—Ancient history, modern history, sociology.\*

Agriculture, American history, economics, hygiene and sanitation, psychology, sociology.

*State Teachers College (Mayville).*—Art, commerce, education, English, history, languages, psychology, rural education, sciences, social sciences.

*State Teachers College (Valley City).*—Agriculture, educational psychology, English, foreign languages, history, physical education, social science.

*State Teachers College (Minot).*—Any course given in residence by the college (when requested by a sufficient number).

*University of North Dakota.*—Commercial courses, English, foreign languages, mathematics, science, social science.

## OHIO:

*Ohio University.*—Agriculture, art, biology, chemistry, civil engineering, commerce, economics, education, English, geography, geology, history, home economics, industrial education, kindergarten education, music, philosophy, physical education, physics and electrical engineering, political science, psychology, sociology.

*St. John's University.*—Algebra, American history, civics, commerce, English; general history, geometry, Latin.\*

American history, current literature, educational tests, English composition, history of education.

*St. Xavier College.*—Latin, six courses.

## OKLAHOMA:

*Catholic College of Oklahoma.*—Agriculture, ancient history, English, English history, modern history.

*Central State Teachers College.*—Courses on college level.

*East Central State Teachers College.*—Biology, English, history, mathematics.\* Agriculture, art, economics, education, English, foreign languages, history, home economics, manual arts, mathematics, sociology.

*Northeastern State Teachers College.*—Agriculture, art, business education, education, English, history and government, home economics, industrial arts, Latin, mathematics, modern foreign languages, music, physical science, psychology, religious education, sociology and economics.

*Oklahoma Agricultural and Mechanical College.*—Agriculture, economics, English, history, mathematics, physics.\*

Agriculture, commerce, education, engineering, home economics, science and literature.

*University of Oklahoma.*—Agriculture, bookkeeping, English, French, government, history, Latin, mathematics, shorthand, typing.\*

Accounting, agriculture, astronomy, bookkeeping, business law, education, English, engineering, fine arts, geography, government, Greek, home economics, Latin, literature, mathematics.

OREGON:

*University of Oregon.*—Biology, botany, drawing, economics, education, English and literature, geology, health education, history, mathematics, modern languages, physics, physiology, psychology, sociology.

PENNSYLVANIA:

*Messiah Bible College.*—Bible course, bookkeeping, economics, education, English literature, ethics, history, home nursing, missions, penmanship, psychology typing.

*Pennsylvania State College.*—Agriculture, ceramics, economics, education, English, geography, geology, German, history, home economics, Latin, mathematics, nature education, philosophy, psychology, public-school art, Romance languages, rural education, zoology.

SOUTH DAKOTA:

*Eastern State Teachers College.*—Education and training, elementary education, English language and literature, foreign language, mathematics, secondary education, social science.

*Northern Normal and Industrial School.*—English language and literature, history, Latin, shorthand and typewriting.\*

Commerce, education, English language and literature, geography, German, history, hygiene, Latin, physiology, psychology, sociology.

*Siodx Falls College.*—Education, English, languages, mathematics, psychology, science, social science.

*Southern State Normal School.*—Education, English, history, languages, mathematics.

*University of South Dakota.*—Arts and sciences, business administration, education, music.

TENNESSEE:

*Bethel College.*—Bible, dramatic art, economics, elementary education, government, history of education, Latin, music, principles of education, psychology, recent European history, romanticism, sociology.

*Lane College.*—Education, English, religion.

*University of Tennessee.*—Practically all secondary-school subjects.\*

Accounting, agricultural economics, business finance, business law, economics, education, English, factory management, French, geography, history, home economics, hygiene, industrial education, machine design, marketing, mathematics, mechanical drawing, mechanics, philosophy, psychology, sociology, Spanish, transportation. Vocational courses, including agriculture, drawing, English, electrical engineering, heating and ventilating engineering, mathematics, mechanical engineering, refrigeration engineering, steam engineering.

TEXAS:

*Abilene Christian College.*—Bible, economics, education, English, geography, history, home economics, Latin, mathematics, psychology, sociology, Spanish.

*Baylor College for Women.*—Education, English, French, German, Greek, Latin, mathematics, music, political economy, psychology, religious education, Spanish.

*Howard Payne College.*—Biblical literature, economics, education, English, French, government, mathematics, sociology, Spanish.

*Sam Houston State Teachers College.*—Agriculture, biology, business administration, education, English, French, geography, history, mathematics, Spanish.

*Simmons University.*—Education, English, history, psychology.

*Southwestern University.*—Bible and religion, education, English, French, geology, German, history, Latin, mathematics, philosophy and psychology, physics, sociology and economics, Spanish.

*Sul Ross State Teachers College.*—Commerce, education, English, French, geography, government, industrial education, mathematics, Spanish.

*Texas College of Arts and Industries.*—Economics, education, English, French, geography, history, Latin, mathematics, sociology, Spanish.

*Texas Technological College.*—All subjects given in residence in high-school\* courses except laboratory science.

Agriculture, biology, chemistry, economic and business administration, education, English, French, German, government, history, home economics, Latin, mathematics, music, physics, Spanish.

*Texas Woman's College.*—Bible, biology, education, English, history, mathematics, Romance languages.

*University of Texas.*—Algebra, American literature, bookkeeping, business administration, English history, English literature, Esperanto, geometry, history, journalism, trigonometry.\*

Anthropology, applied mathematics, Bible, business administration, economics, education, engineering, English, French, geology, German, government, Greek, history, Italian, journalism, Latin, philosophy, physics, psychology, public speaking, pure mathematics, sociology, Spanish.

*West Texas State Teachers College.*—English, history, mathematics.\*

Agriculture, art, biology, chemistry, commerce, economics and government, education, English, geography, German, history, home economics, Latin, mathematics, music, physics, physical education.

#### UTAH:

*Agricultural College of Utah.*—High-school courses.\*

Agriculture, education, English, entomology, geology, history, home economics, horticulture, irrigation and drainage, mechanic arts, modern psychology, public health and bacteriology.

*Dixie College.*—Algebra, American history, domestic art, English literature, general literature, geometry.\*

American literature, educational administration, educational psychology.

*University of Utah.*—Biology, English, history and civics, mathematics.\*

Architecture, art, aviation, botany, business chemistry, economics, education, English, engineering, geology, history, home economics, modern languages, music, philosophy, physical education, political sciences, sociology, speech, western history.

#### VIRGINIA:

*Radford State Teachers College.*—Several professional courses carrying college credit offered when requested.

*University of Virginia.*—Economics, education, English, government, mathematics, psychology, sociology.

#### WASHINGTON:

*Bellingham State Normal School.*—American history, English geography, home economics, industrial arts, science, social science, typewriting.

*State College of Washington.*—Economic science, education, English, foreign languages, hygiene, manual arts, mathematics, physics, politics, psychology, secretarial science, sociology.

## WEST VIRGINIA:

*Alderson Junior College.*—American history, educational psychology, freshman English, history, introduction to education, methods in history.

*Concord State Teachers College.*—Agriculture, economics, education, English, geography, geology, history, political science, sanitation, sociology.

*Fairmont State Normal School.*—Education, English, history, Latin, mathematics, science, sociology.

*Glenville State Normal School.*—Economic zoology, educational psychology, English, human geography, personal hygiene, technique of teaching, United States history.

*Marshall College.*—Commerce, education, geography, history, Latin, physical education, Spanish.\*

*New River State School.*—Agriculture, economics, English, history, mathematics.\*

*Shepherd College State Normal School.*—Child psychology, educational psychology, English literature, general agriculture, geography, health and hygiene, rural education.

*Storer College.*—Teacher-training courses, vocational agricultural courses.

*West Liberty State Normal School.*—Art, education, geography, health education, home economics, literature, mathematics, psychology, school management, short story, sociology.

*West Virginia State College.*—Introduction to teaching, principles of teaching, tests and measurements.

*West Virginia University.*—Anthropology, astronomy, botany, business education, chemistry, drama, economics, education, engineering, English language and literature, history, home economics, hygiene of maternity and infancy, journalism, mathematics, music, navigation, nursing, political science, psychology, Romanic language and literature, Scandinavian language and literature, sociology and literature.

## WISCONSIN:

*State Teachers College (Milwaukee).*—Algebra I and II.\*

Agriculture, American history, American poets, economics, education, English, investigations in teaching arithmetic, history and reading, kindergarten-first grade curriculum, mathematics, organization of primary school, philosophy of education, political science, rural economics and sociology.

*University of Wisconsin.*—More than 400 subjects under the following general topics: Astronomy, botany, business, chemistry, drawing (mechanical), economics, education, engineering, English and comparative literature, French, general science, geology and geography, German, Greek, health, Hebrew, history, home economics, industrial arts, Italian, Latin, library methods, mathematics, mechanic meteorology, music, pharmacy, philosophy, physical education, physics, play and recreation, political economy, political science, psychology, publicity, pulp and paper manufacture, railway engineering, roads and pavements, sociology, Spanish, speech, surveying, teachers' review courses.

Bookkeeping, chemistry, English, French, general science, German, Greek, history, Italian, Latin, library methods, mathematics, physics.\*

## WYOMING:

*University of Wyoming.*—Agriculture, botany, commerce, education, English, history, home economics, mathematics, modern languages, political economy, political science, psychology.

Commercial, English, Latin, mathematics, social science.\*

TABLE 2.—Enrollment of extension students, 1928-29, reported by colleges and universities

State	Institution	Correspondence students						Extension class students						Per cent of cost of extension service borne by extension students			Extension service available to persons residing outside of the State		
		Enrollment			Number completing work undertaken 1928-29			Enrollment			Number completing work undertaken 1928-29			Total	Correspondence	Class extension	Radio		
		Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total						
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
	2																		
ALABAMA																			
	Alabama Polytechnic Institute.....	49	63	112	35	47	82	161	662	823	143	573	716	76	X	X			
	Birmingham-Southern College.....							119	313	432	105	308	413	100					
	Daphne State Normal School.....									55									
	Jacksonville State Teachers College.....									614			614	100					
	Marion Judson College.....							2	10	12	2	9	11						
	Montevideo Alabama College.....							43	280	323	42	216	258	40	X				
	Montgomery Women's College of Alabama.....							20	20	20			20	100					
	Troy State Teachers College.....							40	318	356			356	70					
	Tuskegee Normal and Industrial Institute.....							51	63	114			114						
	University of Alabama.....	330	692	1,022	297	580	877	330	1,556	1,886	313	1,250	1,563	41	X	X			
ARIZONA																			
	Arizona State Teachers College.....	22	74	96				1	6	7									
	Phoenix Union High Schools.....							811	954	1,765			1,300		X	X			
	Gila College.....							25	80	105	15	40	55	100	X	X			
	University of Arizona.....	289	735	1,024	54	265	319	44	222	266	40	189	229	85	X				
ARKANSAS																			
	Henderson State Teachers College.....									40									
	Alabama State Teachers College.....									3,165			2,900	90	X	X			
	University of Arkansas.....									1,420			1,414	54	X	X			
	Fayetteville Jonesboro College.....									181			181	100	X	X			
	State Agricultural and Mechanical College.....	81	112	193	45	63	108	11	19	30	11	19	30	100					

CALIFORNIA

Arvin.....	156	1	42	156	1	28	29	
Bakersfield.....	43		38,583	43		34,117	87	X
Berkeley.....	2,337	132	492	624	124	477	15	
Fresno.....	5,805	472	415	887				
Fullerton.....		1	113	114			100	X
Kenilth.....		3,625	3,886	7,311			100	
Los Angeles.....	152	24	176					
Modesto.....		65	137	192				
Ontario.....			1,202					
Redlands.....				7		23	30	
Riverdale.....				37		36	73	2
Riverside.....				73		755	828	
Sacramento.....				4		13	17	5
San Bernardino.....				16		249	245	
San Diego.....		16	242	258				
State Teachers College.....		40	110	150			90	X
St. Ignatius College.....		226	200	435		13	30	
Santa Maria Union High School and Junior College.....								

COLORADO

Alamosa.....	740	820	1,560					
Boulder.....		1,463	765	1,553			880	92
Denver.....		106	624	730		106	624	730
Greeley.....	286	1,428	242	1,389	1,631	444	2,220	2,664
Gunnison.....	25	193	218	7	77	84	9	124
Western State College.....								
State Normal School.....							35	35
Yale University.....							614	
Willamantic.....								20
University of Delaware.....				9	24	33	7	30
Gallandet College.....	1	1	2					

CONNECTICUT

Danbury.....								
New Haven.....								
Willamantic.....								
University of Delaware.....								

DELAWARE

Newark.....								
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DISTRICT OF COLUMBIA

Washington.....	1	1	2					
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FLORIDA

Gainesville.....	701	1,501	2,262					
Lakeland.....								
University of Florida.....				322	1,822	2,144		1,994
Southern College.....				4	28	32	2	23
Americus Normal College.....								75
Georgia State Teachers College.....								80
University of Georgia.....	5	15	20	3	17	20	3	100
Morris Brown University.....	1	51	52	1	30			100
Georgia School of Technology.....			697	601		1,215		72
					43	43	2	1,000
								75

GEORGIA

Americus.....								
Athens.....								
De.....								
Atlanta.....								
De.....								





TABLE 2.—Enrollment of extension students, 1928-29, reported by colleges and universities—Continued

State	Institution	Correspondence students						Extension class students						Extension service available to persons residing outside of the State			
		Enrollment			Number completing work undertaken 1928-29			Enrollment			Number completing work undertaken 1928-29			Percent of cost of extension service borne by extension students	Correspondence	Class extension	Radio
		Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
GEORGIA—continued																	
	South Georgia Training College.....	50	75	125	40	70	110			47				47	100	X	
	Piedmont College.....	12	26	38	9	19	28								100		
	Emory University.....									356				356	100		
	Georgia State College for Men.....	21	81	102	18	76	94							100	X		
HAWAII																	
	Territorial Normal and Training School.....							115	810	926	110	796	906	67			
	University of Hawaii.....							289	335	624	160	152	312	100			X
	University of Idaho.....	175	325	500	160	240	400	2	38	40			40	100	X		
ILLINOIS																	
	American College of Physical Education.....							3	18	21	2	12	14	50		X	
	Armour Institute of Technology.....							1,400	651	1,997	1,200	400	1,600	35			
	Lewis Institute.....							80	840	920				65	X		
	Loyola University.....	80	870	950				3	11	14							
	North Park College.....																
	St. Xavier College for Women.....								136	136			130			X	
	University of Chicago.....	2,540	3,679	6,225			2,777							100	X		
	Northwestern University.....							4,988	1,491	6,459	11	31	42	100	X		
	James Milliken University.....							11	31	42			42	100			
	National Kindergarten and Elementary College.....												99				X

	12	6	18	106	7	8	1	7	8	100	X	
Greenville College	12	6	18	106	404	700	100	494	100	100	X	
Western Illinois State Teachers College	56	49	105	80	80	80	71	375	416	70	X	
Mount Morris College												
Illinois State Normal University												
Bradley Polytechnic Institute												
Rosary College												
<b>INDIANA</b>												
Bloomington	762	1,254	2,016	532	737	1,269	1,873	7,629	9,502	4,411	6,734	8,145
Danville								232	467	225	225	451
Evansville								100	336	75	225	300
Hanover College								79	151	230	71	136
Indianapolis								61	741	802		
Do								1	107	108	1	102
Muncie	161	244	405	126	201	327	283	595	878	731	100	100
Oakland City	79	104	183	15	65	80	92	63	155	91	59	150
Richmond	5	6	11				5	6	11	6	6	11
Terre Haute	117	315	432	46	141	187	738	1,408	2,146	676	1,285	1,961
Vincennes							11	12	23	11	12	23
<b>IOWA</b>												
Ames	24	1	25				864	50	934			
Cedar Falls	70	246	316	63	210	273	20	327	346	19	301	320
Clinton								15	15			
Davenport							20	95	115			
Dubuque								110	110			
Do								46	46			
Fayette	20	35	55	10	9	19						
Fairfield												
Forest City												
Low City	749	1,501	2,250	495	989	1,483	16	54	70	16	54	70
Sioux City												
<b>KANSAS</b>												
Emporia	121	741	862	99	495	694	58	319	377	25	150	175
Hays	203	666	869	107	608	715	6	8	14			
Hillsboro	1	2	3	5	6	11	9	11	20	8	11	19
Hesston	13	13	26	4	12	16	9	11	20	20	19	100
Lawrence	626	759	1,665	276	490	766	113	427	540	90	309	399
McPherson							5	41	46	2	37	39
Manhattan	374	434	808	458	606	1,064	5	18	23	5	18	23
Salina												
Winfield							26	52	78	22	35	57
<b>KENTUCKY</b>												
Barbourville												
Danville												
Lexington	270	656	826				452	1,396	1,838			
Union College												
Centre College							3	26	20			
University of Kentucky												

TABLE 2.—Enrollment of extension students, 1928-29, reported by colleges and universities—Continued

State	Institution	Correspondence students						Extension class students						Extension service available to persons residing outside of the State			
		Enrollment			Number completing work undertaken: 1928-29			Enrollment			Number completing work undertaken: 1928-29			Correspondence	Class extension	Radio	
		Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
KENTUCKY—contd.																	
	Sue Bennett Memorial School.....	2	1	3				4	4	8				100	X		
	Simmons University.....	3	6	9	3	6	9	2	13	15	1	12	13	100		X	
	University of Louisville.....	200	409	609	200	304	504	76	225	301	76	225	301	100	X	X	
	Murray State Teachers College.....			1,103						433				100	X		
	Eastern Kentucky State Normal School.....													100			
	Kentucky Wesleyan College.....													100			
LOUISIANA																	
	Louisiana State University.....	175	352	527				411	822	1,233	38	72	110	63	X	X	
	Southwestern Louisiana Institute.....	136	547	683	71	233	304	22	158	180	10	82	92	100			
	New Orleans University.....							25	280	305	17	248	265				
	Loyola University.....	49	321	370	25	170	195	26	118	144	19	95	114	100	X		
	Louisiana State Normal School.....												24	100			
	Louisiana College.....									117				100	X		
	Louisiana Polytechnic Institute.....			126				3	100	103	3	88	91	100			
	Southern University and Agricultural and Mechanical College.....																
MARYLAND																	
	College of Notre Dame of Maryland.....							64									
	Morgan College.....							33	79	112	2	9	11	80		X	
	Johns Hopkins University.....							2,120	2,171	4,291				100		X	
	Washington College.....							45	5	50				13		X	
	Chestertown.....							253	40	293	243	37	270	10			X
	College Park.....							19	87	106	17	83	100	50			
	University of Maryland.....																
	Western Maryland College.....																

MASSACHUSETTS

Amherst.....	74	29	103	39	13	52	3	1	308	1,765	1	4	1	4	1	4	100	X	X	X	X
Boston University.....				240	22	24	48	155	203	1,383	178	565	743								
Harvard University.....	8	110	118	2																	
North Adams.....																					
Northampton.....																					
Westfield.....																					
Worcester.....																					
Do.....																					

MICHIGAN

Ann Arbor.....																					
Detroit.....																					
Do.....																					
Mount Pleasant.....																					
Port Huron.....																					
Ypsilanti.....																					

MINNESOTA

Bemidji.....																					
Duluth.....																					
Minneapolis.....	1,317	1,517	2,834																		
Moorhead.....																					
St. Cloud.....																					
Winona.....																					

MISSISSIPPI

Alcorn.....																					
Blue Mountain.....																					
Clinton.....																					
University.....																					

MISSOURI

Cape Girardeau.....																					
Carthage.....																					
Columbia.....																					
Fat River.....																					
Kirksville.....																					
St. Louis.....																					
Do.....																					
Springfield.....	125	329	454	123	291	414	254	627	881	241	606	2,847	100	X	X	X	X	X	X	X	X

MONTANA

Billings.....																					
Dillon.....																					
Helena.....																					
Missoula.....																					

TABLE 2.—Enrollment of extension students, 1928-29, reported by colleges and universities—Continued

State	Institution	Correspondence students			Extension class students			Per cent of cost of extension service borne by extension students	Extension service available to persons residing outside of the State								
		Enrollment		Number completing work under-taken 1928-29	Enrollment		Number completing work under-taken 1928-29		Correspondence	Class extension	Radio						
		Men	Women		Men	Women						Total					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>NEBRASKA</b>																	
	Midland College.....						5	7	30	37	7	29	36	100	X		
	Grand Island College.....	2	5	7	1	4	5	7	22	24	2	22	24	100	X		
	Nebraska Wesleyan University.....	4	15	19	4	13	17	22	28	50	5	5	10	67		X	
	McCook Junior College.....							18	153	171	18	120	138	100	X	X	
	Creighton University.....							8	56	64				100	X	X	
	University of Omaha.....	12	64	76										100	X		
	Peru State Teachers College.....																
<b>NEW HAMPSHIRE</b>																	
	University of New Hampshire.....				8			8	30	38	8	30	38				
<b>NEW JERSEY</b>																	
	Panzer College of Physical Education.....				3			3	14	17							
	New Jersey State Normal School.....				80			80	230	310				7		X	
	Rutgers University.....	1,668	71	1,739	84	7	91	1,891	2,365	4,256	1,026	2,104	3,730	58	X	X	
	Paterson State Normal College.....				17			17	466	483	12	265	307				
	State Teachers College.....				50			50	222	272	16	100	116				
	New Jersey State Teachers College.....									2,544			1,377				
	Upper Montclair.....																
<b>NEW MEXICO</b>																	
	University of New Mexico.....	22	68	90	10	37	47	55	28	83	55	25	80		X		
	Silver City.....	92	446	538	56	298	354	23	61	84	23	58	81	50	X		
	State College.....				7			7	19	26	6	8	14	100			
	New Mexico College of Agriculture and Mechanical Arts.....																

NEW YORK

Albany	31	523	554	6	489	100			
Alfred University	8	6	5	6	5	100			
State Teachers College			655		75			X	
Buffalo			1,411		194	100			
Do			244	42	51	100			
Elmira College	52	192	52	152	52	100			X
State Normal School			55			100			
Genesee State Normal School									
Ithaca									
Keuka Park									
New York	477	18	18	15	15	100			X
College of Mount St. Vincent			300					X	
Columbia University	5,200	4,422	9,718		7,188			X	
Hunter College of City of New York	5,701	10,984	11,685		48			X	
New York University	2,590	1,316	3,906		85			X	
University of City of New York	2,783	1,177	3,910					X	
Do			30						
Russell Sage College	22	114	135			100			
State Normal School	487	978	1,465	436	943	100			
Rochester	6	28	33	5	28	33		X	
St. Bonaventure			8,332		3,332	100		X	
Syracuse University									

NORTH CAROLINA

Chapel Hill	314	1,168	1,482		1,452			X	
Charlotte	8	93	101	8	93	18		X	
Cullowhee	250					100		X	
Davidson			20			100			
Elizabeth City	14	178	192			600			
Greensboro			730			85			
Hickory									
Raleigh	594	72	666	582	64	100		X	
North Carolina State College of Agriculture and Engineering			407					X	
Catawba College	51	356	47			100			
Livingston College			60			100			
Atlantic Christian College			243	20	300	100			
Salem College	25	218							

NORTH DAKOTA

Bottineau	13	19	32	13	19	32			
Ellendale	23	20							
Fargo	428	99	527	55	75			X	
Grand Forks	149	188	337	164				X	
Maryville	17	69	85	64		69			
Minot	35	175	210	15		100		X	
Valley City	50	223	273	42	108	85		X	
do						100		X	

OHIO

Ade		16	16		16				
Akron			45			100			
Albany	187	554	722			900		X	
Ohio Northern University									
University of Akron									
Ohio University									

TABLE 2.—Enrollment of extension students, 1928-29, reported by colleges and universities—Continued

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		Enrollment			Number completing work undertaken 1928-29			Enrollment			Number completing work undertaken 1928-29			Correspondence	Class extension	Radio	
		Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total				
1		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	2							13	1	14							
OHIO—continued	Baldwin-Wallace College.....															X	
	Bluffton College.....															X	
	St. Xavier College.....		30	30		33	33	160		181			84		X		
	Cleveland.....																
	Do.....																
	Do.....							210	2,112	2,322	205	1,994	2,199	75			
	Western Reserve University.....																
	Ohio State University.....							13	38	51	13	38	51				
	Denison University.....							46	158	204	46	168	204	100			
	New Concord.....							346	111	457	346	111	457	100		X	
	Miami University.....							286	557	843	286	557	843	100		X	
	Springfield.....																
	Toledo.....	5	147	152	5	53	58	15	233	248							
OKLAHOMA																	
	East Central State Teachers College.....	127	399	526	104	326	430	255	587	842	254	573	827	85			
	Oklahoma College for Women.....																
	Central Teachers College.....																
	Panhandle Agricultural and Mechanical College.....																
	Catholic College of Oklahoma.....		42	42													
	University of Oklahoma.....	900	1,400	2,300	235	480	715	348	1,260	1,608	291	1,163	1,454	70	X	X	X
	Oklahoma Agricultural and Mechanical College.....							52	26	78	52	26	78		X		
	Stillwater.....																
	Tablequah.....	235	407	642	191	376	567	242	488	730	230	474	704	60	X		
	Tulsa.....							177	339	516	150	280	430	90			





TABLE 2.—Enrollment of extension students, 1928-29, reported by colleges and universities—Continued

State	Institution	Correspondence students						Extension class students						Extension service available to persons residing outside of the State			
		Enrollment			Number completing work undertaken 1928-29			Enrollment			Number completing work undertaken 1928-29			Percent of cost of extension service borne by extension students	Correspondence	Class extension	Radio
		Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>TENNESSEE</b>																	
Athens.....	Tennessee Wesleyan College.....							26	143	169				100			
Chattanooga.....	University of Chattanooga.....	18		18				17	100	117		42	42	88	X	X	X
Jackson.....	Lane College.....	100	125	225	90	100	190	5	25	30	5	25	30	100	X	X	
Do.....	Union University.....	5	22	27	134	163	297	424	114	538	349	114	463	50	X	X	X
Johnson City.....	East Tennessee Teachers College.....	297	272	569	1	2	3	4	3	4	7	25	25	100	X	X	X
Knoxville.....	University of Tennessee.....	1	2	3	1	2	3	4	72	76	25	25	25	100	X	X	X
McKenna.....	Bethel College.....																
Memphis.....	Lemoine Junior College.....																
Nashville.....	George Peabody College for Teachers.....			1,426			1,004								X		
<b>TEXAS</b>																	
Ablene.....	Ablene Christian College.....	93	204	397	62	201	263							75	X	X	X
Do.....	Simmons University.....	144	380	524	115	304	419							76	X	X	X
Alpine.....	Sul Ross State Teachers College.....	25	73	98	19	37	56							91	X	X	X
Austin.....	University of Texas.....	1,265	1,878	3,143	406	864	1,270	129	361	490	94	340	434	91	X	X	X
Belton.....	Baylor College for Women.....	12	658	670	4	491	495		50	50	50	50	50	100	X	X	X
Brownwood.....	Howard Payne College.....	29	62	91	25	54	79							100	X	X	X
Canyon.....	West Texas State Teachers College.....			382		305	305							100	X	X	X
Fort Worth.....	Texas Woman's College.....		44	44		33	33							100	X		
Gainesville.....	Gainesville Junior College.....							6	12	18				100	X		
Georgetown.....	Southwestern University.....	86	169	255	48	110	158							100	X		
Greenville.....	Wesley College.....							27	72	99				100	X	X	X
Huntsville.....	Sam Houston State Teachers College.....	142	520	662				47	408	455	2	10	12	100	X	X	X
Kingsville.....	Texas College of Arts and Industries.....	7	138	145				30	298	328				100	X	X	X
Lubbock.....	Texas Technological College.....	251	317	568	126	158	283	120	189	315	99	167	266	95	X	X	X
Marshall.....	Bishop College.....							5	68	73				100	X	X	X
Newspack.....	Stephens F. Austin State Teachers College.....							40	101	141				100	X	X	X

Prairie View	Prairie View State College	197	247	12	98				
Sherman	Austin College	11	18	11	100				
Tehucans	Westminster College	10	15	5	90				
Texarkana	Texarkana Junior College	22	42	3	100				
Waco	Baylor University	-1	36	1	100	X			
Do	Paul Quinn College	2	12		100	X			
Weatherford	Weatherford College	7	12		100				
<b>UTAH</b>									
Logan	Agricultural College of Utah	34	80		50	X			
St. George	Dixie College	32	87	30	70	X			
Salt Lake City	University of Utah	1,341	2,402		90				
Do	Westminster College		51						
<b>VERMONT</b>									
Castleton	State Normal School			5				X	
<b>VIRGINIA</b>									
East Radford	Radford State Teachers College	78	492	72	485	567	2	18	20
Hampton	Hampton Institute							2	18
Harrisonburg	State Teachers College							75	75
Richmond	Virginia Union University							100	78
University	University of Virginia							31	100
Williamsburg	College of William and Mary							57	602
		877	990	1,373				78	78
<b>WASHINGTON</b>									
Bellingham	Bellingham State Normal School	9	37	46	4	10	14		
Ellensburg	Washington State Normal School	12	28	40	7	27	34		
Pullman	Washington State College	192	207	399	122	137	259		
Seattle	University of Washington	1,166	894	2,060					
<b>WEST VIRGINIA</b>									
Athens	Concord State Teachers College						300		
Barbourville	Morris Harvey College							61	86
Buckhannon	West Virginia Wesleyan College							35	80
Elkins	Davis Elkins College							45	45
Fairmont	Fairmont State Normal School							5	18
Glenville	Glenville State Normal School							13	112
Harpers Ferry	Storer College							37	77
Huntington	Marshall College							81	36
Institute	West Virginia State College							23	65
Montgomery	New River State School							20	73
Morgantown	University of West Virginia							58	100
Phillippi	Broadus College							17	100
Shepherdstown	Shepherd College State Normal School							43	164
West Liberty	West Liberty State Normal School							5	17
		35	70	105	30	63	93	14	45
		28	58	86	23	49	72	26	61
								38	35

TABLE 2.—Enrollment of extension students, 1928-29, reported by colleges and universities—Continued

State	Institution	Correspondence students						Extension class students						Extension service available to persons residing outside of the State			
		Enrollment			Number completing work undertaken 1928-29			Enrollment			Number completing work undertaken 1928-29			Correspondence	Class extension	Radio	
		Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
WISCONSIN																	
	La Crosse	5,851	4,186	10,049	1,104	1,122	2,126	4,616	2,152	6,767	4,707	2,582	7,289	100	X	X	X
	Madison													60	X		
	Milwaukee												14				
	Do.													35	X	X	
	Oshkosh	6	148	154	1	38	39		22	22				100	X	X	
WYOMING																	
	Laramie			706			253								X	X	
	Total	40,272	49,382	108,901	8,355	16,288	42,304	70,544	112,023	250,235	18,227	41,849	134,100		124	122	33

### Class Work Outside of Institutions

In nearly every State of the Union institutions of higher learning give class work outside of their own walls. During 1928-29, 291 colleges and universities offered such classes, which were attended by more than 250,000 students.

An individual desiring to take work in one of these extension classes should discover through his local public-school department or through the public library what courses are given in that vicinity. If there are no such classes, he should ask the college or university of his choice to organize such a class and furnish an instructor, and it is likely that this will be done, provided a group of 10 or more persons can be found who desire to study the same subject.

Some of the strong points of extension work by means of classes are as follows: (1) The personal guidance and help of the instructor; (2) the advantages resulting from group discussion; (3) the opportunity offered for practice in self-expression and the art of conversation; (4) advantages of a definite class period.

The following tabulation indicates the nature of the subjects available through class work outside of institutions:

#### SUBJECTS OFFERED THROUGH CLASS WORK OUTSIDE OF INSTITUTIONS

[Locations of institutions may be found on pages 3-17. An asterisk (\*) following a paragraph indicates that all subjects in the paragraph are on high-school level; an (°) following a paragraph indicates that all subjects in the paragraph are on graduate level; a circle (°) following a paragraph indicates that all subjects in the paragraph are offered by radio. Subjects in unmarked paragraphs are on college level.]

##### ALABAMA:

*Alabama College*.—Art, biology, education, English, history, Latin, French, psychology, religious education, sociology, Spanish.

*Alabama Polytechnic Institute*.—English, history and political science, industrial arts, professional methods, psychology, sociology.

*Birmingham-Southern College*.—Aeronautics, art, biology, business education, chemistry, dramatics, economics, English, French, history, journalism, landscape architecture, library science, music, psychology, religious education, sociology.

*Judson College*.—American literature, economics.

*State Normal School*.—Any course offered in residence.

*State Teachers College (Jacksonville)*.—Education, English, fine arts, health and physical education, history and civics, languages, mathematics, penmanship, practical arts.

*State Teachers College (Troy)*.—Education, English, fine arts, history and civics, mathematics, science, physical education.

*Tuskegee Normal and Industrial Institute*.—Animal husbandry, dairying, farm crops, home economics, poultry, English.

*University of Alabama*.—Education, English, French, history, home economics, journalism, mathematics, philosophy and religion, physics, psychology, radio, sociology, Spanish.

*Woman's College of Alabama*.—American literature, biology, English, literature, Spanish.

## ARIZONA:

*Arizona State Teachers College.*—Courses for which there is a demand.

*Gila College.*—Adolescent psychology, sociology of home and family.

*Phoenix Union High School and Junior College.*—Any course requested given if sufficient number enroll to form a class.\*

*University of Arizona.*—Astronomy, biology, economics, education, electrical engineering, English, French, German, mathematics, music, philosophy, political science, Spanish.

Advanced educational psychology.\*

## ARKANSAS:

*Agricultural, Mechanical, and Normal School.*—French, government.

*Arkansas State Teachers College.*—Agriculture, biology, drawing, education, English, geography, history, mathematics, mechanical drawing, science.

*State Agricultural and Mechanical College.*—Algebra, arithmetic, Arkansas history, English grammar, geography, United States history.

*University of Arkansas.*—Many courses may be taken by class work when the group is large enough to take care of the expense.

## CALIFORNIA:

*Chaffey Junior College.*—Commercial and manual training subjects.\* Night-school classes on miscellaneous subjects. Citrus fruits short course, demonstration work in agriculture, horticultural inspectors' course.

*Citrus Junior College.*—Commercial and manual training subjects.\*

Astronomy, commercial and manual training subjects, French, mathematics, Spanish.

*Fresno State Teachers College.*—Advanced principles of education, agricultural educational methods, character education, college theater, commercial educational methods, contemporary civilization, growth and development of the child, history of California, history of music, modern methods in examinations, music teaching, organization of elementary schools, parent-teacher organizations, plant biology, principal and his school, principles of economics, psychology of elementary school subjects, reed-furniture weaving, revolutionary Europe, school supervision and administration, social history of the United States, social problems in English literature, stagecraft, State school administration, vocational education and guidance.

*Fullerton Union High School and Junior College.*—Americanization, auto mechanics, barbers' anatomy, bookkeeping, chemistry, commercial law, contemporary literature, French, interior decorating, machine shop, physical education, practical English, public speaking, sewing, shorthand, Spanish, typing, welding and ornamental iron, woodwork.

*Kern County Union Junior College.*—Art, English, psychology, short-story writing, United States Constitution.

*Marin Union Junior College.*—Civics, current events, French, literature, Shakespeare.

*Modesto Junior College.*—Banking fundamentals, contemporary poetry, music appreciation, negotiable instruments.

Philosophy of education.\*

*Riverside Junior College.*—Analysis (financial), banking fundamentals, elementary psychology, instrumental music (orchestra), negotiable instruments, vocal music.

*Sacramento Junior College.*—Art, biological sciences, foreign languages, general literature, music, physical education, social sciences.

*St. Ignatius College.*—Business law, dramatic art, economics, English, French, history, Latin, public speaking, Spanish.

*San Bernardino Valley Union Junior College.*—Art, art appreciation, biology, chemistry, economics, English literature, French, geology, mathematics, mining, music, physical education, physics, psychology, public speaking, short story, Spanish, studies in plant life, thermodynamics, world culture, zoology.

*Santa Ana Junior College.*—Applied economics, astronomy, history of religion and philosophy, salesmanship.

*Santa Maria Union High School and Junior College.*—Art, commerce, domestic science, English, French, industrial education, Italian, music, physical education, Spanish.\*

Biology, foreign language, geology, orchestra.

*State Teachers College (San Diego).*—Astronomy, economics, English, foreign languages, history of United States, leather, public health, Spanish, speech corrections, vocational guidance, voice and choral training.

*State Teachers College (Santa Barbara).*—Industrial art courses for high schools.

*University of California (Berkeley).*—Accounting, advertising, aircraft, architecture, art, astronomy, birds of California, blue-print reading, business English, business law, corporation finance, costume designing, current events, Diesel engines, dramatic reading, economics, education, electricity, English composition, English literature, foreign trade, French, German, harmony, history, hygiene, income tax, insurance, interior decoration, Italian, journalism, landscape gardening, lettering and designing, mathematics, mental tests, music, natural history of the Sierra, office management, parliamentary procedure, philosophy, photography, political science, principles of investment, psychology, public speaking, radio, real estate law, salesmanship, shipping courses, short-story writing, Spanish, speech correction, teaching methods.

*University of California (Los Angeles).*—Classes cover a wide range of subjects and meet at times and places convenient to the students.

*University of Redlands.*—English romantic poetry, feature writing, geology, music and civilization, physics and its application to life.

*University of Southern California.*—Botany, chemistry, commerce, comparative literature, economics, education, engineering, English, French, geology, German, Greek, history, international relations, Italian, Latin, mathematics, music, oriental studies, philosophy, physical education, physics, political science, psychology, religion, sociology, Spanish, speech, zoology.

Business law, trade and professional lectures.°

#### COLORADO:

*Colorado State Teachers College.*—Economics, education, geography, history, mathematics, psychology, sociology.

*University of Colorado.*—Advertising, art, botany, education, English, philosophy, psychology, public speaking, salesmanship, short-story writing, Spanish.

*University of Denver.*—Biological environment appreciation, botany, English, general psychology, principles of education, problems of teaching and religion, psychology of great men and women, race problems, seminar in education.

*Western State College.*—Art, foreign languages, mathematics, music, physical education, industrial arts.

#### CONNECTICUT:

*Connecticut University Extension Committee.*—Art education, English, international relations, psychology for nurses, social studies.

*State Normal School (Danbury).*—Elementary education.

*State Normal School (Willimantic).*—Kindergarten-primary education.

#### DELAWARE:

*University of Delaware.*—English, French, mathematics.

## FLORIDA:

*Southern College.*—Psychology, public-school music, sociology, Spanish.

*University of Florida.*—Business administration, education, English, history, mathematics, modern languages, physical education.

## GEORGIA:

*Americus Normal College.*—American novel, art of fiction, life science.

*Bessie Tift College.*—Classroom management, educational psychology.

*Emory University.*—Bible, biology, chemistry, education, English, French, German, government, journalism, physics, psychology, sociology, Spanish.

*Georgia School of Technology.*—Commercial courses, applied science (given in evening schools).

*Morris Brown University.*—Mathematics, medieval history, negro history, physiology, psychology, rhetoric, sociology, tests and measurements.

*Piedmont College.*—Educational psychology, English literature.

*South Georgia Training College.*—Economics, education, history, mathematics, sociology.

*State College of Agriculture.*—The courses in extension embrace all the subjects that county agents find essential and necessary in the proper conducting of their office. Courses offered in agriculture and home economics.

*University of Georgia.*—Accounting, business law, banking and finance, economics, education, English, history, journalism, Latin, mathematics, philosophy, sociology, Spanish.

## HAWAII:

*Territorial Normal and Training School.*—Art, boy scouting, education, English, geography, industrial arts.

*University of Hawaii.*—Art, astronomy, commerce, economic geography, education, engineering, English, electricity, French, Hawaiian, history, household art, Japanese, journalism, meteorology, parliamentary procedure, physical education, radio.

## IDAHO:

*University of Idaho.*—Agriculture, bacteriology, botany, business administration, classes in English, education, economics, engineering, English, French, geology, German, Greek, history, home economics, mathematics, mining philosophy, political science, psychology, sociology, Spanish, zoology.

## ILLINOIS:

*American College of Physical Education.*—Junior-high-school problems, sociology.

Junior-high-school problems, physiotherapy, sociology.

*Greenville College.*—Child welfare, education, measurements.

*Illinois State Normal University.*—Economics, history of education, principles of education, school administration, sociology, United States history.

*James Milliken University.*—Advanced educational psychology, applied sociology, economics, English history, general designing, history of education, social science, Spanish.

*Lewis Institute.*—Education, English, psychology.

*Mount Morris College.*—Physical education.

*North Park Junior College.*—Accounting, shorthand, typewriting.

*Northwestern University.*—Accounting, advertising, banking, and finance, chemistry, contemporary thought, economics, education, employment management and labor administration, English, fire insurance, foreign trade, French, geology and geography, German, history, journalism, land economics and real estate, manufacturing and production, mathematics, newspaper advertising and promotion, political science, psychology, public utilities, sales management and merchandising, sociology and anthropology, Spanish, speech, zoology.

*Rosary College.*—American history, English composition, ethics, French, mathematics, medieval history.

*St. Xavier College for Women.*—Advanced Spanish, calculus, chemistry, English literature, public speaking, sociology.

*Southern Illinois Normal University.*—American history, English, French, sociology.

*University of Illinois.*—Agriculture, ceramic engineering, home economics.

#### INDIANA:

*Ball State Teachers College.*—Courses offered in residence given in extension classes when a sufficient number request them.

*Butler University.*—Botany, church history, economics, education, English, history, journalism, nature study, philosophy, public speaking, Romance languages, sociology.

*Central Normal College.*—Art, education, English, history, mathematics, music, philosophy, psychology, social science.

*Earlham College.*—The teaching of ideals.

*Evansville College.*—American political parties and party problems, analysis of financial statements, business forecasting, business law, community recreation, elementary German, European history, fine and industrial arts, general botany, general zoology, intermediate French, New Testament history, nutrition and health, Old Testament history, play production, social studies, social policy in education, teaching of ideals, tests and measurements.

*Franklin College.*—American literature, psychology.

*Hanover College.*—Education, English, science, social studies.

*Indiana State Teachers College.*—Any course offered in residence may be given in extension (college level) except laboratory and shop courses. When proper facilities are offered the latter may be given.

Budgets and accounting, educational statistics, high-school administration, Indiana school law, philosophy of education, psychology of adolescence, public-school administration, supervision of secondary instruction (graduate level).

*Indiana University.*—Offers any subjects for which groups of 12 to 16 make application (college level).

Offers any subject for which 12 persons apply (graduate level). Courses are given in 71 cities and towns.

*Oakland City College.*—Education, social studies.

*Purdue University.*—Agriculture, teacher-training trades and industries, itinerant teacher training, training in vocational agriculture.

*Teachers College of Indianapolis.*—American government, experimentation and research, language arts, school administration.

*Vincennes University.*—College mathematics, freshman composition, teaching of ideals.

#### IOWA:

*Columbus College.*—Education, English, history, mathematics.

*Iowa State College of Agriculture and Mechanic Arts (Ames).*—Foreman training in industry, teacher training, trade and industrial training.

*Iowa State Teachers College.*—Art, commercial economics, education, English, German, government, history, home economics, Latin, mathematics, natural science, psychology, Romance languages, rural education.

*Morningside College.*—Advertising, business law, education, English literature, history, philosophy, physics, Romance languages, sales administration, sociology, speech.

*St. Ambrose College.*—Accounting, biology, education, English, French, history, logic, mathematics, psychology, Spanish.



*University of Dubuque.*—English, French, introduction to philosophy, mythology, public speaking.

*University of Iowa.*—English novel of eighteenth century, general astronomy, short-story writing.

*Waldorf Lutheran College.*—Music.

**KANSAS:**

*Hesston College and Bible School.*—American literature, economics, English literature.

*Kansas State Teachers College (Hays).*—Agriculture, applied art, biological sciences, business administration, education, English, history and social sciences, home economics, Latin, mathematics, mechanic arts, music, philosophy.

*Marymount College.*—German, playground activities, rural-school education, zoology.

*McPherson College.*—Biology, chemistry, education, English.

*Southwestern College.*—Chemistry, history of art, modern American literature, parliamentary law, public speaking.

*Tabor College.*—Comparative religions, history of China.

*University of Kansas.*—Advanced statistics, critical review of paraffin series, development of social work, educational guidance, elementary psychology, elements of economics, elements of sociology, extempore speaking, French, labor problems, nontypical child, psychology of moral education, psychology of reading, romantic poetry, social case work, social pathology, Spanish, urban sociology, vocal music in intermediate grades.

Advanced statistics, critical review of paraffin series, development of social work, educational guidance, labor problems, nontypical child, psychiatric aspects of social work, psychology of reading, psychology of moral education, romantic poetry, social case work, urban sociology.\*

**KENTUCKY:**

*Centre College.*—Advanced and elementary Spanish, history of education, Victorian literature.

*Eastern Kentucky State Normal School.*—All subjects given in residence offered in extension, except where library and laboratory work is required.

*Kentucky Wesleyan College.*—Biology, education, English.

*Kingswood Holiness College.*—Ministerial Bible courses.

*Simmons University.*—Education, physics.

*Sue Bennett Memorial College.*—Education, science.

*Union College.*—English literature, Hebrew history, history of philosophy, public speaking.

*University of Louisville.*—Biology, chemistry, economics, education, English, French, German history, Latin, mathematics, physics, psychology, sociology, Spanish.

**LOUISIANA:**

*Louisiana College.*—Bible, education, Latin, mathematics.

*Louisiana Polytechnic Institute.*—Algebra, English.\*

Agriculture, commerce, education, English, French, history, home economics, hygiene and sanitation, Latin, psychology, Spanish.

*Louisiana State Normal School.*—Economics, education, English, history.

*Loyola University.*—English, foreign languages, history, mathematics, music, philosophy, science, social sciences.

*Louisiana State University.*—Architectural drawing, comparative literature, education, mechanical drawing, psychology, sociology.

All subjects given on college level except drawing.\*

*New Orleans University.*—Economics, English, geometry, sociology.\*

American democracy, Bible, economics, education, European history, ethics, history and philosophy, psychology, rhetoric, technique of teaching, sociology.

*Southern University and Agricultural and Mechanical College.*—College algebra, education, English literature, general psychology, principles of sociology, Roman history, United States history.

*Southwestern Louisiana Institute.*—Agriculture, English, history, Louisiana history, political science.

#### MARYLAND:

*College of Notre Dame of Maryland.*—The same subjects offered in regular college schedule are offered in extension.

*Johns Hopkins University.*—College courses for teachers, evening courses in business economics, night courses for technical workers, short courses for meter men, summer courses.

*Morgan College.*—Academic and professional courses.

*University of Maryland.*—Mining engineering, vocational education.

Talks on agriculture.<sup>o</sup>

*Washington College.*—Summer courses for ministers.

*Western Maryland College.*—English, French, history, mathematics, secondary education.

#### MASSACHUSETTS:

*Boston University.*—Anglo-Saxon architecture, astronomy, biology, chemistry, drama, English, fine arts, French, geology, German, history, Italian, Latin, mathematics, music, public speaking, Sanskrit, sociology, Spanish.

*Clark University.*—Biology, economics, English, French, geography, German, mathematics, psychology.

*Division of University Extension, Massachusetts State Department of Education.*—Extension classes are organized in various towns and cities covering nearly all high school and college subjects.

*Harvard University.*—Astronomy, botany, economics, English composition, English literature, fine arts, French, geography, geology, German, government, history, Italian, music, philosophy, psychology, Spanish, zoology.

*Massachusetts Agricultural College.*—Methods in extension teaching.

*Smith College.*—Education, English, English literature, modern language, music, public speaking.

*State Normal School (Westfield).*—History, literature, psychology, testing.

*State Normal School (Worcester).*—Economic geography, educational tests and measurements, English expression, English literature, modern European history, principles of economics, psychology of adolescence, world geography and literature.

#### MICHIGAN:

*Alma College.*—Elementary French, principles of education, Spanish.

*Central State Teachers College (Mount Pleasant).*—Extension work may be undertaken at any place which can be reached conveniently from Mount Pleasant whenever a sufficient number to warrant a class can be secured.

*Detroit Teachers College.*—A great variety of courses for teachers in service.

*Michigan State Normal School.*—Any subject given in residence for which there is a sufficient number of students to warrant a class.

*Port Huron Junior College.*—Chemistry, child psychology, fine arts, sociology, Spanish.

*University of Detroit.*—Biology, botany, chemistry, education, French, German, history, Latin, mathematics, philosophy, psychology, Spanish.

The foregoing subjects are also offered on graduate level.

*University of Michigan.*—Nearly all subjects on college level offered in residence are given in extension work when a sufficient number of students request them.

Anthropology, business administration, decorative design, education, English, geography, history, hygiene, journalism, landscape design, mechanical engineering, philosophy, psychology, rhetoric, Russian literature in English, sociology, speech.

MINNESOTA:

*State Teachers College (Bemidji).*—Advanced principles of education, economic history of United States, technique of teaching.

*State Teachers College (Duluth).*—Essays, geography of Central America and Mexico, geography of Europe, history of art.

*State Teachers College (Moorhead).*—Any subject offered on campus except those requiring laboratory work.

*University of Minnesota.*—English mathematics.\*

Business, education, engineering, French, literature and the arts, science, Spanish.

*Winona State Teachers College.*—Child guidance, dramatics, French, psychology.

MISSISSIPPI:

*Alcorn Agricultural and Mechanical College.*—Agronomy, animal husbandry, clothing, food, horticulture.\*

Agronomy, animal husbandry, clothing, food, home management, horticulture.

*Blue Mountain College.*—Bible as literature, child psychology, classroom management, English, English composition, mental hygiene.

*Mississippi College.*—Education, English, history, mathematics, psychology, religious education, sociology.

MISSOURI:

*Cotley Junior College.*—Education, history.

*Culver Stockton College.*—Education, English, history, sociology.

*Junior College of Flat River.*—Child welfare, diagnostic testing, remedial testing.

*Northeast Missouri State Teachers College.*—One center where extension work is given.

*St. Louis University.*—Chemistry, education, English, history, language.

*Southeast Missouri State Teachers College.*—Art, commerce and business, education, English, history, mathematics, science.\*

*Southwest Missouri State Teachers College.*—Agriculture, art, commerce, education, English, foreign languages, history, home economics, mathematics, music, political science, science, sociology, speech.

*University of Missouri.*—Agriculture, botany, chemistry, economics, education, English, French and Italian, geography, Germanic languages, history, home economics, industrial arts, Latin, mathematics, physics, political science and public law, rural sociology, sociology, Spanish, zoology.

Administration of educational tests, administration of industrial education, curriculum construction, projects in moral education, psychology of elementary school subjects, teaching of reading.\*

*Washington University.*—Accounting, advertising, architecture, art, aviation, business, engineering, English, Hebrew, history, home economics, interior decoration, law literature, mathematics, music, navigation, nursing, political science, preparatory courses in mathematics, psychology, public speaking, Scandinavian, sociology and social work, Spanish, special courses in English, special courses for teachers of handicapped children.\*

Astronomy, botany, chemistry, drafting, economics, education, English, French, geography and geology, German, Greek, history, Italian, journalism, Latin, literature, mathematics, philosophy, physics, political psychology, public speaking, sociology and social work, Spanish, zoology.

## MONTANA:

*Eastern Montana Normal School.*—Art, education, English, mathematics, physical education, science, social science.

*Montana State Normal College.*—Certificate and credit courses as requested.

## NEBRASKA:

*Creighton University.*—Extra curricular activities, Victorian plays.

*Grand Island College.*—Greek history, principles of education.

*McCook Junior College.*—Chronicles of America. (class work prepared under University of Nebraska).

*Midland College.*—Bible, ethics, general administration, hygiene, languages, Latin, logic, mathematics, methods, philosophy, principles of sociology, psychology, Romance languages.

*Nebraska Wesleyan University.*—Applied psychology, Bible literature, education for citizenship, ethics, history of education, national government, twentieth-century schools.

Noncollegiate courses.°

*Peru State Teachers College.*—Biology, education, English, geography, history, mathematics, physics, psychology, public-school music.

*University of Nebraska.*—Study centers organized where 10 or more persons ask for them. School for scout masters.

*University of Omaha.*—Latin.\*

Education, fine arts, literature, philosophy, political and social sciences, psychology, religion, science.

## NEW HAMPSHIRE:

*University of New Hampshire.*—Administration, English, philosophy, psychology, technique.

## NEW JERSEY:

*New Jersey State Normal School.*—Art, geography, industrial art, industrial art problems, music appreciation, nature study, reading problems.

*New Jersey State Teachers College.*—Arts, English, mathematics, modern languages, principles of teaching, psychology, science.

*Panzer College of Physical Education.*—Chemistry of biology, health education, nature and character of dancing, nature and function of play, principles of education, rhythmical and expressive gymnastics.

*Paterson State Normal College.*—Contemporary literature, drawing, elementary science, English, health teaching, story telling, technique of teaching.

*Rutgers University.*—Business English, child psychology, diction and oral English, electricity, English, foreman training, chemistry, law, mechanical engineering, psychology, public speaking.

*State Teachers College.*—Accounting and bookkeeping, art, dramatics, English, French, home economics, mathematics, music, physical education, social sciences.

## NEW MEXICO:

*New Mexico College of Agriculture and Mechanical Arts.*—Vocabulary building.

*New Mexico State Teachers College.*—Extension classes held in 13 towns. Courses in English, history, political sciences.

*University of New Mexico.*—Anthropology, economics, education, English, geology, history, mathematics, psychology, Spanish.

## NEVADA:

*University of Nevada.*—Agriculture, dairying, home economics.

## NEW YORK:

*College of Mount St. Vincent.*—Algebra, biology, civics, drawing, geometry, grammar, physics.\*

English, French, Greek, history, Latin, mathematics, psychology.

*Columbia University.*—Agriculture, anthropology, architecture, astronomy, botany, business, chemistry, Chinese, drawing, economics, engineering, English, fine arts, general science, geography, geology, Germanic languages, government and public law, Greek, Hebrew, history, household arts, hygiene, Indo-Iranian languages, industrial arts, Irish, Japanese, Latin, law, library service, mathematics, mineralogy, music, neurology, optometry, philosophy, photoplay composition, physical education, physics, physiology, religion, Romance languages, secretarial correspondence, secretarial studies, Slavonic languages, sociology and social economy, statistics, stenography and typewriting, textiles, zoology.

*Elmira College.*—Art, economics and sociology, English, French, geography, geology, German, history, home economics, philosophy, psychology and education, science, school of music, Spanish, speech education.

*Hunter College of the City of New York.*—Adult immigrant education, art, basketry, bookkeeping, chemistry, civics, dietetics, English, geography, history, mathematics, millinery, modern languages, music, penmanship, physical training, science, school management, sewing, shopwork, speech, stenography, textiles, typing, visual instruction.

*New York State College for Teachers.*—American literature, education, English poets of nineteenth century, history of Europe, hygiene, modern music, principles of education.

Classroom organization, construction of curriculum, educational measurements, philosophy of education.\*

*New York University.*—Chemistry, dramatic art, engineering, French, government, history, home economics, mathematics, physics, psychology, public health nursing, public speaking, social service, Spanish, women's law class.

Noncredit courses by radio.°

*Russell Sage College.*—Six weeks' summer course at Gymnastic Folk High School at Ollerup, Denmark.

*St. Bonaventure College.*—Education, mathematics, modern and classical languages, philosophy, science.

*State Normal School (Fredonia).*—Contemporary literature, history of civilization.

*State Normal School (Geneseo).*—Teachers' courses in rural-school curriculum and technique of teaching.

*State Normal School (New Paltz).*—Economics, history of civilization, modern Europe, tests and measurements, visual instruction.

*State Teachers College (Buffalo).*—Art, education, English, history kindergarten-primary education, mathematics, science, school publications, sociology, vocational education.

*Syracuse University.*—Art, botany, business, chemistry, child care, commerce, economics, education, electricity, English, finance, geography, history, Latin, mathematics, mechanical drawing, modern languages, music, political science, psychology, public speaking, real estate, sociology, stenography, typewriting.

*Union College.*—Art, astronomy, chemistry, civil engineering, economics, electrical engineering, English, history, mathematics, modern languages, music, philosophy, physics, political science, psychology.

*University of Buffalo.*—Evening-school courses for which there is a demand.

*University of Rochester.*—Art, astronomy, biology, chemistry, economics, education, English, French, geology, German, government, Greek, history, Italian, Latin, mathematics, philosophy, physics, psychology, religion, sociology, Spanish.

## NORTH CAROLINA:

*Atlantic Christian College.*—Class instruction for negro teachers of the county.

*Catawba College.*—Economic geography, geology, history of art, public-school music, rural sociology, visual education.

*Davidson College.*—Geography, history.

*Duquesne University.*—English, Latin.

*Guilford College.*—Psychology.

*Johnson C. Smith University.*—Educational and vocational guidance; the Negro in our history.

*Livingston College.*—Child study.

*Lenoir-Rhyne College.*—American public schools, economic geography, visual education.

*North Carolina College for Women.*—Education, English, history.

*North Carolina State College of Agriculture and Engineering.*—Chemistry, education, English, history, modern languages, sociology.

*Salem College.*—Art for elementary teachers, education, health and physical education, individual and special class methods, school library management, seminar in educational problems, tests and measurements, vocational and educational guidance.

*State Normal School.*—Child study, comparative study of school systems, curriculum construction.

*University of North Carolina.*—Practically any course given in residence may be offered in extension classes if 15 persons register for it.

## NORTH DAKOTA:

*North Dakota Agricultural College.*—Accounting, crafts, drawing and painting, economics, English, French, German, history of civilization, journalism, parliamentary law, psychology, public speaking, trigonometry.

*North Dakota School of Forestry.*—Bookkeeping, shorthand, typing.\*

Accounting, clothing, crafts, foods, French, gymnasium, interior decorating.

*State Teachers College (Mayville).*—History of architecture, history of painting, projects in rural education, supervision of instruction.

*State Teachers College (Minot).*—Any subject for which there is sufficient demand.

*University of North Dakota.*—Art appreciation, dancing, English, French, gymnastics, history, Italian, lectures for barbers.

Lectures, many of instructional nature.°

## OHIO

*Baldwin-Wallace College.*—Adolescent psychology, public speaking.

Lectures.°

*Bluffton College.*—Boy Scout courses.\*

Adolescent psychology, business psychology.

*Case School of Applied Science.*—Applied electricity, industrial electrical lighting.

*Denison University.*—English, French, sociology.

*Marietta College.*—Education.

*Miami University.*—Economics, English, French, geography, industrial education, school administration.

*Muskingum College.*—Bible, biology, economics, education, English, geology, history, modern languages, music, political science.

*Ohio Northern University.*—Accounting, advertising, aeronautics, American poetry, appreciation of music, art, aviation, building and loan course, electricity, engineering, machine design, management, real estate, production, secretarial studies, short-story writing.

*Ohio State University.*—Agriculture, commerce, home economics, journalism.

*Ohio University.*—Biology, education, English, geography, history, physical education, sociology.

*St. Xavier College.*—Chemistry, English, French, German, Greek, high-school methods, history, Latin, mathematics, philosophy, psychology, Spanish.

*University of Akron.*—Accounting, advertising, aeronautics, art, aviation, building and loan, electricity, engineering, machine design, production management, purchasing management, real estate, secretarial studies, short-story writing.

*University of Cincinnati.*—Botany, commerce, education, elements of astronomy, evolution, geography, psychology, supervision and methods of teaching of public-school music.

*Ursuline College.*—Chemistry, education, English, French, German, history of art, Latin, Spanish.

*Western Reserve University.*—Art, astronomy, biology, business administration, education, English, general service, Greek, history, home economics, journalism, Latin, library science, mathematics, modern foreign languages, music, parental education, political science, psychology, social science, speech.

*Wittenberg College.*—Academic teacher-training subjects, business industrial courses, religious subjects.

#### OKLAHOMA

*Catholic College of Oklahoma.*—College algebra, French, geometry, Latin, trigonometry.

*Central Teachers College.*—Any subject listed in catalogue (except laboratory) where requested.

*Northeastern State Teachers College.*—Art, agriculture, business education, education, English, history and government, home economics, hygiene and health, industrial art, Latin, mathematics, modern and foreign languages, music, physical science, psychology, religious education, rural education, sociology and economics.

*Oklahoma Agricultural and Mechanical College.*—Curriculum of secondary education, extracurricular activities, international law, juvenile literature, population, sociology.

The aforementioned subjects, educational classics, ethics and moral education, problems of the superintendent, school statistics.\*

*Oklahoma College for Women.*—Cooking, physical education.

*Panhandle Agricultural and Mechanical College.*—History and history of the West.

*University of Oklahoma.*—Accounting, archeology, botany, business law, education, English, first aid, French, geography, government, health, history, Latin, psychology, public speaking, salesmanship, Spanish.

*University of Tulsa.*—Bible, botany, economics, English, geology, history, journalism, literature, modern languages, petrol engineering, physics, psychology, test measurements, zoology.

#### OREGON

*Oregon State Agricultural College.*—Courses for 4-H Clubs and short courses.\*

Lectures on farm subjects, home making, markets and business.°

*University of Oregon.*—Architecture and allied arts, art, business administration, chemistry, diagnostic tests for elementary schools, education, English, German, health education, history, journalism, Latin, Library methods, mathematics, medicine, music, philosophy, physical education, psychology, public speaking, Romance languages, sociology.

## PENNSYLVANIA:

- Albright College*.—Educational guidance, government, sociology.
- Bucknell University*.—Biology, educational psychology, educational sociology, embryology, English, forestry, French, guidance, history of United States, 1828–1865, problems of childhood, school ethics.
- Carnegie Institute of Technology*.—Courses in engineering, fine arts, industry and trades.
- Dickinson College*.—Tests and measurements.
- Drexel Institute of Art*.—Art, child development, clothing, economics, education, English, food and nutrition, history, sociology.
- Geneva College*.—Bible, biology, business law, economics, French, history, history of art, mathematics, mechanical drawing, modern novel, music, political science, Spanish.
- Gratz College*.—Hebrew, history, Jewish Bible, pedagogy.
- Hebrew history, Jewish Bible, pedagogy.\*
- Immaculata College*.—Latin, mathematics.\*
- Algebra, American history, Latin, school hygiene, Shakespeare, Spanish, special high-school methods.
- Juniata College*.—American history, educational psychology, foods, mathematics, Shakespeare.
- Lebanon Valley College*.—American history, biography, chemistry, English, French, Latin, philosophy of education, psychology, sociology, trigonometry, world politics.
- Maywood College*.—Bookkeeping, chemistry, English, ethics, French, finance, history, Latin, logic, mathematics, oral English, psychology, public-school music, religion, sociology, stenography.
- Messiah Bible College*.—English, general history, Latin, United States history and civics.
- Bible subjects, college seminar subjects.\*
- Muhlenberg College*.—Advertising, algebra, Bible, business letters, chemistry, drama, economics, English, French, geography, German, Greek, history, Latin, mental hygiene, nature study, problems in education, psychology, salesmanship, sociology, Spanish, statistics, zoology.
- St. Thomas College*.—English, French, history, Latin, mathematics\*.
- Biology, economics, education, English, French, history, Latin, mathematics.
- St. Vincent College*.—Piano and violin music\*.
- Apologetics, ethics, Greek, Latin, logic, natural theology, philosophy, theory of music, violin and piano.
- Seton Hill College*.—Contemporary literature, education, French, history, history of architecture, home economics, journalism, medieval literature, picture analysis, the novel.
- State Teachers College (Clarion)*.—Advanced composition, American government, biology, economics, teaching arithmetic.
- State Teachers College (Edinboro)*.—History of organization of education in Pennsylvania.
- State Teachers College (Indiana)*.—Economic biology, educational sociology, social studies.
- State Teachers College (Kutztown)*.—Art, biology, civic education, educational measurements, educational psychology, English, history of education in Pennsylvania, human geography, mathematical analysis, oral expression, teaching English.
- State Teachers College (Lock Haven)*.—Educational psychology, geography, history of education, political science, principles of education.



*State Teachers College (Slippery Rock).*—American literature, civic education in elementary schools, educational psychology, teaching and supervision of arithmetic in elementary schools.

*State Teachers College (Westchester).*—Advanced composition, algebra, economical biology, economic education, geometry, history and organization of education in Pennsylvania, measurements, short story.

*Susquehanna University.*—Astronomy, argumentation, biology, French, German, general physics, insurance, meteorology, social psychology, Spanish.

*Temple University.*—Americanization methods, art, biology, chemistry, commerce, economics, education and psychology, English, French, German, history, home economics, industrial arts, Italian, Latin, mathematics, nursery-school education, physical and health education, psychology, sociology, Spanish.

*The Pennsylvania State College.*—Botany, chemistry, commercial education, education, educational administration, educational hygiene, economics, engineering, English, French, geography, German, history, history and principles of education, philosophy, psychology, public speaking, rural education, secondary education, sociology, Spanish, zoology.

*University of Pennsylvania.*—Accounting, economics, English literature, finance, geography, history, mathematics, psychology, school management.

*University of Pittsburgh.*—Accounting, economics, elementary and secondary education, English, history, history and principles, mathematics, physics, psychology, religious education, sociology, Spanish, zoology.

Radio lectures five nights per week from October to May, inclusive.<sup>o</sup>

*Washington and Jefferson College.*—Accounting, county and township government, current educational and social problems, English literature, man in the making.

*Waynesburg College.*—Advanced educational psychology, educational tests and measurements, public-school administration.

#### RHODE ISLAND:

*Rhode Island College of Education.*—Training courses for teachers in service.

*Rhode Island State College.*—Agronomy, animal husbandry, 4-H Club work, fruit growing, home economics, poultry raising.

#### SOUTH CAROLINA:

*Clemson Agricultural College.*—Agriculture, corn and cotton breeding, dairy husbandry, entomology, home economics, livestock, marketing, orchard raising, poultry work, textile research.

*College of Charleston.*—Accounting, advertising, banking, business English, business policy, finance, foreign trade, labor problems, Spanish, statistics.

*Wofford College.*—Education, foreign languages, social science.

#### SOUTH DAKOTA:

*Augustana College.*—English, sociology.

*Notre Dame Junior College.*—Education, history, language.

*Sioux Falls College.*—Any of the subjects offered by correspondence, provided enough students are available.

*South Dakota State College of Agricultural and Mechanical Arts.*—Agriculture, home economics, rural organizations, rural sociology, work for boys' and girls' clubs.

#### TENNESSEE:

*Bible College.*—History of development of British Empire, history of education.

*East Tennessee Teachers College.*—Classroom management, educational psychology, English and arithmetic, teaching of reading, tests and measurements.

*George Peabody College for Teachers.*—Agriculture, biology, economics, education, English, fine arts, geography, history, home economics, industrial arts, Latin, mathematics, modern languages, physical education, psychology.

*Lane College.*—Education, English, foreign languages, mathematics.

*Lemoyne Junior College.*—Education, homemaking, liberal arts.

*Morristown Normal and Industrial College.*—Library work.

*Tennessee Wesleyan College.*—Normal courses, public speaking, religious education, Spanish.

*Union University.*—Education, history, sociology.

*University of Chattanooga.*—Biology, education, methods, finance, public-school music, sociology, Spanish.

*University of Tennessee.*—College entrance subjects and vocational subjects.\*  
College subjects.

#### TEXAS:

*Agricultural and Mechanical College of Texas.*—Boys' and girls' club courses, farm demonstration, home demonstration and economics.

*Austin College.*—American history, foreign relations of United States.

*Baylor College for Women.*—Subjects offered as required.

*Baylor University.*—Accounting, agriculture, art appreciation, Bible botany, economics, education, English, French, German, history, Latin, journalism, mathematics, political science, psychology, sociology, Spanish, zoology,

*Bishop College.*—Economics, education, English, history, mathematics, Spanish, sociology.

*Gainesville Junior College.*—Spanish government.

*Paul Quinn College.*—Biology, college algebra, education, English, high-school methods, public speaking.

*Prairie View State College.*—Economics, education, English, sociology.

*Sam Houston State Teachers College.*—Biology, drawing, education, English, history, home economics.

*Stephen F. Austin State Teachers College.*—Child psychology, educational psychology, English, Government of United States, school administration.

*Texarkana Junior College.*—Educational psychology, government, public speaking.

*Texas College of Arts and Industries.*—Economics, education, English, French, geography, history, Latin, mathematics, sociology, Spanish.

*Texas Technological College.*—Chemistry, economics, education, English, geology, government, history, public speaking.

Economics, education, English, government, history.\*

*University of Texas.*—Advanced accounting, auditing, business law, certified public accounting problems, public speaking.

Child accounting, organization and administration of public-school curricula, public-school supervision, rural education, State and county educational organization.\*

*Weatherford College.*—Economic history of the United States, education.

*Wesley College.*—Economics, education, English, government, history.

*Westminster College.*—Algebra, American history, educational methods, educational psychology, European history, trigonometry.

#### UTAH:

*Agricultural College of Utah.*—Agriculture, home economics, leadership and organization, methods.

*Dixie College.*—American literature 1929-30, domestic art, scout leadership.

*Westminster College.*—Psychology, religion.

## VERMONT:

*State Normal School.*—History of education, literature, mental hygiene, school management, tests and measurements.

## VIRGINIA:

*College of William and Mary.*—Ancient languages, business administration, economics, education, English, government, history, modern languages, mathematics, philosophy and psychology, public speaking.

Current events.<sup>o</sup>

*Hampton Institute.*—Education, English, geography, history, industrial arts, mathematics, modern arts and sciences, music, nature study, physical education, political science.

*Radford State Teachers College.*—Any subject offered in residence given at a center when properly requested.

*State Teachers College.*—Biology, education, English, history.

*University of Virginia.*—Practically all subjects that are offered in residence; lecture courses on child development.

Weekly book reviews by radio.<sup>o</sup>

*Virginia Agricultural and Mechanical College and Polytechnic Institute.*—Agriculture, animal husbandry, boys' and girls' agricultural club work, dairying, engineering, teacher training.

*Virginia Union University.*—English and American literature, history, principles and methods of high-school teaching, sociology.

## WASHINGTON:

*University of Washington.*—English, mathematics, history.\*

Anthropology, astronomy, botany, chemistry, classical languages and literature, dramatic art, economics and business administration, education, English, engineering, geography, geology, Germanic language and literature, history, home economics, journalism, mathematics, music, navigation, oriental studies, painting, sculpture and design, philosophy, psychology, Romance languages and literature, Scandinavian language and literature, sociology.

*Washington State College.*—Astronomy, bird study, English and public speaking, foreign languages, geology, journalism, modern novel, modern poetry, physical education, political science, sociology.

*Washington State Normal School (Ellensburg).*—Extension classes organized when 10 or more apply for subjects that can conveniently be given from Ellensburg. One class each quarter in Yakima.

## WEST VIRGINIA:

*Alderson Junior College.*—Educational measurements, health education, juvenile literature.

*Broadus College.*—Education, history, journalism.

*Concord State Teachers College.*—Agriculture, economics, education, English, geography, geology, history, political science, sanitation.

*Davis and Elkins College.*—Education, science.

*Fairmont State Normal College.*—Economics, general biology, geography, history, modern novel.

*Glennville State Normal School.*—American government, educational psychology, modern poetry, the short story.

*Marshall College.*—Education, physical education, psychology, sociology.

*Morris Harvey College.*—Algebra, education.

*New River State School.*—Economics, English, geology, history, language, mathematics.

*Shepherd College State Normal School.*—Art, economics, education, English, history.

*Storer College.*—Music, science.

*West Liberty State Normal School.*—Art, education, geography, home economics, health education, literature, mathematics, psychology, school management, sociology.

*West Virginia State College.*—English literature, municipal government, public-school music, tests and measurements.

*West Virginia University.*—Agriculture, arts and sciences, home economics, hygiene of maternity and nursing, industrial education, mining, public health nursing.

#### WISCONSIN:

*Milwaukee-Downer College.*—Art, clothing, food.\*

*State Teachers College (La Crosse).*—Any subject for which there is a sufficient request to form a class of 10 or more.

*State Teachers College (Milwaukee).*—Art, education, English, geography, history, kindergarten-primary, mathematics, music, physics, science, social science, speech.

*State Teachers College (Oshkosh).*—College physics.

*University of Wisconsin.*—Accounting, business, chemistry, economics, education, engineering (to include civil, electrical, mechanical), English, finance and credit, history, liberal education (to include appreciation of modern art, home planning and decorating, textiles), marketing and advertising, mathematics, modern languages, psychology, real estate, secretarial work, and practically any subject for which there is a demand.

#### WYOMING:

*University of Wyoming.*—Education, English, music.

### Radio

To the division of university extension of the Massachusetts State Department of Education, it is reported, belongs the credit of having originated and launched the first radio course given as college work. This broadcasting educational lectures as a part of a college course was begun in the fall of 1923 with an enrollment of three students; the course given was in household management. In the 29 subsequent courses given, 7,500 students have been enrolled.

Seventy-seven colleges and universities own and operate broadcasting stations, and approximately 80 other institutions of higher learning broadcast educational matter over commercial stations.

The procedure for enrollment for a subject by radio is made as simple as possible. Those who desire a certificate and personal correction of papers apply for enrollment blanks. When the blank is returned to the institution, together with a small fee, literature supplementing what is given over the radio is then sent to the student. The student, after listening to the lecture and reading the instructions, prepares his lesson or thesis and sends it to his instructor, who grades and returns it.

### Institutes, Conferences, or Short Courses

Institutes, conferences, or short courses were held during 1928-29 in 166 institutions of higher learning. Until recently there has been much confusion as to the significance of the terms "institutes," "conferences," and "short courses."

In 1924 a committee of the Association of Land-Grant Colleges made suggestions as follows:

(1) A short course is a course of systematic instruction in a given subject or group of subjects of shorter duration than a 4-year college course and not leading to a degree. Obviously a course of systematic instruction can not be given in a few unrelated lectures within a period of a few days.

(2) Extension meetings, farmers' weeks, and similar meetings for a few days, having a miscellaneous program and no really systematic instruction, should not be called short courses, but conferences or institutes.

(3) Short courses may be classified according to their duration as years' courses, months' courses, or weeks' courses and should be designated by their duration rather than by the general term "short course." For example, instead of announcing a short course in dairying, occupying six weeks, the college should announce a six weeks' course in dairying.

(4) Full consideration should be given by the colleges to whatever informational or instructional work is being done by their extension departments, by the special secondary schools, or by the ordinary high schools, and they should so limit and organize short courses as to give them a definite place in the college program without duplicating the work of other agencies.<sup>1</sup>

### Library Service

Library service is granted to the public by 177 colleges and universities in 45 States and Hawaii. If a State has no library system, these institutional libraries supply the demand upon them so far as their limited funds will permit. If there is a State library system, these college and university libraries render a more specialized service by furnishing organized study materials to individuals and to study groups.

The University of Virginia reports as follows on its library bureau:

The function of this bureau is to assemble information and reference material on subjects of current interest for the use of organizations or individuals requesting such data. The material is furnished at a nominal charge for postage and packing. Clippings from a number of newspapers and magazines of general appeal are filed, and bulletins of National and State organizations collected. Especial attention is given to supplying the needs of members of the Virginia High School League for material on the subject of the state-wide debate.

### Public Lectures

Women's clubs, teachers' institutes, and high schools frequently request lectures by faculty members of universities and colleges. Two hundred and twenty-nine institutions report that they rendered

<sup>1</sup> A History of Agricultural Education in the United States, 1785-1925, by A. C. True.

such service during 1928-29. In some cases they not only furnished the lecturers but often suggested subjects suitable for the occasions. Oftentimes slides and films, as well as music to accompany the lectures, are furnished. Some colleges and universities include in their lecture programs speakers from outside the State. This practice offers a wider choice of lecturers and creates a greater interest in the subjects studied.

### Home Reading Courses

Home reading courses render valuable assistance to persons who are unable to attend schools or colleges. Thirty-seven institutions report that they provide such courses. The types of courses offered follow: (1) Courses prepared by the institutions themselves, (2) the reading courses of the United States Office of Education, and (3) the "Reading with a Purpose" courses of the American Library Association.

The following descriptions of the reading courses mentioned are of interest:

(1) Some of the institutions provide courses of their own on subjects for which there is a demand. The number of these courses is growing constantly. An individual seeking information about reading material would do well to correspond with some institution in his State which offers this service. American and English literature are two subjects on which such courses are provided.

(2) The United States Office of Education has many reading courses. Each contains a short introduction, a list of books for suggested reading, with a brief annotation of the contents of each book recommended.

(3) The aim of the American Library Association in its series "Reading with a Purpose" is to aid readers in various fields who are looking for direction. Short reviews of the books to be read are given in each list; these reviews are written in a manner to arouse the interest of the reader. The lists are carefully made and are rendering a valuable service.

### Visual Instruction

The number of colleges and universities which report furnishing visual aids for instruction and entertainment purposes has increased during the past few years from 52 to 134. All of these institutions offer lantern slides; 93 offer films, 61 provide mounted pictures, and 56 unmounted pictures. The value of ordinary mounted and unmounted photographs and pictures is recognized more and more by teachers. Some educational institutions are offering short courses to teachers and club leaders on how to use visual aids to the best advantage.

The University of Alabama has been especially active in developing visual education, having obtained the services of a full-time expert and special equipment for carrying on the work.

For several years the extension division of the University of Wisconsin has loaned educational lantern slides, motion-picture films, mounted photographs, charts, anatomical casts, and other illustrative material to schools, churches, clubs, and other organizations. This service is organized in the bureau of visual instruction, which is making a thorough and systematic study of materials that may be used in illustrative teaching or in instruction through the medium of the eye, and placing such materials within easy and constant reach of all schools and other civic organizations of the State.

### Publications Educational in Nature

The issuance for general distribution of publications of an educational nature is reported by 126 colleges and universities. The following titles reported by two institutions will give an idea of the character of publications available:

*University of Illinois.*—Bulletins on agriculture, biology, commerce, education, engineering, English, Germanic philology, paleopathology, the Life of the Pleistocene, the Pilgrim Tercentenary, etc.

*University of California.*—Agricultural sciences, anatomy, archeology and ethnology, astronomy, botany, classical philology, economics, education, engineering, entomology, geography, geology, history, mathematics, modern philology, pathology, philosophy, psychology, Semitic philology, zoology; also circulars and bulletins of the agricultural experiment station, a library bulletin, a semi-annual bulletin of the sismographic stations, and a series of prize essays.

### Parent-Teacher Associations and Other Club Service

The parent-teacher movement has developed to such an extent and has become such an important factor that courses of instruction in parent-teacher activities have been offered by many colleges and universities. In 1929 the parent-teacher associations had a national membership of 1,382,742.

One hundred and thirty-three institutions of higher learning report that they promote parent-teacher association service, and 115 report that they render other club service. This is done by assisting in the formulation of programs, giving advice and information on the topics of study, publishing pamphlets, distributing literature, and helping to prepare monthly bulletins for the organizations they serve.

### Community Drama

The great task of teaching people to play, to interpret through pageants, folk plays, and dramas the spirit and history of the State, has fallen to the universities and colleges. Through such work these

institutions keep alive the traditions that reach far back into the history of the race. One hundred and five institutions report that they are active in this important work.

The catalogue of the University of North Carolina has this to say of its bureau of community drama:

The bureau aims to encourage the writing of original plays drawn from traditional and local history and also from the present-day life of the people. The services of a trained director will be supplied, where practicable, either to produce a play or to give advice concerning the details of scenery, costuming, make-up, etc. Field representatives will be sent out to advise concerning stage construction and equipment.

The bureau will undertake the direction of the writing of communal plays based on history and tradition. It will aid any community in securing an expert dramatic director, who will take entire charge of the production, if desired. The library extension service may be utilized by any citizen of the State in selecting plays and pageants and procuring reference books on production, as well as historical material for the writing of community pageants and plays.

### Promotion of Debates

Public debate is thought by some to be one of the best means of informing the general public on questions of general interest. One hundred and ninety-one colleges and universities report that they sponsor debates. Great interest in debate is shown by adults of all ages, as well as by high-school boys and girls. Many of the universities and colleges arrange for annual meets of debating teams, where members of the faculty and others serve as judges. In some cases these debates are broadcast over the radio, thus becoming national in scope.

The University of Texas cooperates with the State organization of public schools, formed at the State Teachers Association meeting at Abilene in 1910, in conducting local, county, district, and State contests in debating, music memory, declamation, essay writing, spelling, and athletics. Each school belonging to the league pays an annual membership fee proportioned to the size of the school. The membership has increased from 28 schools in 1911 to more than 4,000 in 1925. The league is generally recognized as an important factor in promoting education for citizenship.

The University of Colorado strives to stimulate, and maintain interest and activity in debating and oratory among the high schools of Colorado, and for this purpose the State High School Debating League is jointly operated and directed by the extension division and debating and oratory section of the department of English language. In this way debating contests are conducted throughout the State each year. Any high school may participate. The schools desiring to join the league are placed in four groups according to a geographical division of the State. Elimination contests are held in each district during the winter and early spring months. The four



winning teams then come to the university for the championship debate. The winners of the championship are recognized by the award of suitable medals.

### Miscellaneous Extension Work

A few institutions have recently inaugurated some extension work along lines outside of the usual ones listed, as follows: The University of Kansas sponsors a short course for members of the fire department; the University of Kentucky gives a noncredit course by correspondence for miners; Bucknell University (Pennsylvania) gives a course in sanitation for barbers. Northern Normal and Industrial School (South Dakota), through its extension department, is cooperating with the new science fraternity organized in the institution to give service to the science teachers in the field, and also to help stimulate an interest in science subjects in the high schools of the State.

The University of Wisconsin reports that to meet the need for information in the important field of municipal government, information which is difficult to obtain and hard to keep up to date, a bureau of municipal information is maintained for the service of the cities and villages of the State. The bureau collects and furnishes technical information on all subjects of municipal organization and administration, public works, public utilities and public service rates, commission and city manager government, home rule, and civic organizations. It also gives information on municipal employment, paving, parks and playgrounds, housing, dust prevention, smoke abatement, city planning, civic centers, art commissions, care of city trees, schools, accounting methods, comparative statistics, and other subjects of municipal interest. It collects and maintains a file of charters, ordinances, and official publications of the principal cities of the United States. It has correspondents in most of the American cities, and in this way is able to furnish information as to which cities have passed an ordinance of any type (for instance, a milk ordinance or a wheel tax ordinance); to present data as to the efficiency of different types of ordinances; and, if desired, to lend copies of particular enactments. It can tell how boards of public works are organized in various cities, how school boards are constituted, or how street sprinkling or street repairs are paid for. In short, it aims to be a clearing house for municipal experiments and experiences.

To create more general interest in art and to facilitate a more universal application of artistic principles in the home and in the public life of the State, the division of extension of the University of Virginia has established a bureau of art extension. Thus far its offerings consist chiefly in the loan of exhibits of Medici prints of famous paintings to schools, churches, and other organizations throughout the State. The prints are arranged by schools and include productions from the Italian, Flemish, French, English, German, and Spanish.

The University of North Carolina announces a transcontinental study tour, and is also sponsoring for 1930 the third annual residential tour to France which provides for credit courses in French language and literature.

Rutgers University (New Jersey) will conduct a third annual engineering tour to Europe from July 5 to September 1, 1930. A credit course in management problems will be given in connection with the tour.

The Tuskegee Normal and Industrial Institute (Alabama) reports that its movable school is one phase of agricultural extension which is undoubtedly the best means discovered for proving to the country people generally that they can improve their own condition. This work is especially adapted to negro farmers, for the simple reason that it reaches "the man farthest down," who lives in the remote sections of the rural districts; hence the methods used by the workers must needs be elementary. The real object of the movable school of agriculture is to place before the farmers concrete illustrations proving to them that they can do better work, make more produce on a smaller number of acres of land at less expense, and at the same time beautify their homes. The movable school is equipped with a motor truck, which carries tools and implements with which to teach the farmers how to work, and in addition carries equipment to teach the farmers as well how to play. This form of exercise includes athletics for boys and girls and various forms of mild recreation for men and women. The movable school force consists of one man agent, one woman agent, and a public-health nurse. The simple and practical demonstrations carried on by the agents of this school go far toward stimulating interest of the negro farmer in his home and strengthening his attachment for it, even though he may not own it. ✓

### Tendencies

There is a growing tendency for educational institutions to combine their efforts in extension work. The Connecticut State Board of Education under its present arrangement provides courses and lectures for study groups through the Connecticut University Committee by staff members of the following institutions: Yale University, Wesleyan University, Trinity College, Hartford Theological Seminary Foundation, Connecticut College for Women, the State board of education professional staff, the Danbury Normal School, New Britain Normal School, New Haven Normal School, and the Willimantic Normal School.

Practically all of the universities and colleges in Massachusetts cooperate with the State department of education in university extension activities, contributing definitely in some way to adult education outside of university and college walls.

The University of Virginia has invited other educational institutions of the State to cooperate in extension work.

The University of Oregon has for some time had cooperative arrangements with other educational institutions in the State, so that a wide range of opportunities is available.

Many colleges and universities have found it to their advantage to establish extension centers. At each of these centers there is usually a resident faculty. By the addition of local instructors employed on a part-time basis, and by occasional visits of regular faculty members, the educational needs of the center can be supplied. In many localities these centers serve as junior colleges.

