

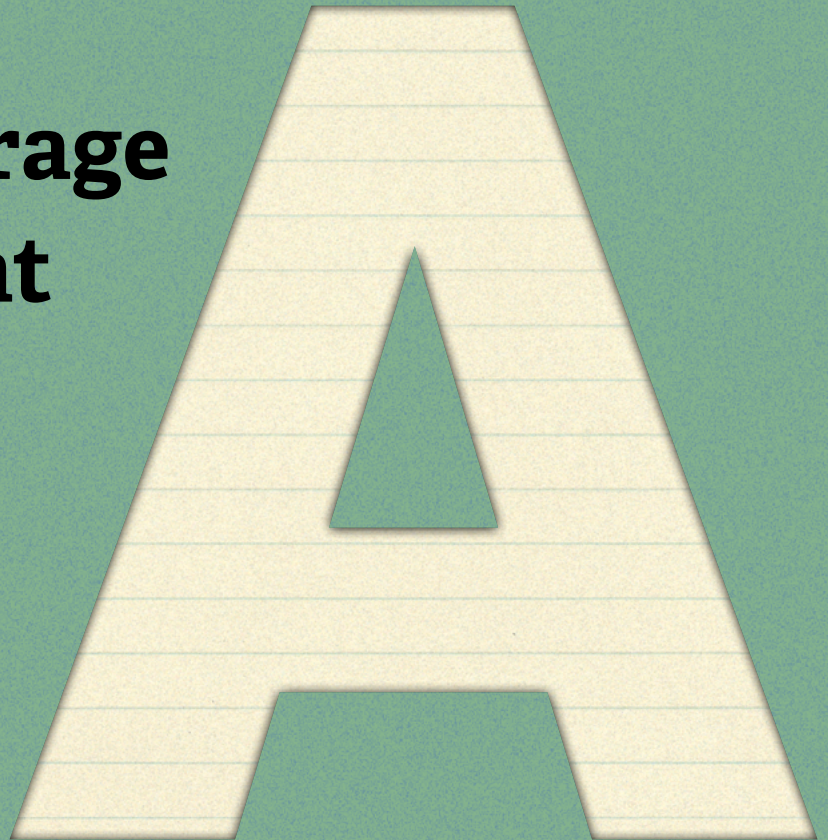


Appendix A

Program Coverage of Core Content

| | |
|--|-----------|
| <u>Undergraduate elementary programs</u> | <u>2</u> |
| <u>Graduate elementary programs</u> | <u>29</u> |
| <u>Alternative route programs</u> | <u>37</u> |

Note: Undergraduate program data are based on requirements from the years 2014 to 2016. Graduate program data are based on requirements from 2014 to 2018. Alternative route program data are based on requirements from 2016 to 2018.





Undergraduate Elementary Programs

| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|--|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| AL | Athens State University | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| AL | Auburn University | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| AL | Birmingham Southern College | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| AL | Concordia College Alabama ³ | ● | ● | ● | ○ | ○ | ● ¹ | ○ | ● | ● | ○ | ○ |
| AL | Miles College | ● | ○ | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ● |
| AL | Samford University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| AL | Troy University | ● | ○ | ● | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ● |
| AL | University of Alabama | ● | ● | ● | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| AL | University of Alabama in Huntsville | ● | ○ | ○ | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ |
| AL | University of Mobile | ● | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| AL | University of Montevallo | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| AL | University of South Alabama | ● | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| AL | University of West Alabama | ● | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| AK | University of Alaska Anchorage | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| AK | University of Alaska Fairbanks | ● | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| AZ | Arizona State University | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| AZ | Northern Arizona University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| AZ | Ottawa University - Phoenix | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| AZ | University of Arizona | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| AZ | University of Phoenix | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| AR | Arkansas State University | ● | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| AR | Arkansas Tech University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| AR | Harding University | ● | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |

Notes

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- = Program does not have aligned content because it does not require any course or adequate admissions test on this topic, because the required course is not aligned with the needs of elementary candidates, or because candidates can choose from too many misaligned course options.

¹ Program has aligned content by requiring one course in either early/ancient history or modern history on this topic.

² Program has aligned content by requiring two courses addressing both early/ancient history and modern history, or by requiring an adequate admissions test on this topic.

³ Institution has closed down since the time of analysis.



| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|---|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| AR | Henderson State University | ○ | ● | ● | ○ | ● | ● ¹ | ● ¹ | ○ | ● | ○ | ○ |
| AR | John Brown University | ● | ○ | ● | ○ | No data | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| AR | Ouachita Baptist University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| AR | University of Arkansas | ● | ● | ○ | ○ | ● | ● ² | ● ¹ | ○ | ● | ○ | ● |
| AR | University of Arkansas at Little Rock | ● | ● | ○ | ○ | ○ | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |
| AR | University of Arkansas at Pine Bluff | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ● | ○ |
| AR | Williams Baptist College | ● | ○ | ● | ○ | ○ | ● ² | ○ | ● | ○ | ○ | ○ |
| CA | California State University - Bakersfield | ● | ○ | ○ | ○ | ● | ● ² | ● ¹ | ○ | ○ | ● | ● |
| CA | California State University - Chico | ● | ○ | ○ | ○ | ○ | ● ² | ● ² | ● | ● | ○ | ● |
| CA | California State University - East Bay | ● | ○ | ○ | ○ | ● | ○ | ● ² | ● | ● | ● | ● |
| CA | California State University - Northridge | ● | ● | ○ | ○ | ● | ● ² | ● ¹ | ● | ● | ○ | ● |
| CA | Loyola Marymount University | ○ | ● | ○ | ○ | ● | ● ¹ | ● ² | ● | ○ | ○ | ○ |
| CA | Mills College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| CA | National University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ |
| CA | Notre Dame de Namur University | ● | ● | ○ | ○ | ○ | ● ² | ● ² | ● | ● | ○ | ○ |
| CA | University of Redlands | ○ | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| CA | University of the Pacific | ○ | ○ | ○ | ○ | ○ | ● ² | ● ¹ | ○ | ● | ○ | ● |
| CO | Adams State University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| CO | Colorado Christian University | ● | ● | ● | ○ | ● | ● ² | ○ | ● | ● | ○ | ● |
| CO | Colorado State University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| CO | Colorado State University - Pueblo | ● | ● | ○ | ○ | ○ | ● ¹ | ● ¹ | ● | ● | ● | ○ |
| CO | Fort Lewis College | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| CO | Regis University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| CO | University of Colorado Boulder | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| CO | University of Colorado Colorado Springs | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| CO | University of Northern Colorado | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ● | ● | ● | ○ |
| CO | Western State Colorado University | ● | ○ | ○ | ○ | ○ | ● ² | ○ | ● | ○ | ○ | ○ |
| CT | Central Connecticut State University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ● | ○ | ○ |
| CT | Eastern Connecticut State University | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| CT | Sacred Heart University | ○ | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| CT | Southern Connecticut State University | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| CT | University of Saint Joseph | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| CT | Western Connecticut State University | ○ | ○ | ○ | ○ | ○ | ● ² | ○ | ● | ○ | ○ | ○ |
| DE | Delaware State University | ● | ● | ● | ○ | ● | ● ¹ | ○ | ● | ○ | ○ | ○ |



| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|--|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| DE | Wesley College | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● |
| DE | Wilmington University | ● | ● | ○ | ○ | ○ | ● ² | ● ¹ | ● | ○ | ○ | ● |
| DC | Catholic University of America | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| DC | University of the District of Columbia | ● | ● | ○ | ○ | ○ | ● ² | ○ | ● | ● | ○ | ○ |
| FL | Barry University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| FL | Bethune-Cookman University | ● | ● | ○ | ○ | ○ | ● ² | ○ | ● | ● | ○ | ○ |
| FL | Chipola College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ |
| FL | Daytona State College | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| FL | Flagler College | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ● |
| FL | Florida Agricultural and Mechanical University | ○ | ● | ● | ○ | ○ | ○ | ○ | ○ | ● | ○ | ● |
| FL | Florida Atlantic University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| FL | Florida Gulf Coast University | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| FL | Florida International University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| FL | Florida SouthWestern State College | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| FL | Florida Southern College | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| FL | Florida State College at Jacksonville | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| FL | Florida State University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| FL | Northwest Florida State College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ |
| FL | Palm Beach Atlantic University | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ○ | ● | ○ | ○ |
| FL | Saint Leo University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| FL | Southeastern University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ● |
| FL | Stetson University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| FL | University of Florida | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| FL | University of Miami | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| FL | University of North Florida | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| FL | University of South Florida | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| FL | University of Tampa | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| FL | University of West Florida | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| FL | Warner University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |

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|----|---|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| GA | Albany State University | ● | ● | ○ | ○ | ○ | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |
| GA | Armstrong State University ³ | ● | ● | ○ | ○ | ○ | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |
| GA | Augusta University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ● |
| GA | Berry College | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| GA | Brenau University | ● | ○ | ● | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| GA | Brewton-Parker College | ● | ● | ○ | ○ | ● | ● ² | ● ² | ○ | ● | ○ | ● |
| GA | Clark Atlanta University | ● | ○ | ● | ○ | ○ | ● ² | ○ | ○ | ● | ○ | ● |
| GA | Columbus State University | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| GA | Covenant College | ● | ● | ○ | ○ | ○ | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |
| GA | Dalton State College | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ● |
| GA | Emmanuel College | ● | ○ | ○ | ○ | ○ | ● ² | ○ | ○ | ● | ○ | ● |
| GA | Georgia College and State University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ○ |
| GA | Georgia Southern University | ● | ○ | ○ | ○ | ○ | ● ² | ● ¹ | ○ | ○ | ○ | ● |
| GA | Georgia Southwestern State University | ● | ● | ● | ○ | ○ | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |
| GA | Georgia State University | ● | ○ | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ○ |
| GA | Gordon State College | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ● |
| GA | Mercer University | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| GA | Middle Georgia State University | ● | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| GA | Piedmont College | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ● | ○ | ○ |
| GA | Reinhardt University | ● | ○ | ● | ○ | ● | ● ¹ | ● ¹ | ○ | ○ | ○ | ● |
| GA | Shorter University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ● | ○ | ○ |
| GA | Thomas University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ● |
| GA | Toccoa Falls College | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ● | ○ | ● |
| GA | University of Georgia | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| GA | University of North Georgia (Gainesville State) | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| GA | University of West Georgia | ● | ● | ○ | ○ | ● | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |
| GA | Valdosta State University | ● | ○ | ● | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| GA | Wesleyan College | ○ | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ● | ● | ○ |
| HI | Brigham Young University - Hawaii | ● | ○ | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ |
| HI | Chaminade University of Honolulu | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| HI | University of Hawaii - West O'ahu | ● | ● | ○ | ○ | ○ | ○ | ● ¹ | ● | ○ | ○ | ● |
| HI | University of Hawaii at Manoa | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| ID | Brigham Young University - Idaho | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| ID | Idaho State University | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| ID | Lewis-Clark State College | ● | ● | ● | ● | ● | ● ² | ● ² | ● | ● | ● | ● |



| ID | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|-------------------------------|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| ID | Northwest Nazarene University | ● | ● | ○ | ○ | ● | ● ¹ | ● ¹ | ● | ● | ○ | ○ |
| ID | University of Idaho | ○ | ○ | ○ | ○ | ○ | ● ¹ | ● ¹ | ○ | ○ | ○ | ● |
| IL | Augustana College | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| IL | Aurora University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ● |
| IL | Benedictine University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| IL | Blackburn College | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| IL | Bradley University | ● | ● | ○ | ○ | ○ | ● ¹ | ● ¹ | ○ | ○ | ● | ○ |
| IL | Chicago State University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ● |
| IL | Concordia University Chicago | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| IL | DePaul University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| IL | Dominican University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| IL | Eastern Illinois University | ● | ○ | ○ | ○ | ● | ● ¹ | ○ | ● | ○ | ○ | ○ |
| IL | Elmhurst College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| IL | Eureka College | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ● | ○ |
| IL | Governors State University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| IL | Greenville College | ● | ● | ○ | ○ | ● | ● ² | ● ¹ | ● | ○ | ○ | ○ |
| IL | Illinois College | ● | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| IL | Illinois State University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ● | ○ | ○ |
| IL | Illinois Wesleyan University | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| IL | Judson University | ○ | ○ | ○ | ○ | ○ | ● ² | ● ¹ | ○ | ○ | ○ | ○ |
| IL | Kendall College | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| IL | Knox College | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| IL | Lewis University | ● | ● | ○ | ○ | ○ | ● ¹ | ● ² | ○ | ○ | ○ | ○ |
| IL | Loyola University Chicago | ● | ● | ○ | ○ | ○ | ● ¹ | ● ¹ | ○ | ● | ○ | ● |
| IL | Millikin University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| IL | Monmouth College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ |
| IL | National Louis University | ○ | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ● | ○ | ○ |
| IL | North Central College | ● | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| IL | North Park University | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| IL | Northern Illinois University | ● | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ○ |

Notes

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- ¹ Program has aligned content by requiring one course in either early/ancient history or modern history on this topic.
- ² Program has aligned content by requiring two courses addressing both early/ancient history and modern history, or by requiring an adequate admissions test on this topic.
- ³ Institution has closed down since the time of analysis.



| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|---|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| IL | Quincy University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ● | ○ | ● |
| IL | Rockford University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| IL | Roosevelt University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| IL | Southern Illinois University Carbondale | ● | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| IL | Southern Illinois University Edwardsville | ● | ○ | ○ | ○ | ○ | ● ² | ○ | ● | ○ | ○ | ○ |
| IL | Trinity Christian College | ● | ● | ○ | ○ | ○ | ● ² | ● ¹ | ● | ● | ● | ○ |
| IL | University of Illinois Springfield | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| IL | University of Illinois at Chicago | ● | ○ | ○ | ○ | ● | ● ¹ | ○ | ● | ○ | ○ | ● |
| IL | University of Illinois at Urbana-Champaign | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| IL | University of St. Francis | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| IL | Western Illinois University | ● | ● | ○ | ○ | ○ | ● ² | ○ | ● | ● | ○ | ○ |
| IL | Wheaton College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| IN | Anderson University | ● | ○ | ● | ○ | ○ | ● ¹ | ● ¹ | ○ | ● | ○ | ○ |
| IN | Ball State University | ● | ● | ○ | ○ | No data | ● ¹ | ● ¹ | ● | ○ | ○ | ○ |
| IN | Bethel College | ● | ● | ○ | ○ | ● | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |
| IN | Butler University | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| IN | Calumet College of St. Joseph | ● | ● | ● | ○ | ● | ○ | ○ | ○ | ● | ○ | ○ |
| IN | Franklin College | ● | ● | ● | ○ | ○ | ● ¹ | ● ¹ | ○ | ● | ○ | ○ |
| IN | Goshen College | ○ | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| IN | Grace College and Theological Seminary | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ● | ○ | ● |
| IN | Huntington University | ● | ● | ● | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| IN | Indiana State University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| IN | Indiana University - Bloomington | ○ | ○ | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ● |
| IN | Indiana University - East | ● | ○ | ○ | ○ | ○ | ● ¹ | ● ¹ | ● | ○ | ○ | ○ |
| IN | Indiana University - Kokomo | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| IN | Indiana University - Northwest | ○ | ● | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| IN | Indiana University - South Bend | ● | ○ | ○ | ○ | ● | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |
| IN | Indiana University - Southeast | ● | ○ | ○ | ○ | ● | ● ¹ | ● ¹ | ● | ● | ● | ○ |
| IN | Indiana University-Purdue University Fort Wayne | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ○ | ● | ○ | ○ |
| IN | Indiana University-Purdue University Indianapolis | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| IN | Indiana Wesleyan University | ○ | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ● |
| IN | Manchester University | ○ | ○ | ○ | ○ | ○ | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |



| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|--|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| IN | Oakland City University | ● | ○ | ● | ○ | ○ | ● ¹ | ● ¹ | ○ | ○ | ● | ● |
| IN | Purdue University | ● | ○ | ○ | ○ | ● | ○ | ● ¹ | ○ | ● | ● | ● |
| IN | Saint Joseph's College ³ | ○ | ○ | ○ | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ |
| IN | Saint Mary's College | ○ | ● | ○ | ○ | ● | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |
| IN | Saint Mary-of-the-Woods College | ● | ○ | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ |
| IN | Taylor University | ● | ● | ● | ○ | ● | ● ¹ | ● ¹ | ● | ● | ○ | ○ |
| IN | University of Evansville | ○ | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| IN | University of Indianapolis | ● | ○ | ○ | ○ | ○ | ● ¹ | ● ¹ | ● | ○ | ○ | ● |
| IN | University of Saint Francis | ● | ○ | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ● | ○ |
| IN | University of Southern Indiana | ● | ● | ● | ○ | ● | ● ¹ | ● ² | ○ | ○ | ○ | ○ |
| IN | Vincennes University | ● | ● | ● | ○ | ● | ○ | ● ¹ | ○ | ○ | ○ | ○ |
| IA | Briar Cliff University | ○ | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| IA | Buena Vista University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| IA | Central College | ● | ● | ● | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ |
| IA | Clarke University | ○ | ● | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| IA | Coe College | ● | ● | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| IA | Cornell College | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| IA | Dordt College | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| IA | Faith Baptist Bible College and Theological Seminary | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ● | ○ | ○ |
| IA | Graceland University | ● | ● | ● | ● | ○ | ● ² | ● ² | ● | ● | ● | ● |
| IA | Grand View University | ● | ● | ○ | ○ | ● | ○ | ○ | ○ | ● | ○ | ○ |
| IA | Iowa State University | ○ | ● | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| IA | Iowa Wesleyan University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ● |
| IA | Loras College | ● | ● | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| IA | Luther College | ○ | ● | ○ | ○ | ● | ○ | ○ | ● | ○ | ○ | ○ |
| IA | Morningside College | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| IA | Mount Mercy University | ○ | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| IA | Northwestern College | ● | ● | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| IA | Simpson College | ○ | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |

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| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|-----------------------------------|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| IA | St. Ambrose University | ● | ● | ○ | ○ | ● | ○ | ○ | ● | ○ | ○ | ○ |
| IA | University of Dubuque | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| IA | University of Iowa | ○ | ● | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| IA | University of Northern Iowa | ● | ● | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| IA | Upper Iowa University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| IA | Waldorf College | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| IA | Wartburg College | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| IA | William Penn University | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| KS | Baker University | ○ | ● | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| KS | Benedictine College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| KS | Bethany College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ |
| KS | Emporia State University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| KS | Fort Hays State University | ● | ● | ○ | ○ | ○ | ● ² | ● ² | ● | ○ | ○ | ○ |
| KS | Friends University | ● | ○ | ● | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| KS | Haskell Indian Nations University | ● | ● | ○ | ○ | ○ | ○ | ● ¹ | ● | ● | ○ | ○ |
| KS | Kansas State University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| KS | MidAmerica Nazarene University | ● | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ● |
| KS | Newman University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| KS | Ottawa University | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| KS | Pittsburg State University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ● | ○ |
| KS | Southwestern College | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| KS | Sterling College | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| KS | University of Kansas | ● | ● | ○ | ○ | ● | ● ² | ○ | ● | ○ | ● | ○ |
| KS | University of Saint Mary | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| KS | Washburn University | ● | ○ | ○ | ○ | ○ | ● ¹ | ● ¹ | ● | ● | ○ | ○ |
| KS | Wichita State University | ○ | ○ | ○ | ○ | ● | ● ² | ● ² | ● | ● | ● | ● |
| KY | Asbury University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| KY | Campbellsville University | ● | ● | ○ | ○ | ○ | ● ² | ● ¹ | ● | ● | ● | ● |
| KY | Eastern Kentucky University | ● | ○ | ● | ○ | ○ | ● ² | ○ | ● | ○ | ○ | ○ |
| KY | Georgetown College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ |
| KY | Kentucky Christian University | ● | ● | ○ | ● | ○ | ● ¹ | ○ | ○ | ○ | ○ | ● |
| KY | Kentucky State University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| KY | Kentucky Wesleyan College | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ● | ○ | ○ |
| KY | Lindsey Wilson College | ● | ● | ○ | ○ | ○ | ● ² | ● ¹ | ● | ○ | ○ | ● |
| KY | Midway University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| KY | Morehead State University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |



| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|--|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| KY | Northern Kentucky University | ● | ● | ○ | ○ | ● | ○ | ○ | ○ | ● | ○ | ○ |
| KY | Spalding University | ● | ● | ○ | ○ | ● | ● ² | ○ | ○ | ● | ○ | ● |
| KY | Thomas More College | ● | ● | ○ | ○ | ○ | ● ¹ | ● ¹ | ● | ○ | ○ | ○ |
| KY | Union College | ● | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ |
| KY | University of Kentucky | ● | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ● | ○ | ○ |
| KY | University of Louisville | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| KY | University of Pikeville | ● | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ● | ● | ● |
| LA | Grambling State University | ● | ● | ● | ○ | ○ | ● ¹ | ● ¹ | ● | ● | ○ | ● |
| LA | Louisiana College | ● | ● | ● | ○ | ○ | ● ¹ | ○ | ● | ● | ○ | ○ |
| LA | Louisiana State University - Alexandria | ○ | ● | ○ | ○ | ● | ● ² | ○ | ○ | ● | ○ | ● |
| LA | Louisiana State University - Shreveport | ○ | ○ | ○ | ● | ● | ● ² | ● ¹ | ● | ● | ○ | ○ |
| LA | Louisiana State University and Agricultural & Mechanical College | ● | ● | ○ | ● | ● | ● ¹ | ○ | ● | ● | ○ | ● |
| LA | Louisiana Tech University | ● | ○ | ○ | ● | ● | ● ² | ○ | ● | ● | ○ | ● |
| LA | McNeese State University | ○ | ○ | ○ | ○ | ● | ● ² | ● ¹ | ● | ● | ○ | ○ |
| LA | Nicholls State University | ○ | ● | ○ | ○ | ● | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |
| LA | Northwestern State University of Louisiana | ○ | ○ | ○ | ○ | ● | ● ¹ | ○ | ● | ● | ● | ● |
| LA | Southeastern Louisiana University | ● | ● | ● | ○ | ● | ● ¹ | ○ | ● | ● | ○ | ○ |
| LA | Southern University and A&M College | ● | ○ | ● | ○ | ○ | ● ² | ○ | ● | ● | ● | ● |
| LA | Southern University at New Orleans | ● | ● | ○ | ○ | ○ | ● ² | ○ | ● | ● | ○ | ● |
| LA | University of Holy Cross | ● | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ● | ○ | ● |
| LA | University of Louisiana at Lafayette | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ● | ● |
| LA | University of Louisiana at Monroe | ○ | ○ | ○ | ● | ● | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |
| ME | Husson University | ○ | ● | ○ | ○ | ○ | ● ¹ | ● ¹ | ○ | ○ | ○ | ● |
| ME | Saint Joseph's College of Maine | ● | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ○ |
| ME | University of Maine at Farmington | ● | ○ | ○ | ○ | No data | ○ | ○ | ○ | ○ | ○ | ○ |
| ME | University of Maine at Fort Kent | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| ME | University of Maine at Machias | ● | ○ | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ |

Notes

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- = Program does not have aligned content because it does not require any course or adequate admissions test on this topic, because the required course is not aligned with the needs of elementary candidates, or because candidates can choose from too many misaligned course options.

¹ Program has aligned content by requiring one course in either early/ancient history or modern history on this topic.

² Program has aligned content by requiring two courses addressing both early/ancient history and modern history, or by requiring an adequate admissions test on this topic.

³ Institution has closed down since the time of analysis.



| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|--|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| ME | University of Maine at Presque Isle | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| ME | University of New England | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| ME | University of Southern Maine | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MD | Goucher College | ● | ○ | ○ | ○ | ● | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |
| MD | Hood College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| MD | Morgan State University | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| MD | Salisbury University | ● | ● | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| MD | Stevenson University | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| MD | Towson University | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ○ | ● | ○ | ○ |
| MD | University of Maryland - Baltimore County | ● | ○ | ○ | ○ | ● | ○ | ○ | ● | ○ | ○ | ○ |
| MD | University of Maryland - College Park | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MD | Washington College | ● | ● | ● | ● | ● | ● ² | ● ² | ● | ● | ● | ● |
| MA | Assumption College | ● | ● | ○ | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ |
| MA | Boston College | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| MA | Bridgewater State University | ● | ○ | ○ | ○ | ● | ● ² | ● ¹ | ● | ○ | ○ | ○ |
| MA | Eastern Nazarene College | ● | ○ | ○ | ○ | ○ | ● ² | ○ | ● | ○ | ○ | ○ |
| MA | Elms College (College of Our Lady of the Elms) | ● | ○ | ○ | ○ | ○ | ● ² | ● ¹ | ○ | ○ | ○ | ○ |
| MA | Endicott College | ● | ● | ● | ○ | ○ | ● ² | ○ | ● | ○ | ○ | ○ |
| MA | Framingham State University | ● | ○ | ○ | ● | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| MA | Gordon College | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| MA | Lesley University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MA | Massachusetts College of Liberal Arts | ● | ● | ○ | ○ | ○ | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |
| MA | Merrimack College | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MA | Mount Holyoke College | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| MA | Smith College | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| MA | Stonehill College | ○ | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MA | Worcester State University | ● | ○ | ● | ○ | ● | ● ² | ● ¹ | ● | ○ | ○ | ○ |
| MI | Albion College | ● | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MI | Alma College | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MI | Andrews University | ● | ● | ○ | ○ | ○ | ● ² | ○ | ● | ● | ○ | ○ |
| MI | Aquinas College | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| MI | Baker College of Flint | ● | ● | ○ | ○ | ● | ● ² | ○ | ● | ○ | ○ | ● |
| MI | Calvin College | ● | ● | ○ | ○ | ○ | ○ | ● ¹ | ● | ○ | ○ | ○ |



| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|---|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| MI | Central Michigan University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ● |
| MI | Concordia University Ann Arbor | ● | ○ | ● | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MI | Cornerstone University | ● | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ |
| MI | Eastern Michigan University | ○ | ● | ○ | ○ | ● | ● ² | ○ | ● | ○ | ○ | ○ |
| MI | Ferris State University | ● | ● | ● | ○ | ● | ● ² | ○ | ● | ● | ○ | ● |
| MI | Grand Valley State University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ● |
| MI | Hope College | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| MI | Lake Superior State University | ● | ● | ○ | ○ | ● | ● ² | ○ | ● | ● | ○ | ● |
| MI | Madonna University | ● | ● | ● | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MI | Marygrove College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| MI | Michigan State University | ○ | ● | ○ | ○ | ● | ● ¹ | ○ | ● | ○ | ○ | ○ |
| MI | Saginaw Valley State University | ● | ○ | ● | ○ | ● | ● ² | ○ | ● | ● | ● | ○ |
| MI | Siena Heights University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| MI | Spring Arbor University | ● | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| MI | University of Detroit Mercy | ● | ○ | ○ | ○ | ● | ● ² | ● ¹ | ● | ○ | ○ | ○ |
| MI | University of Michigan - Ann Arbor | ○ | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MI | University of Michigan - Dearborn | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| MI | University of Michigan - Flint | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MI | Western Michigan University | ○ | ○ | ○ | ○ | ○ | ● ¹ | ● ¹ | ● | ● | ○ | ● |
| MN | Augsburg College | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| MN | Bemidji State University | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| MN | Bethel University | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| MN | College of Saint Benedict and Saint John's University | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| MN | College of Saint Scholastica | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ● |
| MN | Concordia College at Moorhead | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| MN | Concordia University St. Paul | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● |
| MN | Crown College | ● | ● | ○ | ○ | ○ | ● ¹ | ● ¹ | ○ | ● | ○ | ○ |
| MN | Gustavus Adolphus College | ○ | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MN | Hamline University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |

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- ³ Institution has closed down since the time of analysis.



| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|---|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| MN | Metropolitan State University | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| MN | Minnesota State University - Mankato | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ● | ○ | ○ | ● |
| MN | Minnesota State University - Moorhead | ● | ● | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| MN | Southwest Minnesota State University | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| MN | St. Catherine University | ○ | ● | ○ | ○ | ● | ○ | ○ | ● | ○ | ○ | ○ |
| MN | St. Cloud State University | ● | ● | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| MN | University of Minnesota - Crookston | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ |
| MN | University of Minnesota - Duluth | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MN | University of Minnesota - Morris | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| MN | University of Northwestern - St. Paul | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| MN | University of St. Thomas | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| MN | Winona State University | ● | ● | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| MS | Belhaven University | ● | ● | ○ | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ |
| MS | Blue Mountain College | ● | ● | ● | ○ | ○ | ● ² | ○ | ● | ● | ○ | ○ |
| MS | Delta State University | ● | ● | ○ | ○ | ● | ● ¹ | ● ¹ | ● | ○ | ○ | ● |
| MS | Jackson State University | ● | ○ | ● | ○ | ○ | ○ | ● ² | ○ | ● | ● | ● |
| MS | Millsaps College | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| MS | Mississippi College | ● | ● | ● | ○ | ● | ● ² | ○ | ○ | ○ | ○ | ● |
| MS | Mississippi State University | ● | ○ | ○ | ○ | ○ | ● ² | ○ | ● | ○ | ○ | ○ |
| MS | Mississippi University for Women | ● | ○ | ● | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| MS | Mississippi Valley State University | ● | ○ | ● | ○ | ○ | ● ² | ● ² | ○ | ● | ● | ○ |
| MS | Tougaloo College | ● | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ |
| MS | University of Mississippi | ● | ○ | ● | ○ | ● | ○ | ○ | ● | ○ | ○ | ○ |
| MS | University of Southern Mississippi | ● | ○ | ● | ○ | ○ | ○ | ● ² | ● | ○ | ○ | ○ |
| MS | William Carey University | ● | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ● | ○ |
| MO | Avila University | ● | ● | ● | ● | ○ | ● ¹ | ○ | ● | ● | ○ | ● |
| MO | Central Methodist University - College of Liberal Arts & Sciences | ● | ● | ● | ● | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| MO | College of the Ozarks | ● | ● | ● | ● | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| MO | Columbia College | ● | ● | ● | ● | ○ | ● ² | ○ | ○ | ○ | ○ | ○ |
| MO | Drury University | ● | ● | ● | ● | ○ | ● ² | ○ | ○ | ○ | ○ | ○ |
| MO | Evangel University | ● | ● | ● | ● | ○ | ● ² | ○ | ● | ○ | ○ | ● |
| MO | Fontbonne University | ● | ● | ● | ● | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MO | Hannibal-LaGrange University | ● | ● | ● | ● | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MO | Harris-Stowe State University | ● | ● | ● | ● | ○ | ● ¹ | ○ | ○ | ● | ● | ○ |



| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|--------------------------------------|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| MO | Lincoln University | ● | ○ | ● | ● | ○ | ● ¹ | ● ¹ | ○ | ● | ○ | ● |
| MO | Maryville University of St. Louis | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ● |
| MO | Missouri Baptist University | ● | ○ | ● | ○ | ○ | ● ² | ○ | ○ | ● | ○ | ○ |
| MO | Missouri Southern State University | ● | ● | ● | ○ | ○ | ● ¹ | ○ | ● | ● | ○ | ● |
| MO | Missouri State University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| MO | Missouri Valley College | ● | ● | ● | ● | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MO | Missouri Western State University | ● | ● | ● | ● | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MO | Northwest Missouri State University | ● | ● | ● | ● | ○ | ● ¹ | ○ | ● | ● | ○ | ○ |
| MO | Park University | ● | ● | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ |
| MO | Rockhurst University | ● | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ |
| MO | Southwest Baptist University | ● | ● | ● | ● | ● | ● ¹ | ○ | ● | ● | ○ | ○ |
| MO | St. Louis University | ● | ● | ● | ● | ○ | ○ | ● ² | ○ | ○ | ○ | ○ |
| MO | University of Central Missouri | ● | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ○ |
| MO | University of Missouri - Columbia | ● | ● | ● | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| MO | University of Missouri - Kansas City | ● | ● | ● | ● | ● | ● ¹ | ● ¹ | ● | ○ | ○ | ○ |
| MO | University of Missouri - St. Louis | ● | ● | ● | ● | ○ | ● ¹ | ○ | ● | ● | ○ | ○ |
| MO | Washington University in St. Louis | ● | ● | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| MO | Westminster College | ● | ● | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| MO | William Jewell College | ● | ● | ● | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ |
| MO | William Woods University | ● | ● | ● | ● | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MT | Carroll College | ● | ● | ○ | ○ | ● | ○ | ○ | ○ | ● | ● | ○ |
| MT | Montana State University | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MT | Montana State University - rthern | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MT | Montana State University Billings | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| MT | Rocky Mountain College | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| MT | Salish Kootenai College | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| MT | University of Providence | ● | ● | ○ | ○ | ○ | ● ² | ○ | ● | ○ | ○ | ● |
| MT | University of Montana - Western | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NE | Chadron State College | ○ | ● | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| NE | College of Saint Mary | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |

Notes

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¹ Program has aligned content by requiring one course in either early/ancient history or modern history on this topic.

² Program has aligned content by requiring two courses addressing both early/ancient history and modern history, or by requiring an adequate admissions test on this topic.

³ Institution has closed down since the time of analysis.



| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|---|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| NE | Concordia University Nebraska | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| NE | Creighton University | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NE | Doane University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ● | ○ | ● |
| NE | Hastings College | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ● | ○ | ○ | ○ |
| NE | Midland University | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NE | Union College | ● | ○ | ● | ○ | ○ | ● ² | ● ¹ | ● | ○ | ○ | ● |
| NE | University of Nebraska - Lincoln | ● | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ● | ○ |
| NE | University of Nebraska Omaha | ● | ● | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| NE | University of Nebraska at Kearney | ● | ● | ○ | ● | ● | ● ¹ | ○ | ○ | ● | ○ | ○ |
| NE | Wayne State College | ● | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ |
| NV | Nevada State College | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| NV | University of Nevada - Las Vegas | ● | ● | ○ | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ |
| NH | Keene State College | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| NH | Rivier University | ○ | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| NH | Southern New Hampshire University | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| NJ | Bloomfield College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ |
| NJ | Caldwell University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NJ | Centenary University | ● | ● | ○ | ○ | ○ | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |
| NJ | College of New Jersey | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NJ | College of Saint Elizabeth | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NJ | Georgian Court University | ● | ○ | ○ | ● | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| NJ | Kean University | ● | ○ | ● | ○ | ○ | ● ² | ● ¹ | ● | ● | ○ | ○ |
| NJ | Monmouth University | ● | ○ | ○ | ○ | ● | ● ² | ○ | ● | ○ | ○ | ○ |
| NJ | Ramapo College of New Jersey | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| NJ | Rider University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NJ | Rowan University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NJ | Rutgers University - Camden | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NJ | Saint Peter's University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| NJ | Seton Hall University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ |
| NJ | William Paterson University of New Jersey | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NM | Eastern New Mexico University | ● | ○ | ○ | ○ | ● | ● ² | ● ¹ | ○ | ○ | ○ | ○ |
| NM | New Mexico Highlands University | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NM | New Mexico State University | ● | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| NM | Northern New Mexico College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NM | University of the Southwest | ● | ● | ○ | ● | ○ | ● ² | ● ¹ | ● | ● | ● | ● |
| NY | Alfred University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |



| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|-------------------------------------|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| NY | Barnard College | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | CUNY - Brooklyn College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | CUNY - City College | ● | ○ | ● | ○ | ● | ● ¹ | ● ² | ○ | ○ | ○ | ○ |
| NY | CUNY - Hunter College | ● | ○ | ○ | ○ | ● | ● ² | ○ | ● | ○ | ○ | ○ |
| NY | CUNY - Lehman College | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | CUNY - Medgar Evers College | ● | ● | ○ | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ |
| NY | CUNY - Queens College | ● | ○ | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ● |
| NY | College of Mount Saint Vincent | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | College of New Rochelle | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| NY | College of Saint Rose | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | Columbia University | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | Concordia College - New York | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ● | ○ | ○ |
| NY | Daemen College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | Elmira College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | Five Towns College | ● | ● | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | Hobart and William Smith Colleges | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | Houghton College | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | Iona College | ● | ○ | ○ | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ |
| NY | Keuka College | ● | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ○ |
| NY | Le Moyne College | ● | ○ | ○ | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ |
| NY | Long Island University - Brooklyn | ● | ○ | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ● |
| NY | Long Island University - C. W. Post | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| NY | Long Island University - Riverhead | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | Manhattan College | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ● | ○ | ● |
| NY | Manhattanville College | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| NY | Marist College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | Medaille College | ● | ● | ● | ○ | ○ | ● ¹ | ○ | ○ | ● | ○ | ○ |
| NY | Molloy College | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | Mount Saint Mary College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | Nazareth College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |

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|----|------------------------------|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| NY | New York University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | Niagara University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| NY | Nyack College | ● | ○ | ● | ○ | No data | ● ² | ● ¹ | ○ | ○ | ○ | ○ |
| NY | Pace University | ● | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| NY | Roberts Wesleyan College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ |
| NY | SUNY - Fredonia | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | SUNY - Geneseo | ● | ○ | ○ | ○ | ● | ○ | ● ² | ○ | ○ | ○ | ○ |
| NY | SUNY - New Paltz | ● | ○ | ○ | ○ | ● | ○ | ○ | ● | ○ | ○ | ○ |
| NY | SUNY - Oswego | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | SUNY - Potsdam | ● | ○ | ○ | ○ | ● | ○ | ● ¹ | ○ | ○ | ○ | ● |
| NY | SUNY College at Brockport | ○ | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ● | ○ |
| NY | SUNY College at Cortland | ○ | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| NY | SUNY College at Old Westbury | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | SUNY College at Oneonta | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | St. Bonaventure University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | St. Francis College | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| NY | St. John Fisher College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ |
| NY | St. John's University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| NY | St. Joseph's College | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | St. Thomas Aquinas College | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | Touro College | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NY | Utica College | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| NY | Wagner College | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NC | Appalachian State University | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NC | Barton College | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ● | ○ | ○ |
| NC | Belmont Abbey College | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ● | ● | ○ |
| NC | Campbell University | ● | ● | ● | ○ | ○ | ● ¹ | ○ | ○ | ● | ○ | ○ |
| NC | Catawba College | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| NC | East Carolina University | ● | ● | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ |
| NC | Elon University | ● | ● | ○ | ○ | ● | ● ² | ○ | ○ | ○ | ○ | ○ |
| NC | Gardner-Webb University | ● | ○ | ○ | ● | ○ | ● ¹ | ○ | ○ | ● | ○ | ● |
| NC | Guilford College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NC | High Point University | ○ | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ○ |
| NC | Lees-McRae College | ● | ● | ○ | ● | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| NC | Lenoir-Rhyne University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ● | ○ | ○ |
| NC | Mars Hill University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ● | ○ | ● |



| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|---|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| NC | Meredith College | ● | ● | ○ | ○ | ● | ○ | ● ¹ | ○ | ● | ○ | ● |
| NC | Methodist University | ● | ○ | ○ | ○ | ○ | ● ¹ | ● ¹ | ● | ○ | ○ | ○ |
| NC | North Carolina A&T State University | ● | ● | ○ | ○ | ● | ○ | ○ | ○ | ● | ○ | ● |
| NC | North Carolina Central University | ● | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ |
| NC | North Carolina State University at Raleigh | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● |
| NC | North Carolina Wesleyan College | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ● | ○ | ○ |
| NC | St. Andrews University | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NC | University of North Carolina at Chapel Hill | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NC | University of North Carolina at Charlotte | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ |
| NC | University of North Carolina at Greensboro | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| NC | University of North Carolina at Pembroke | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NC | University of North Carolina at Wilmington | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NC | Wake Forest University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NC | Western Carolina University | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| NC | Winston-Salem State University | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| ND | Dickinson State University | ● | ● | ● | ○ | ○ | ● ¹ | ○ | ● | ● | ○ | ○ |
| ND | Minot State University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ● |
| ND | Sitting Bull College | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| ND | University of Jamestown | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| ND | University of Mary | ● | ● | ○ | ○ | ○ | ○ | ● ¹ | ● | ○ | ○ | ● |
| OH | Antioch University Midwest | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | Ashland University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | Baldwin Wallace University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | Bluffton University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | Bowling Green State University | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | Capital University | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |

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 - = Program does not have aligned content because it does not require any course or adequate admissions test on this topic, because the required course is not aligned with the needs of elementary candidates, or because candidates can choose from too many misaligned course options.
- ¹ Program has aligned content by requiring one course in either early/ancient history or modern history on this topic.
- ² Program has aligned content by requiring two courses addressing both early/ancient history and modern history, or by requiring an adequate admissions test on this topic.
- ³ Institution has closed down since the time of analysis.



| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|---------------------------------------|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| OH | Cedarville University | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| OH | Central State University | ● | ○ | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ |
| OH | Cleveland State University | ● | ● | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | College of Wooster | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | Franciscan University of Steubenville | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| OH | Heidelberg University | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | John Carroll University | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | Kent State University | ● | ○ | ○ | ○ | ● | ○ | ○ | ● | ○ | ○ | ○ |
| OH | Lake Erie College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | Lourdes University | ● | ○ | ○ | ○ | No data | ● ² | ○ | ● | ○ | ○ | ○ |
| OH | Malone University | ● | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ |
| OH | Marietta College | ● | ● | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ |
| OH | Miami University of Ohio | ● | ● | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | Mount St. Joseph University | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | Mount Vernon Nazarene University | ● | ● | ○ | ○ | ○ | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |
| OH | Muskingum University | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | Notre Dame College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ |
| OH | Ohio Dominican University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| OH | Ohio Northern University | ● | ● | ○ | ○ | ● | ○ | ○ | ● | ○ | ○ | ○ |
| OH | Ohio University | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ● | ○ | ○ | ○ |
| OH | Ohio Wesleyan University | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | Otterbein University | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | Shawnee State University | ● | ● | ○ | ● | ● | ○ | ○ | ● | ○ | ○ | ○ |
| OH | University of Akron | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| OH | University of Cincinnati | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | University of Dayton | ● | ○ | ○ | ○ | ○ | ● ¹ | ● ¹ | ○ | ● | ○ | ● |
| OH | University of Findlay | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | University of Mount Union | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | University of Rio Grande | ● | ● | ○ | ○ | ● | ○ | ● ¹ | ○ | ○ | ○ | ○ |
| OH | University of Toledo | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | Urbana University | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| OH | Walsh University | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ● | ○ | ○ | ○ |
| OH | Wilmington College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | Wittenberg University | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | Wright State University | ● | ○ | ○ | ○ | ● | ● ¹ | ○ | ● | ○ | ○ | ○ |



| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|--|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| OH | Xavier University | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| OH | Youngstown State University | ● | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ |
| OK | Cameron University | ● | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ● | ○ | ○ |
| OK | East Central University | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ○ | ● | ○ | ● |
| OK | Langston University | ● | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ● | ○ | ● |
| OK | Northwestern Oklahoma State University | ● | ● | ○ | ○ | ● | ● ² | ○ | ● | ○ | ○ | ○ |
| OK | Oklahoma Baptist University | ● | ○ | ● | ○ | ● | ○ | ● ¹ | ○ | ○ | ○ | ● |
| OK | Oklahoma Panhandle State University | ● | ● | ○ | ○ | ● | ● ² | ○ | ○ | ● | ○ | ○ |
| OK | Oklahoma State University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ● | ○ | ○ |
| OK | Oral Roberts University | ● | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| OK | Southeastern Oklahoma State University | ● | ● | ○ | ○ | ● | ● ² | ○ | ● | ● | ○ | ○ |
| OK | Southern Nazarene University | ● | ● | ○ | ○ | ○ | ● ² | ○ | ● | ● | ○ | ● |
| OK | Southwestern Oklahoma State University | ● | ● | ○ | ○ | ● | ● ¹ | ● ¹ | ● | ○ | ○ | ○ |
| OK | University of Central Oklahoma | ● | ○ | ○ | ○ | ○ | ● ² | ○ | ● | ○ | ○ | ○ |
| OK | University of Oklahoma | ● | ● | ○ | ○ | ● | ● ² | ○ | ● | ○ | ○ | ○ |
| OK | University of Science and Arts of Oklahoma | ● | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ● | ○ | ○ |
| OR | Concordia University | ● | ● | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| OR | Corban University | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| OR | George Fox University | ○ | ● | ○ | ○ | ● | ● ¹ | ○ | ● | ○ | ○ | ○ |
| OR | Linfield College | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| OR | Oregon State University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ● |
| OR | Pacific University | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| OR | Warner Pacific College | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Alvernia University | ● | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ● | ○ | ○ |
| PA | Arcadia University | ● | ○ | ○ | ● | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| PA | Bloomsburg University of Pennsylvania | ● | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ● | ○ | ○ |

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|----|---|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| PA | Bucknell University | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Cabrini College | ○ | ○ | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ○ |
| PA | Cairn University | ● | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ |
| PA | California University of Pennsylvania | ● | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Carlow University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Chatham University | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Chestnut Hill College | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Cheyney University of Pennsylvania | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Clarion University of Pennsylvania | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| PA | DeSales University | ● | ● | ○ | ○ | ● | ● ² | ○ | ○ | ○ | ○ | ○ |
| PA | Drexel University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ● |
| PA | Duquesne University | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | East Stroudsburg University of Pennsylvania | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Elizabethtown College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Gannon University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Geneva College | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Grove City College | ● | ● | ○ | ○ | ○ | ● ² | ● ¹ | ○ | ○ | ○ | ○ |
| PA | Gwynedd Mercy University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Holy Family University | ● | ○ | ● | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ |
| PA | Immaculata University | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Indiana University of Pennsylvania | ● | ● | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ |
| PA | Juniata College | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Keystone College | ● | ● | ○ | ● | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| PA | King's College | ● | ○ | ○ | ○ | ● | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |
| PA | Kutztown University of Pennsylvania | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| PA | La Salle University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Lebanon Valley College | ● | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Lock Haven University of Pennsylvania | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Lycoming College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Mansfield University of Pennsylvania | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Marywood University | ● | ○ | ● | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ |
| PA | Mercyhurst University | ● | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Messiah College | ○ | ● | ● | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| PA | Millersville University of Pennsylvania | ○ | ● | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |



| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|--|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| PA | Misericordia University | ● | ○ | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ○ |
| PA | Moravian College | ○ | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| PA | Muhlenberg College | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ |
| PA | Neumann University | ● | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| PA | Pennsylvania State University | ● | ● | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ |
| PA | Pennsylvania State University - Harrisburg | ● | ● | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ |
| PA | Point Park University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| PA | Robert Morris University | ○ | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| PA | Saint Francis University | ● | ○ | ○ | ○ | ● | ● ¹ | ○ | ● | ○ | ○ | ● |
| PA | Saint Joseph's University | ● | ○ | ○ | ○ | ○ | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |
| PA | Saint Vincent College | ● | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ○ |
| PA | Seton Hill University | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Shippensburg University of Pennsylvania | ● | ○ | ○ | ○ | ○ | ● ¹ | ● ¹ | ○ | ● | ○ | ○ |
| PA | Slippery Rock University of Pennsylvania | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Clarks Summit University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| PA | Susquehanna University | ○ | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| PA | Temple University | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Thiel College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | University of Pittsburgh at Bradford | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| PA | University of Pittsburgh at Johnstown | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| PA | University of Scranton | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| PA | University of Valley Forge | ● | ● | ● | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| PA | Washington and Jefferson College | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| PA | Waynesburg University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ● |
| PA | West Chester University of Pennsylvania | ○ | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| PA | Westminster College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PA | Widener University | ○ | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |

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|----|---|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| PA | Wilkes University | ● | ● | ○ | ○ | ○ | ● ² | ● ¹ | ○ | ○ | ○ | ○ |
| PA | Wilson College | ● | ○ | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ○ |
| PA | York College of Pennsylvania | ○ | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ● | ○ | ○ |
| RI | Providence College | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| RI | Rhode Island College | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ● |
| RI | Roger Williams University | ● | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ● | ○ | ○ |
| RI | Salve Regina University | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| RI | University of Rhode Island | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| SC | Charleston Southern University | ● | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ |
| SC | Coastal Carolina University | ● | ○ | ○ | ○ | ● | ● ² | ● ¹ | ● | ○ | ○ | ○ |
| SC | College of Charleston | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| SC | Columbia College | ● | ○ | ○ | ○ | ● | ○ | ● ¹ | ○ | ○ | ○ | ○ |
| SC | Converse College | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| SC | Francis Marion University | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| SC | Furman University | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ● | ○ | ○ |
| SC | Lander University | ● | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ○ |
| SC | Limestone College | ● | ○ | ○ | ○ | ○ | ● ¹ | ● ¹ | ● | ● | ○ | ○ |
| SC | North Greenville University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| SC | South Carolina State University | ● | ○ | ● | ○ | ○ | ● ¹ | ● ¹ | ○ | ● | ○ | ● |
| SC | Southern Wesleyan University | ● | ● | ● | ○ | ○ | ● ¹ | ● ¹ | ● | ● | ○ | ○ |
| SC | University of South Carolina - Beaufort | ● | ○ | ○ | ● | ● | ● ² | ○ | ○ | ○ | ○ | ○ |
| SC | University of South Carolina - Columbia | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ● | ● | ○ | ○ |
| SC | University of South Carolina - Upstate | ● | ● | ○ | ○ | ● | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |
| SC | Winthrop University | ● | ● | ○ | ○ | ● | ○ | ○ | ○ | ● | ○ | ○ |
| SD | Augustana University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| SD | Black Hills State University | ● | ● | ○ | ○ | ○ | ● ² | ○ | ● | ● | ○ | ○ |
| SD | Dakota State University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| SD | Mount Marty College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| SD | Northern State University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ● | ○ | ○ |
| SD | Oglala Lakota College | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| SD | South Dakota State University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ |
| SD | University of Sioux Falls | ● | ● | ○ | ○ | ● | ● ² | ○ | ● | ● | ○ | ● |
| SD | University of South Dakota | ● | ○ | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ○ |
| TN | Austin Peay State University | ● | ● | ● | ○ | ○ | ○ | ● ² | ○ | ● | ○ | ● |



| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|--|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| TN | Belmont University | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ● | ○ | ○ |
| TN | Bethel University | ● | ● | ● | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ● |
| TN | Cumberland University | ● | ● | ○ | ○ | ○ | ● ² | ○ | ● | ○ | ● | ○ |
| TN | East Tennessee State University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| TN | Lee University | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ● | ○ | ○ | ● |
| TN | Lincoln Memorial University | ● | ● | ● | ● | ○ | ● ² | ○ | ○ | ● | ○ | ○ |
| TN | Martin Methodist College | ● | ● | ● | ○ | ○ | ● ² | ○ | ● | ○ | ○ | ● |
| TN | Maryville College | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| TN | Middle Tennessee State University | ○ | ○ | ○ | ○ | ● | ● ¹ | ○ | ● | ● | ○ | ○ |
| TN | Milligan College | ● | ● | ○ | ○ | ● | ● ² | ○ | ● | ○ | ○ | ○ |
| TN | South College | ● | ● | ○ | ○ | ○ | ● ² | ● ¹ | ● | ● | ○ | ● |
| TN | Southern Adventist University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ● | ○ | ○ |
| TN | Tennessee State University | ● | ● | ○ | ○ | ○ | ● ¹ | ● ¹ | ● | ○ | ○ | ○ |
| TN | Tennessee Technological University | ○ | ○ | ● | ● | ○ | ● ² | ○ | ● | ● | ● | ● |
| TN | Tusculum College | ● | ● | ○ | ○ | ○ | ● ¹ | ● ¹ | ○ | ● | ○ | ● |
| TN | University of Memphis | ● | ○ | ○ | ○ | ● | ● ¹ | ● ¹ | ● | ○ | ○ | ● |
| TN | University of Tennessee | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| TN | University of Tennessee at Chattanooga | ○ | ● | ○ | ○ | No data | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| TX | Angelo State University | ○ | ● | ○ | ○ | ○ | ● ² | ○ | ● | ○ | ○ | ● |
| TX | Baylor University | ○ | ● | ○ | ○ | ○ | ● ¹ | ● ² | ○ | ○ | ○ | ○ |
| TX | Concordia University Texas | ● | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ● |
| TX | Dallas Baptist University | ● | ○ | ● | ○ | ● | ● ² | ● ¹ | ○ | ● | ○ | ● |
| TX | Hardin-Simmons University | ● | ● | ● | ○ | ○ | ● ² | ○ | ● | ○ | ○ | ○ |
| TX | Houston Baptist University | ○ | ○ | ○ | ○ | ● | ● ² | ○ | ○ | ● | ○ | ● |
| TX | Howard Payne University | ● | ● | ● | ○ | ● | ● ² | ○ | ● | ○ | ○ | ○ |
| TX | Huston-Tillotson University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ● | ○ | ○ |
| TX | Lamar University | ● | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ● | ● | ● |
| TX | LeTourneau University | ● | ● | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ |
| TX | Lubbock Christian University | ● | ● | ● | ○ | ○ | ● ¹ | ○ | ● | ○ | ● | ● |

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- ² Program has aligned content by requiring two courses addressing both early/ancient history and modern history, or by requiring an adequate admissions test on this topic.
- ³ Institution has closed down since the time of analysis.



| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|--|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| TX | McMurry University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| TX | Midwestern State University | ● | ○ | ○ | ● | ● | ● ² | ○ | ○ | ○ | ○ | ○ |
| TX | Our Lady of the Lake University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| TX | Sam Houston State University | ● | ○ | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ● |
| TX | Southern Methodist University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| TX | St. Edward's University | ● | ● | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ |
| TX | St. Mary's University | ● | ● | ● | ● | ● | ● ² | ● ¹ | ● | ● | ○ | ● |
| TX | Stephen F. Austin State University | ● | ○ | ○ | ○ | ● | ● ² | ○ | ● | ○ | ○ | ● |
| TX | Sul Ross State University | ● | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ● | ○ | ○ |
| TX | Texas A&M International University | ● | ● | ○ | ○ | ● | ● ² | ○ | ○ | ● | ○ | ● |
| TX | Texas A&M University | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ● | ● | ○ | ● |
| TX | Texas A&M University - Commerce | ● | ○ | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ○ |
| TX | Texas A&M University - Corpus Christi | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ● |
| TX | Texas A&M University - Kingsville | ○ | ○ | ● | ● | ○ | ● ² | ● ¹ | ● | ● | ● | ● |
| TX | Texas A&M University - Texarkana | ● | ● | ○ | ○ | ● | ● ² | ● ¹ | ○ | ● | ○ | ● |
| TX | Texas Christian University | ● | ● | ○ | ○ | ○ | ● ² | ○ | ● | ○ | ○ | ○ |
| TX | Texas Lutheran University | ● | ● | ○ | ○ | ○ | ● ² | ○ | ● | ○ | ● | ○ |
| TX | Texas State University - San Marcos | ● | ○ | ● | ○ | ○ | ● ² | ○ | ● | ● | ○ | ● |
| TX | Texas Wesleyan University | ● | ● | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ● |
| TX | Texas Woman's University | ● | ○ | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ○ |
| TX | University of Houston | ● | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ● | ● | ● |
| TX | University of Houston - Clear Lake | ● | ● | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ○ |
| TX | University of Houston - Downtown | ● | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| TX | University of Houston - Victoria | ● | ○ | ● | ○ | ● | ● ² | ○ | ○ | ○ | ○ | ● |
| TX | University of Mary Hardin - Baylor | ● | ○ | ○ | ○ | ○ | ● ² | ● ¹ | ○ | ● | ● | ● |
| TX | University of North Texas | ● | ○ | ○ | ○ | ● | ● ² | ○ | ● | ○ | ○ | ○ |
| TX | University of St. Thomas | ● | ○ | ● | ○ | ○ | ● ² | ○ | ● | ○ | ○ | ○ |
| TX | University of Texas at Arlington | ● | ○ | ● | ○ | ○ | ● ¹ | ○ | ○ | ○ | ● | ○ |
| TX | University of Texas at Austin | ○ | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| TX | University of Texas at Dallas | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| TX | University of Texas at San Antonio | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ○ | ● | ● | ● |
| TX | University of Texas at Tyler | ● | ● | ○ | ○ | ● | ● ² | ○ | ● | ○ | ○ | ● |
| TX | University of Texas of the Permian Basin | ● | ● | ○ | ○ | ● | ● ² | ○ | ○ | ○ | ○ | ○ |
| TX | University of the Incarnate Word | ● | ○ | ● | ○ | ○ | ● ² | ○ | ○ | ● | ○ | ● |



| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|--|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| TX | Wayland Baptist University | ● | ○ | ○ | ○ | ○ | ● ² | ○ | ● | ○ | ○ | ○ |
| TX | West Texas A&M University | ○ | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| UT | Brigham Young University | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| UT | Dixie State University | ● | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| UT | Southern Utah University | ● | ● | ● | ● | ● | ● ² | ● ² | ● | ● | ● | ● |
| UT | University of Utah | ● | ● | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| UT | Utah State University | ● | ● | ● | ● | ● | ● ² | ● ² | ● | ● | ● | ● |
| UT | Utah Valley University | ● | ● | ● | ● | ● | ● ² | ● ² | ● | ● | ● | ● |
| UT | Weber State University | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ● | ○ | ○ | ○ |
| VT | Castleton University | ● | ○ | ○ | ○ | ○ | ● ¹ | ● ¹ | ● | ○ | ○ | ○ |
| VT | Northern Vermont University - Johnson | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| VT | University of Vermont | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| VA | Bridgewater College | ● | ● | ○ | ○ | ○ | ● ² | ● ¹ | ● | ○ | ○ | ● |
| VA | Eastern Mennonite University | ● | ● | ○ | ○ | ○ | ● ² | ● ² | ● | ● | ● | ● |
| VA | Hampton University | ● | ● | ○ | ○ | ○ | ● ² | ● ¹ | ● | ● | ○ | ○ |
| VA | Longwood University | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ● | ● | ○ | ● |
| VA | Lynchburg College | ● | ● | ○ | ○ | ○ | ● ² | ● ² | ○ | ○ | ○ | ○ |
| VA | Marymount University | ● | ● | ● | ○ | ○ | ● ² | ○ | ● | ○ | ○ | ○ |
| VA | Norfolk State University | ● | ○ | ● | ○ | ○ | ● ¹ | ○ | ○ | ● | ○ | ○ |
| VA | Regent University | ● | ○ | ● | ○ | ○ | ● ² | ○ | ● | ○ | ○ | ● |
| VA | Roanoke College | ○ | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| VA | Shenandoah University | ● | ○ | ○ | ○ | ○ | ● ² | ● ¹ | ● | ○ | ○ | ● |
| VA | University of Richmond | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| VA | University of Virginia's College at Wise | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ○ |
| VA | Virginia Wesleyan College | ● | ● | ○ | ○ | ○ | ● ² | ● ¹ | ● | ○ | ○ | ● |
| WA | Central Washington University | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| WA | Gonzaga University | ● | ○ | ○ | ○ | ○ | ● ² | ● ¹ | ○ | ○ | ○ | ○ |
| WA | Pacific Lutheran University | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| WA | Saint Martin's University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |

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|----|--|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| WA | Walla Walla University | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ● | ○ | ○ |
| WA | Washington State University | ● | ● | ○ | ○ | ○ | ● ¹ | ● ¹ | ○ | ○ | ○ | ● |
| WA | Western Washington University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| WA | Whitworth University | ○ | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ● | ○ | ● |
| WV | Bluefield State College | ● | ● | ● | ○ | ○ | ● ² | ● ¹ | ● | ○ | ○ | ● |
| WV | Concord University | ● | ● | ● | ○ | ○ | ● ² | ● ¹ | ● | ● | ○ | ○ |
| WV | Fairmont State University | ● | ● | ● | ○ | ● | ● ² | ● ¹ | ● | ○ | ○ | ○ |
| WV | Glenville State College | ● | ● | ○ | ● | ○ | ● ² | ○ | ● | ○ | ○ | ○ |
| WV | Marshall University | ● | ● | ○ | ○ | ● | ● ² | ● ¹ | ● | ○ | ○ | ○ |
| WV | Shepherd University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ● | ○ | ○ | ● |
| WV | University of Charleston | ● | ● | ● | ○ | ○ | ● ² | ● ² | ● | ○ | ○ | ● |
| WV | West Liberty University | ● | ● | ○ | ○ | ● | ● ¹ | ○ | ● | ○ | ○ | ○ |
| WV | West Virginia State University | ● | ● | ○ | ○ | ● | ● ¹ | ● ¹ | ● | ● | ○ | ● |
| WV | West Virginia University - Parkersburg | ● | ● | ○ | ● | ○ | ● ² | ○ | ● | ● | ○ | ○ |
| WV | West Virginia Wesleyan College | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ● | ● | ○ | ○ |
| WV | Wheeling Jesuit University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| WI | Cardinal Stritch University | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| WI | Carroll University | ○ | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| WI | Carthage College | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| WI | Edgewood College | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| WI | Lakeland College | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| WI | Maranatha Baptist University | ● | ● | ○ | ○ | ○ | ● ² | ● ¹ | ● | ○ | ○ | ○ |
| WI | Marian University | ○ | ○ | ○ | ○ | ○ | ● ¹ | ● ² | ○ | ● | ○ | ○ |
| WI | Marquette University | ● | ○ | ○ | ○ | ○ | ● ² | ○ | ○ | ○ | ○ | ○ |
| WI | Silver Lake College of the Holy Family | ● | ○ | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ |
| WI | St. Norbert College | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| WI | University of Wisconsin - Eau Claire | ○ | ● | ○ | ○ | ● | ○ | ○ | ○ | ● | ○ | ○ |
| WI | University of Wisconsin - Green Bay | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| WI | University of Wisconsin - La Crosse | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● |

Appendix A

Notes

- = Program has aligned content by requiring at least one course on this topic or by requiring an adequate admissions test on this topic.
 - = Program does not have aligned content because it does not require any course or adequate admissions test on this topic, because the required course is not aligned with the needs of elementary candidates, or because candidates can choose from too many misaligned course options.
- ¹ Program has aligned content by requiring one course in either early/ancient history or modern history on this topic.
- ² Program has aligned content by requiring two courses addressing both early/ancient history and modern history, or by requiring an adequate admissions test on this topic.
- ³ Institution has closed down since the time of analysis.



| | | Composition | Children's Literature | World Literature | American Literature | Elementary Mathematics | American History (Early and/or Modern) | World History (Ancient and/or Modern) | Geography | Biology | Chemistry | Physics |
|----|---|-------------|-----------------------|------------------|---------------------|------------------------|--|---------------------------------------|-----------|---------|-----------|---------|
| WI | University of Wisconsin - Madison | ○ | ○ | ○ | ○ | ● | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| WI | University of Wisconsin - Milwaukee | ● | ● | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ○ |
| WI | University of Wisconsin - Oshkosh | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| WI | University of Wisconsin - Platteville | ● | ○ | ○ | ○ | ○ | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |
| WI | University of Wisconsin - River Falls | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| WI | University of Wisconsin - Stevens Point | ● | ● | ○ | ● | ○ | ● ¹ | ● ¹ | ○ | ○ | ○ | ○ |
| WI | University of Wisconsin - Stout | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ |
| WI | University of Wisconsin - Whitewater | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| WI | Viterbo University | ● | ○ | ○ | ○ | ○ | ● ¹ | ○ | ○ | ○ | ○ | ● |
| WI | Wisconsin Lutheran College | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| WY | University of Wyoming | ● | ● | ○ | ○ | ● | ○ | ○ | ● | ○ | ○ | ○ |

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- ¹ Program has aligned content by requiring one course in either early/ancient history or modern history on this topic.
- ² Program has aligned content by requiring two courses addressing both early/ancient history and modern history, or by requiring an adequate admissions test on this topic.
- ³ Institution has closed down since the time of analysis.



Graduate Elementary Programs

| | | ELA | Mathematics | Social studies | Science |
|----|---|-----|-------------|----------------|---------|
| AL | Alabama A&M University | ○ | ○ | ● | ○ |
| AL | Jacksonville State University | ● | No data | ● | ● |
| AL | Troy University | ● | ○ | ● | ● |
| AZ | Arizona State University | ○ | ○ | ○ | ○ |
| AZ | Grand Canyon University | ○ | ○ | ○ | ○ |
| AZ | Northern Arizona University | ○ | ○ | ○ | ○ |
| AZ | Prescott College | ○ | ○ | ○ | ○ |
| AZ | University of Phoenix | ○ | ○ | ○ | ○ |
| CA | Alliant International University | ○ | ○ | ○ | ○ |
| CA | Azusa Pacific University | ○ | ○ | ○ | ○ |
| CA | Biola University | ○ | ○ | ○ | ○ |
| CA | Brandman University | ○ | ○ | ○ | ○ |
| CA | California Baptist University | ○ | No data | ○ | ○ |
| CA | California Lutheran University | ○ | ○ | ○ | ○ |
| CA | California Polytechnic State University - San Luis Obispo | ○ | ○ | ○ | ○ |
| CA | California State Polytechnic University - Pomona | ○ | ○ | ○ | ○ |
| CA | California State University - Bakersfield | ○ | ○ | ○ | ○ |
| CA | California State University - Channel Islands | ○ | ○ | ○ | ○ |
| CA | California State University - Chico | ○ | ○ | ○ | ○ |
| CA | California State University - Dominguez Hills | ○ | ○ | ○ | ○ |
| CA | California State University - Fresno | ○ | ○ | ○ | ○ |
| CA | California State University - Fullerton | ○ | ○ | ○ | ○ |
| CA | California State University - Long Beach | ○ | ○ | ○ | ○ |
| CA | California State University - Los Angeles | ○ | No data | ○ | ○ |
| CA | California State University - Monterey Bay | ○ | ○ | ○ | ○ |
| CA | California State University - Northridge | ○ | ○ | ○ | ○ |
| CA | California State University - Sacramento | ○ | ○ | ○ | ○ |
| CA | California State University - San Bernardino | ○ | ○ | ○ | ○ |

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| | | ELA | Mathematics | Social studies | Science |
|----|--|-----|-------------|----------------|---------|
| CA | California State University - San Marcos | ○ | ○ | ○ | ○ |
| CA | California State University - Stanislaus | ○ | ○ | ○ | ○ |
| CA | Chapman University | ○ | ○ | ○ | ○ |
| CA | Claremont Graduate University | ○ | ○ | ○ | ○ |
| CA | Concordia University Irvine | ○ | ○ | ○ | ○ |
| CA | Dominican University of California | ○ | ○ | ○ | ○ |
| CA | Fresno Pacific University | ○ | ○ | ○ | ○ |
| CA | Holy Names University | ○ | ○ | ○ | ○ |
| CA | Hope International University | ○ | ○ | ○ | ○ |
| CA | Humboldt State University | ○ | ○ | ○ | ○ |
| CA | La Sierra University | ○ | ○ | ○ | ○ |
| CA | Loyola Marymount University | ○ | ○ | ○ | ○ |
| CA | Mount St. Mary's College | ○ | ○ | ○ | ○ |
| CA | National University | ○ | ○ | ○ | ○ |
| CA | Notre Dame de Namur University | ○ | ○ | ○ | ○ |
| CA | Point Loma Nazarene University | ○ | ○ | ○ | ○ |
| CA | San Diego State University | ○ | ○ | ○ | ○ |
| CA | San Jose State University | ○ | ○ | ○ | ○ |
| CA | Simpson University | ○ | ○ | ○ | ○ |
| CA | Stanford University | ○ | ○ | ○ | ○ |
| CA | University of California - Davis | ○ | ○ | ○ | ○ |
| CA | University of California - Los Angeles | ○ | ○ | ○ | ○ |
| CA | University of California - Riverside | ○ | ○ | ○ | ○ |
| CA | University of California - San Diego | ○ | ○ | ○ | ○ |
| CA | University of California - Santa Barbara | ○ | ○ | ○ | ○ |
| CA | University of California - Santa Cruz | ○ | ○ | ○ | ○ |
| CA | University of La Verne | ○ | ○ | ○ | ○ |
| CA | University of San Diego | ○ | ○ | ○ | ○ |
| CA | University of Southern California | ○ | ○ | ○ | ○ |
| CA | Vanguard University of Southern California | ○ | ○ | ○ | ○ |
| CA | Whittier College | ○ | ○ | ○ | ○ |
| CO | University of Colorado Denver | ○ | ○ | ○ | ● |
| CO | University of Denver | ○ | ○ | ○ | ○ |
| CT | Fairfield University | ○ | ○ | ○ | ○ |
| CT | Quinnipiac University | ○ | ○ | ○ | ○ |
| CT | Southern Connecticut State University | ○ | ○ | ○ | ○ |
| CT | University of Bridgeport | ○ | ○ | ○ | ○ |
| CT | University of Hartford | ○ | ○ | ○ | ○ |



| | | ELA | Mathematics | Social studies | Science |
|----|--|-----|-------------|----------------|---------|
| DE | Wilmington University | ○ | No data | ○ | ○ |
| DC | American University | ● | ○ | ○ | ○ |
| DC | George Washington University | ○ | ○ | ○ | ○ |
| DC | Howard University | ○ | ○ | ○ | ○ |
| DC | Trinity Washington University | ○ | ○ | ○ | ○ |
| DC | University of the District of Columbia | ○ | ○ | ○ | ○ |
| FL | Florida Atlantic University | ○ | ○ | ○ | ○ |
| FL | Florida State University | ○ | ○ | ○ | ○ |
| FL | University of Central Florida | ○ | ○ | ○ | ○ |
| GA | Augusta University | ○ | ● | ○ | ○ |
| GA | Mercer University | ○ | ○ | ○ | ○ |
| GA | University of Georgia | ○ | No data | ○ | ○ |
| HI | University of Hawaii at Hilo | ○ | ○ | ● | ● |
| HI | University of Hawaii at Manoa | ○ | ○ | ● | ● |
| IL | DePaul University | ○ | ○ | ● | ● |
| IL | Erikson Institute | ○ | ○ | ○ | ○ |
| IL | McKendree University | ○ | ○ | ○ | ○ |
| IL | National Louis University | ○ | ○ | ● | ○ |
| IL | Northern Illinois University | ○ | ○ | ○ | ○ |
| IL | Northwestern University | ● | ○ | ○ | ○ |
| IL | Olivet Nazarene University | ○ | ○ | ○ | ○ |
| IL | Roosevelt University | ○ | ○ | ● | ○ |
| IL | Saint Xavier University | ○ | No data | ● | ● |
| IL | Trinity International University | ○ | ○ | ○ | ○ |
| IL | University of Chicago | ● | ○ | ○ | ○ |
| IL | University of Illinois at Urbana-Champaign | ○ | ○ | ○ | ○ |
| IN | Valparaiso University | ○ | ○ | ○ | ○ |
| IA | Drake University | ○ | ○ | ○ | ○ |
| KY | Bellarmino University | ● | ○ | ● | ○ |
| KY | University of Louisville | ○ | ○ | ○ | ○ |
| KY | University of the Cumberlands | ○ | ○ | ○ | ○ |
| LA | University of New Orleans | ○ | ○ | ● | ● |
| MD | Bowie State University | ○ | ○ | ○ | ○ |
| MD | Frostburg State University | ○ | ○ | ● | ● |

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| | | ELA | Mathematics | Social studies | Science |
|----|---|-----|-------------|----------------|---------|
| MD | Johns Hopkins University | ● | ○ | ● | ● |
| MD | Loyola University Maryland | ● | ○ | ● | ● |
| MD | Mount St. Mary's University | ● | ○ | ● | ● |
| MD | Notre Dame of Maryland University | ● | ○ | ● | ● |
| MD | St. Mary's College of Maryland | ○ | ○ | ○ | ● |
| MD | University of Maryland - College Park | ○ | ● | ○ | ○ |
| MA | American International College | ○ | ○ | ○ | ○ |
| MA | Boston University | ○ | ○ | ○ | ○ |
| MA | Brandeis University | ○ | No data | ○ | ○ |
| MA | Bridgewater State University | ○ | ○ | ○ | ○ |
| MA | Cambridge College | ○ | ○ | ○ | ○ |
| MA | Clark University | ○ | ○ | ○ | ○ |
| MA | Fitchburg State University | ○ | ○ | ○ | ○ |
| MA | Lesley University | ○ | ○ | ○ | ○ |
| MA | Northeastern University | ○ | ○ | ○ | ○ |
| MA | Salem State University | ○ | ○ | ○ | ○ |
| MA | Simmons College | ○ | ○ | ○ | ○ |
| MA | Springfield College | ● | ○ | ● | ○ |
| MA | Tufts University | ● | ○ | ● | ○ |
| MA | University of Massachusetts - Amherst | ○ | ○ | ○ | ○ |
| MA | University of Massachusetts - Boston | ○ | ○ | ○ | ○ |
| MA | Westfield State University | ○ | ○ | ○ | ○ |
| MN | Saint Mary's University of Minnesota | ○ | ● | ○ | ● |
| MN | Walden University | ○ | ○ | ○ | ○ |
| MO | Truman State University | ○ | ○ | ○ | ○ |
| MO | Webster University | ○ | ○ | ○ | ○ |
| MT | University of Montana | ○ | ○ | ● | ● |
| NV | Sierra Nevada College | ○ | ○ | ● | ○ |
| NV | University of Nevada - Las Vegas | ● | No data | ● | ● |
| NV | University of Nevada - Reno | ● | ○ | ● | ● |
| NH | Antioch University New England | ○ | ○ | ○ | ○ |
| NH | University of New Hampshire | ○ | ○ | ○ | ○ |
| NJ | College of New Jersey | ○ | ○ | ○ | ○ |
| NJ | Fairleigh Dickinson University - College at Florham | ○ | ○ | ● | ● |
| NJ | Felician College | ○ | ○ | ○ | ○ |
| NJ | Georgian Court University | ○ | ○ | ○ | ○ |
| NJ | Kean University | ○ | ○ | ● | ● |
| NJ | Rutgers University - New Brunswick | ○ | ○ | ○ | ○ |



| | | ELA | Mathematics | Social studies | Science |
|----|---|-----|-------------|----------------|---------|
| NJ | William Paterson University of New Jersey | ○ | ○ | ● | ● |
| NM | New Mexico State University | ○ | No data | ○ | ○ |
| NM | Western New Mexico University | ○ | No data | ○ | ○ |
| NY | Adelphi University | ○ | ○ | ○ | ○ |
| NY | Bank Street College of Education | ○ | ○ | ○ | ○ |
| NY | Canisius College | ○ | ○ | ○ | ○ |
| NY | College of Saint Rose | ● | ○ | ○ | ○ |
| NY | Columbia University | ○ | ○ | ○ | ○ |
| NY | CUNY - Brooklyn College | ○ | ○ | ○ | ○ |
| NY | CUNY - City College | ○ | ○ | ○ | ○ |
| NY | CUNY - Hunter College | ○ | ○ | ○ | ○ |
| NY | CUNY - Lehman College | ○ | ○ | ○ | ○ |
| NY | CUNY - Queens College | ○ | ○ | ○ | ○ |
| NY | Dominican College | ○ | ○ | ○ | ○ |
| NY | Fordham University | ○ | ○ | ○ | ○ |
| NY | Hofstra University | ● | ○ | ○ | ○ |
| NY | Ithaca College | ○ | ○ | ○ | ○ |
| NY | Long Island University - C. W. Post | ○ | ○ | ○ | ○ |
| NY | Long Island University - Hudson | ○ | ○ | ○ | ○ |
| NY | Manhattanville College | ● | ○ | ○ | ○ |
| NY | Medaille College | ● | ○ | ○ | ○ |
| NY | Mercy College | ○ | ○ | ○ | ○ |
| NY | Metropolitan College of New York | ○ | ○ | ○ | ○ |
| NY | Nazareth College | ○ | ○ | ○ | ○ |
| NY | New York Institute of Technology | ○ | ○ | ○ | ○ |
| NY | New York University | ○ | ○ | ○ | ○ |
| NY | Niagara University | ○ | ○ | ○ | ○ |
| NY | Pace University | ○ | ○ | ○ | ○ |
| NY | Sage Colleges | ○ | ○ | ○ | ○ |
| NY | St. John's University | ○ | ○ | ○ | ○ |
| NY | SUNY - Binghamton University | ○ | ○ | ○ | ○ |
| NY | SUNY - College at Buffalo | ○ | ○ | ○ | ○ |
| NY | SUNY - New Paltz | ○ | ○ | ○ | ○ |
| NY | SUNY - Oswego | ○ | ○ | ○ | ○ |

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| | | ELA | Mathematics | Social studies | Science |
|----|--|-----|-------------|----------------|---------|
| NY | SUNY - Potsdam | ● | ○ | ● | ○ |
| NY | SUNY College at Cortland | ○ | ○ | ○ | ○ |
| NY | SUNY College at Plattsburgh | ○ | ○ | ○ | ○ |
| NY | SUNY University at Buffalo | ○ | ○ | ● | ○ |
| NY | Touro College | ○ | ○ | ○ | ○ |
| NY | University of Rochester | ○ | ○ | ○ | ○ |
| NC | East Carolina University | ○ | ○ | ○ | ○ |
| NC | Greensboro College | ○ | ○ | ○ | ○ |
| NC | North Carolina State University at Raleigh | ○ | ○ | ○ | ○ |
| NC | Queens University of Charlotte | ○ | ○ | ○ | ○ |
| NC | Salem College | ○ | ○ | ○ | ○ |
| NC | University of North Carolina at Charlotte | ○ | ○ | ○ | ○ |
| NC | Wingate University | ● | ○ | ● | ○ |
| OH | Ashland University | ○ | ○ | ○ | ○ |
| OH | Cleveland State University | ○ | ○ | ○ | ○ |
| OH | Kent State University | ○ | ○ | ○ | ○ |
| OH | Ohio State University | ○ | ○ | ○ | ○ |
| OR | Eastern Oregon University | ● | ● | ○ | ● |
| OR | Lewis and Clark College | ○ | No data | ○ | ○ |
| OR | Portland State University | ○ | ● | ○ | ○ |
| OR | University of Oregon | ○ | ○ | ○ | ○ |
| OR | University of Portland | ○ | No data | ○ | ○ |
| PA | Bloomsburg University of Pennsylvania | ○ | ○ | ○ | ○ |
| PA | California University of Pennsylvania | ○ | ○ | ○ | ● |
| PA | Cedar Crest College | ○ | ○ | ○ | ○ |
| PA | Lehigh University | ○ | No data | ○ | ○ |
| PA | Lincoln University of Pennsylvania | ○ | No data | ○ | ○ |
| PA | Shippensburg University of Pennsylvania | ○ | ○ | ○ | ○ |
| PA | University of Pennsylvania | ○ | No data | ○ | ○ |
| RI | Brown University | ○ | No data | ○ | ○ |
| SC | Anderson University | ○ | No data | ○ | ○ |
| SC | University of South Carolina - Columbia | ● | ○ | ○ | ● |
| TN | Carson-Newman University | ○ | No data | ○ | ○ |
| TN | Christian Brothers University | ○ | No data | ○ | ○ |
| TN | Freed-Hardeman University | ○ | No data | ○ | ○ |
| TN | King University | ○ | ○ | ○ | ○ |
| TN | Lipscomb University | ○ | ○ | ○ | ○ |
| TN | Trevecca Nazarene University | ○ | No data | ○ | ○ |



| | | ELA | Mathematics | Social studies | Science |
|----|---|-----|-------------|----------------|---------|
| TN | Union University | ○ | No data | ○ | ○ |
| TN | University of Tennessee - Martin | ○ | No data | ○ | ○ |
| TN | Vanderbilt University | ○ | No data | ○ | ○ |
| TX | East Texas Baptist University | ○ | ○ | ○ | ○ |
| TX | LeTourneau University | ○ | ○ | ○ | ○ |
| TX | Texas Southern University | ○ | No data | ○ | ○ |
| TX | Texas State University - San Marcos | ● | ○ | ○ | ○ |
| TX | Texas Woman's University | ○ | ○ | ○ | ○ |
| TX | Trinity University | ○ | No data | ○ | ○ |
| TX | University of Houston | ○ | ○ | ○ | ○ |
| UT | Western Governors University | ● | ○ | ● | ● |
| UT | Westminster College | ○ | No data | ○ | ○ |
| VT | Northern Vermont University - Lyndon | ○ | ○ | ○ | ○ |
| VT | Saint Michael's College | ○ | No data | ○ | ○ |
| VA | Christopher Newport University | ○ | ○ | ● | ● |
| VA | College of William and Mary | ○ | ○ | ○ | ○ |
| VA | George Mason University | ● | ○ | ● | ● |
| VA | Hollins University | ○ | No data | ○ | ○ |
| VA | Liberty University | ● | No data | ● | ○ |
| VA | Old Dominion University | ○ | No data | ○ | ○ |
| VA | Radford University | ● | ○ | ● | ● |
| VA | University of Mary Washington | ● | ○ | ● | ● |
| VA | University of Virginia | ○ | ○ | ● | ○ |
| VA | Virginia Commonwealth University | ○ | ○ | ○ | ● |
| VA | Virginia Polytechnic Institute and State University | ● | ○ | ● | ● |
| WA | City University of Seattle | ○ | No data | ○ | ○ |
| WA | Eastern Washington University | ○ | ○ | ○ | ○ |
| WA | Evergreen State College | ● | No data | ● | ● |
| WA | Heritage University | ○ | No data | ○ | ○ |
| WA | Northwest University | ○ | No data | ○ | ○ |
| WA | Seattle Pacific University | ○ | No data | ○ | ○ |
| WA | Seattle University | ○ | ○ | ● | ○ |
| WA | University of Puget Sound | ○ | ○ | ○ | ○ |
| WA | University of Washington - Bothell | ○ | ○ | ○ | ○ |

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| | | ELA | Mathematics | Social studies | Science |
|----|------------------------------------|-----|-------------|----------------|---------|
| WA | University of Washington - Seattle | ○ | ○ | ○ | ○ |
| WA | University of Washington - Tacoma | ○ | ○ | ○ | ○ |
| WA | Washington State University | ○ | ○ | ● | ○ |
| WV | West Virginia University | ○ | ○ | ○ | ○ |
| WI | Alverno College | ○ | ○ | ○ | ○ |
| WI | Concordia University Wisconsin | ○ | No data | ○ | ○ |

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Alternative Route Programs

| | | ELA | Mathematics | Social studies | Science |
|----|--|-----|-------------|----------------|---------|
| AL | University of Alabama at Birmingham: Alternative Master's Program (AMP) | ● | ● | ● | ● |
| AZ | Arizona State University: Masters and Arizona Certification (InMAC) Program | ○ | ○ | ○ | ○ |
| AZ | Arizona State University: Masters and Arizona Certification (InMAC) program, TFA Partnership | ○ | ○ | ○ | ○ |
| CA | Loyola Marymount University: Intern/Practitioner Program | ○ | ○ | ○ | ○ |
| LA | Louisiana Tech University: MAT Program (Alternative Certification/Internship Option) | ● | ● | ● | ● |
| LA | University of Louisiana at Lafayette: Certification-Only Academic Intern Program | ● | ● | ● | ● |
| MS | William Carey University: MAT (Alternate Route) Program | ● | ○ | ○ | ○ |
| NJ | New Jersey Department of Education Alternate Route: Provisional Teacher Program | ● | ● | ● | ● |
| NM | University of New Mexico: MA Elementary Education, Alternative Route to K-8 Licensure | ○ | ● | ○ | ○ |
| NY | CUNY Hunter College: Childhood Education, Grades 1-6, MSED | ● | ● | ○ | ○ |
| TX | ACT - Houston | ● | ● | ● | ● |
| TX | ACT - Houston at Dallas | ● | ● | ● | ● |
| TX | COMPASS: Alternative Certification Teacher Academy of the Dallas Independent School District (ISD) | ● | ● | ● | ● |
| TX | Education Career Alternatives Program (ECAP) | ● | ● | ● | ● |
| TX | Houston Independent School District (ISD): Effective Teacher Fellowship (ETF) | ● | ● | ● | ● |
| TX | INSPIRE Texas: Educator Certification by Region 4 | ● | ● | ● | ● |
| TX | iteachTEXAS | ● | ● | ● | ● |
| TX | Lone Star Colleges Alternative Teacher Certification Program: Internship Track | ● | ● | ● | ● |
| TX | Region 10 Education Service Center: Teacher Preparation and Certification (TPC) | ● | ● | ● | ● |

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| | | ELA | Mathematics | Social studies | Science |
|----|---|-----|-------------|----------------|---------|
| TX | Region 11 Education Service Center: Teacher Preparation Program (TPP) | ● | ● | ● | ● |
| TX | Region 12 Education Service Center: Teacher Preparation and Certification Program (TCP) | ● | ● | ● | ● |
| TX | Region 13 Education Service Center: Educator Certification Program | ● | ● | ● | ● |
| TX | Region 20 Education Service Center: Teacher Orientation and Preparation Program (TOPP) | ● | ● | ● | ● |
| TX | Texas Teachers (formerly known as A+ Texas Teachers) | ● | ● | ● | ● |
| TX | Web-Centric Alternative Certification Program | ● | ● | ● | ● |
| TX | West Texas A&M University: Panhandle Alternative Certification Program (PACE) | ● | ● | ● | ● |
| TX | YES Preparatory Public Schools Inc.: Teaching Excellence Program | ● | ● | ● | ● |
| UT | Utah State Office of Education (USOE): Alternative Routes to Licensure (ARL) | ○ | ○ | ○ | ○ |

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