TEACHER PREP REVIEW

Preparation for Teaching Elementary Mathematics

May 2022



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Note that all data and scores in this document are accurate as of the date of publication (5/17/2022). For the most up-to-date data, see the *Teacher Prep Review* online: www.nctq.org/review.

INTRODUCTION

Math matters. Elementary math skills are a strong predictor of who will graduate from high school.

When students struggle with the foundational math skills that are taught in the early elementary grades, they are likely to continue to struggle well into middle and high school.¹ Mathematics knowledge is highly cumulative in nature, meaning that the ability to master each new concept is highly dependent upon having mastered the content that came before. Skill by skill. Grade by grade.

As early as kindergarten, the role of teachers in building and cementing these math skills is all-important. Unfortunately, many elementary teachers do not themselves feel adequately confident of their own basic math skills.² Potentially lacking confidence or sufficient content knowledge, they may dedicate less time to teaching math than students need, unsure of how to help their students avoid common misconceptions and errors. Compounding the issue, a basic problem for years has been the assumption that anyone who has graduated from high school has all the knowledge they need to teach elementary math. However, teaching elementary math requires a conceptual understanding of foundational mathematics and pedagogical knowledge, neither of which is addressed in a general mathematics course.³ Preparation programs must dedicate sufficient time to *both*.

While weak math instruction in elementary schools is not a new problem, learning loss as a result of the COVID-19 pandemic brings new urgency to this issue. Multiple studies find that elementary students, already well behind their peers in other nations, lost more learning in math than in reading during the pandemic, with learning gaps 20% wider between low-poverty and high-poverty schools in fall 2021 than prior to the pandemic in fall 2019. Similarly, another study found that the learning gap in math also worsened for Black students, finding students in majority-Black schools are now a full 12 months behind those in majority-White schools, compared to a nine-month difference prior to the pandemic.

A direct route to improving students' math skills is to ensure teachers' own competence in math.⁶ That is why the National Council on Teacher Quality, as part of our *Teacher Prep Review*, periodically examines the math instruction provided to future elementary teachers for over 1,100 teacher preparation programs across the nation,⁷ analyzing the amount of time that each of these programs carves out for mathematics as well as the topics that they cover.

This is the fourth time since our first *Teacher Prep Review* report in 2013 that NCTQ has conducted a scan of elementary teacher math preparation in the United States. As with previous reports, NCTQ uses a standard to analyze programs and provide a grade determined by research-based indicators. With this 2022 report, we are rolling out a considerably revised standard, a process that we have undertaken for the last two years with the help of many experts and preparation programs themselves. Our purpose in revising this standard is to make the standard and our rating process much more transparent to programs, making our guidance more straightforward and actionable.



In the last decade, teacher prep programs have significantly increased time for math instruction.

While the Elementary Mathematics standard has changed significantly enough that the grades programs received in previous years cannot be compared to the grades under this new version of the standard, we are still able to report on the significant progress on the primary indicator of both versions of the standard: the amount of course time elementary teacher candidates need to be fully prepared to teach mathematics. This indicator focuses on the need for programs to provide a sufficient amount of course time dedicated to elementary mathematics, a recommendation that we are pleased to be able to report that many programs have taken seriously, though almost exclusively by those programs at the undergraduate level.

How do programs now qualify for an "A" grade?

The newly revised Elementary Mathematics standard sets recommended minimum instructional hour targets for each of the four essential topics falling under math content: Numbers and Operations, Algebraic Thinking, Geometry and Measurement, Data Analysis and Probability; as well as Math Pedagogy. These instructional hour targets reflect the feedback received from stakeholders in the fall 2021 Open Comment Period for which NCTQ received 275 responses⁹ as well as the recommendations from the Expert Advisory Panel, a group of mathematicians, math educators, and representatives from teacher preparation programs. (See page 26 for the members of the Expert Advisory Panel.)

Recommended instructional hour targets for each essential math topic, NCTQ revised Elementary Mathematics standard

CONTENT PEDAGOGY

Numbers & Operations	Algebraic Thinking	Geometry & Measurement	Data Analysis & Probability	Mathematics Pedagogy	Total
45 instructional hours	20 instructional hours	25 instructional hours	15 instructional hours	45 instructional hours	150 instructional hours
One full 3-credit course	Just under half of a 3-credit course	Just over half of a 3-credit course	One-third of a 3-credit course	One full 3-credit course	10 credits

Instructional hours are based upon credits. One semester credit hour equates to 15 instructional hours. The credit hours for institutions with academic calendars not based on semester credit hours are adjusted (e.g., quarter credit hour counts are adjusted so that each credit equals 15 instructional hours).

A-rated programs

Programs earn an A by satisfying two requirements. They must allocate at least 135 hours (of the 150 recommended target instructional hours) that encompass the five essential topic areas. They also must meet at least 90% of the recommended targets for *each* of the five topic areas noted above. Programs that meet 100% of the recommended target hours for each of the five topic areas qualify for an A+.

B-rated programs

Programs earn a B by allocating at least 120 hours (of the 150 recommended target hours) to the five essential topic areas combined, equivalent to 80% of the total target recommendation.

C-rated programs

Programs earn a C by allocating between 105 and 119 hours (of the 150 recommended target hours) to the five essential topic areas combined, equivalent to 70% of the total target recommendation.

D-rated programs

Programs earn a D by allocating between 90 and 104 hours (of the 150 recommended target hours) to the five essential topic areas combined, equivalent to 60% of the total target recommendation.

F-rated programs

Programs earn an F by allocating fewer than 90 hours (out of the 150 recommended target hours) to the five essential topic areas combined, less than 60% of the total target recommendation.

Alternative to content coursework

Apart from course requirements, programs can receive additional instructional hour credit (equivalent to 80% of the recommended target hours) for the four content topics by requiring a passing score on a content knowledge licensing test that yields a valid, independent cut score for mathematics as a *condition of admission to the teacher preparation program*.

'Excess' instructional time

Because the standard seeks to address whether programs are providing *minimal* coverage across the five essential topic areas, programs do not 'gain points,' so to speak, for exceeding the target instructional hours in any of the individual topic targets. For example, if a program dedicates 35 instructional hours towards Geometry and Measurement—10 hours above the recommended target of 25 hours—those additional hours are not factored into the overall total instructional hour calculation. This rule does not allow for programs to compensate for a missing topic by allocating more time to another topic.

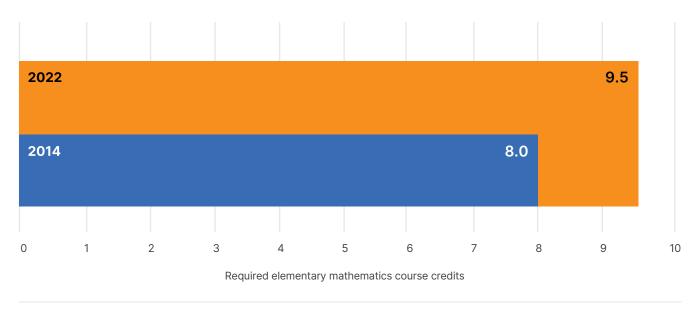
For the full Elementary Mathematics standard methodology, see Appendix B.

Undergraduate programs are dedicating significantly more time to elementary school mathematics.

Since 2014, NCTQ has recommended that programs dedicate essentially four courses to mathematics (three courses in elementary math content and a single course in math pedagogy). Programs have responded accordingly, adding an average of 1.5 credit hours of elementary mathematics to their graduation requirements. This addition means that programs have built-in 19% more time for math preparation, a significant increase.

Figure 1.

Change in undergraduate elementary math coursework since 2014



(n=738 programs) Figures reflect coursework requirements for the 738 undergraduate programs that were assessed in both 2014 and again in 2022.

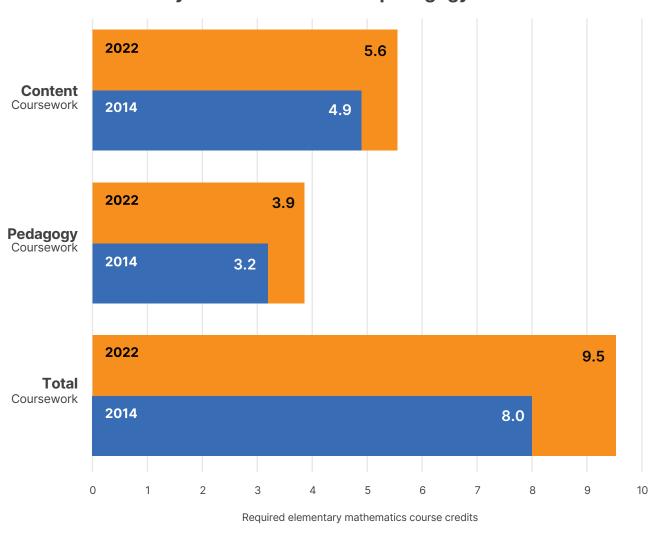
Time matters

Not only did programs that earned an A or A+ in 2022 add the most amount of new credit hours (2.3 credits on average), they also dedicated most of this additional time to much-neglected math *content*, as opposed to math *pedagogy*, the area in which preparation programs had already been dedicating sufficient time.

Conversely, while programs earning an F in 2022 also slightly raised the total time allocated to mathematics preparation (in their case, an increase of 0.5 credit hours), they tended to allocate their additional time to math pedagogy. In fact, F-rated programs, on average, actually reduced the number of credits dedicated to teaching mathematics content from 1.9 credits in 2014 to 1.6 credits in 2022, a 16% reduction.

Figure 2.

Change in amount of time allocated to undergraduate elementary math content versus pedagogy since 2014



(n=738 programs)

In spite of allocating more overall time to mathematics preparation, many undergraduate programs are not making optimal use of this instructional time.

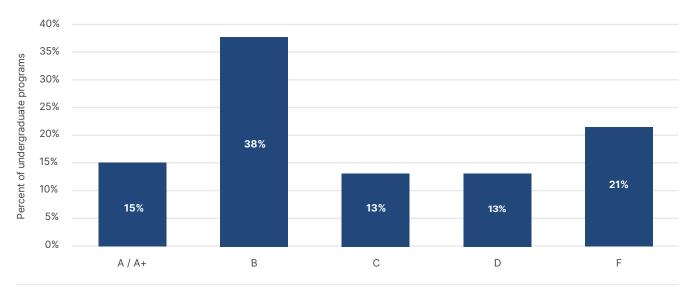
Finding enough credit hours available to prepare teachers in both mathematics content and pedagogy may be the hardest step for programs to take—given the competition for credit hours in an institution—but it is a step many programs have accomplished. The next challenge for programs is to ensure the time is used optimally, ensuring that courses include all of the content topics and math pedagogy essential to fully preparing a new elementary teacher.

Only 15% of undergraduate programs earn an A by adequately covering all of the math topics and pedagogy that elementary teachers need (see Figure 3 below). However, most of the programs earning a B-38% of the sample—need to make only modest adjustments to existing coursework to qualify for an A.

Programs earning an A or a B constitute half the sample, another indication that programs are heading in the right direction.

Undergraduate program grades on the Elementary

Mathematics standard in 2022

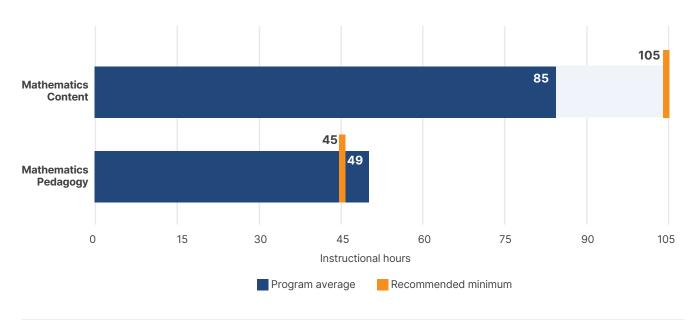


(n=771 programs) Grades summarize the degree to which programs address the essential elements of elementary mathematics instruction, which is measured based on each program's estimated instructional time dedicated to Numbers and Operations, Algebraic Thinking, Geometry and Measurement, Data Analysis and Probability, as well as Mathematics Pedagogy. The grades for 40 programs could not be determined and are excluded from the program count and distribution of grades.

As the chart below shows, programs *on average* exceed the time needed for math pedagogy, yet fall short of the instructional hours needed to develop a teacher candidate's deep understanding of math content.

Figure 4.

Time dedicated to elementary math content versus pedagogy by undergraduate programs



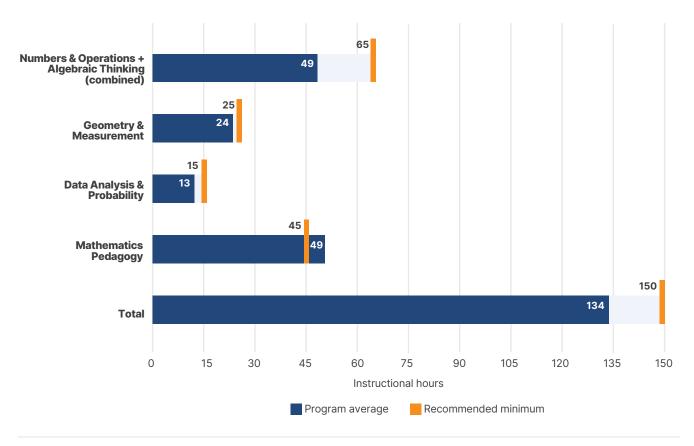
(n=764 programs) On average, programs in the sample allocate sufficient time to math pedagogy, actually exceeding the recommended target of 45 instructional hours. However, the average program provides about 80% (85 hours) of the recommended time of 105 hours to essential mathematics content. The 764 programs represented in this figure do not include the seven undergraduate programs that require a content knowledge licensing test as a condition of admissions prior to their junior year.

Math Content Knowledge vs. Math Pedagogical Knowledge

Content knowledge references the foundational understanding of mathematics. Programs can instill this knowledge in candidates through coursework that focuses on a conceptual understanding of the mathematics topics that are addressed in the elementary grades. Pedagogical knowledge references the methods of effective instruction that use content knowledge in the classroom. Together, they ensure that teachers know what they need to teach and also know how to teach it.

Figure 5.

Time dedicated to key elementary math topics by undergraduate programs



(n=764 programs) Here we combine the time spent on two topics, Numbers and Operations and Algebraic Thinking, because of a fair amount of overlap between the subtopics for each of these two areas.

The two areas where programs seem to need more dedicated time are Numbers and Operations and Algebraic Thinking. These topic areas are of vital importance in establishing a student's understanding of the number system, relationships among numbers, and how operations relate to one another. In states' elementary math standards, Numbers and Operations and Algebraic Thinking represent 55% of what is specified; however, roughly 12% or 88 programs offer their candidates no instructional time (courses or credits) related to either Numbers and Operations or Algebraic Thinking. In other key topic areas, 116 programs do not provide any instruction on Geometry and Measurement, while 189 programs do not cover Data Analysis and Probability at all.

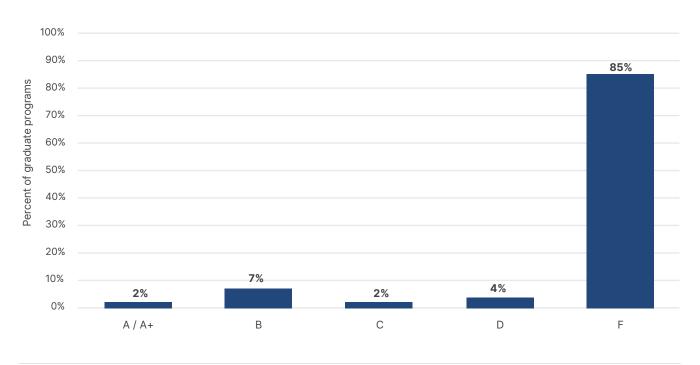
Graduate programs have a very different story to tell. The average graduate program spends less than a single credit hour on math content.

The overwhelming majority of graduate programs preparing elementary teachers do not dedicate sufficient time to teaching mathematics content, explaining how 85% of graduate programs earn an F. Where there is mathematics coursework, it is overwhelmingly dedicated to mathematics pedagogy.

Figure 6.

Graduate program grades on the Elementary

Mathematics standard in 2022



(n=293 programs) Grades are based on program coverage of the essential elements of elementary mathematics instruction, including Numbers and Operations, Algebraic Thinking, Geometry and Measurement, Data Analysis and Probability, as well as Mathematics Pedagogy. The grades for seven additional programs in the sample could not be determined and were excluded.

Visit the Teacher Prep Review online to see all programs' scores on Elementary Mathematics.

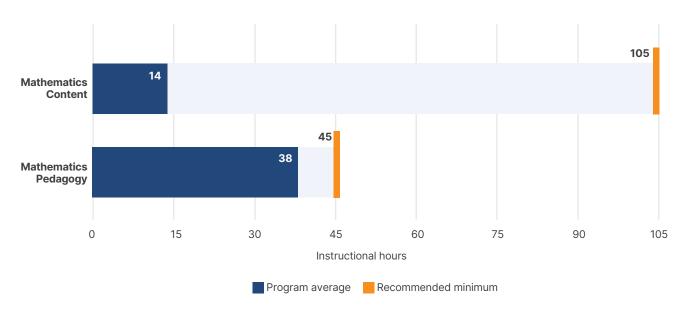
Search, sort, and filter all program grades by state, score, or program type, and see details on programs' math content and pedagogy coursework: https://www.nctq.org/review/standardScores/Elementary-Mathematics.

As noted previously, programs are credited with instructional hours without having to require additional coursework if they first validate that applicants possess mathematical knowledge by requiring a passing score on a content knowledge test as a condition of admission. To provide an example, when paired with coursework, programs can earn a B through the requirement of a test and a three-credit course dedicated to mathematics pedagogy. Among the 300 graduate programs in the sample, only 16 programs (5% of the graduate sample) employ the use of such a test.

When examining undergraduate and graduate programs within the same institution (see Figure 8), undergraduate programs exceed the performance of graduate programs in providing teacher candidates with math content knowledge.

Figure 7.

Time dedicated to elementary math content versus pedagogy by graduate programs



(n=277 programs) On average, graduate programs do not allocate sufficient time to math content or pedagogy. While graduate programs collectively approach the recommended time of 45 hours of mathematics pedagogy, the average program provides only 13% (14 hours) of the recommended time of 105 hours to essential mathematics content. The 277 programs represented in this figure do not include the 16 graduate programs that require a content knowledge licensing test as a condition of admissions.

The University of Montana stands out for its rare consistency, requiring identical coursework for both its undergraduate and graduate programs. All candidates pursuing initial elementary certification at the institution must complete the same five courses:

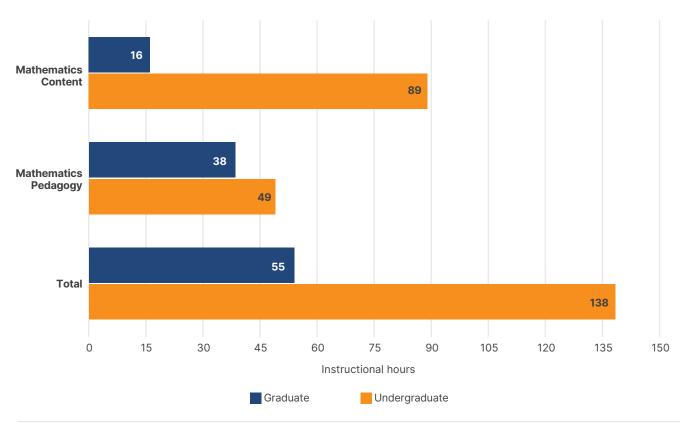
- Numbers and Operations for Elementary School Teachers
- Geometry and Measurement for Elementary School Teachers
- Higher Mathematics For Elementary School Teachers
- Methods: PK-4 Early Numeracy
- Methods: Teaching and Assessing 5-8 Mathematics

This structure is unique not only in terms of the number of courses required at the graduate level, but in that unlike most institutions, it did not create separate sets of courses for two programs preparing candidates for the same career.

For more about the University of Montana, please see the Exemplar Resources section.



Comparing approaches to mathematics preparation on the <u>same</u> campus, undergraduate versus graduate programs



 $(n=151 \ programs)$ In the absence of graduate programs requiring candidates to pass a content knowledge licensing test as a condition of admissions, the average graduate elementary program located on the same campus as an undergraduate elementary program requires five fewer credits of math coursework, suggesting a lack of consensus within a single institution for what constitutes a well-prepared elementary candidate.

What about non-traditional programs?

Recent *Teacher Prep Review* reports presented the results of non-traditional programs alongside those from traditional programs; however, moving forward their results will be independently addressed in a separate publication.

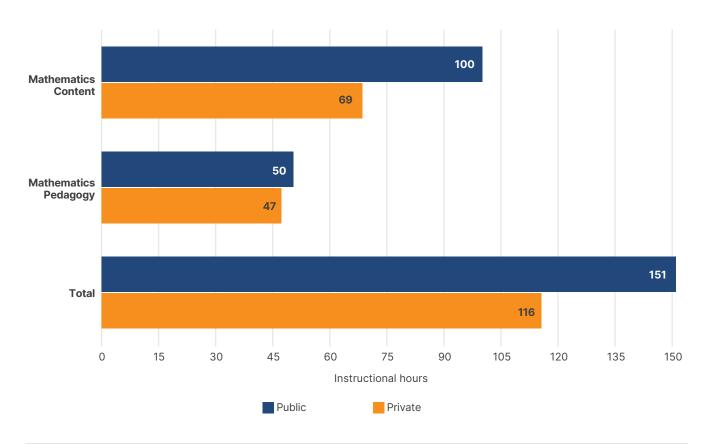
The decision to pursue a separate report for non-traditional programs will allow NCTQ to better address the unique, but also highly varying nature of non-traditional programs. There is no single model of a non-traditional program. Non-traditional programs range from those that closely resemble graduate programs to those which immediately place candidates as teachers of record. This standalone report will delve into these differences with greater context and also expand the sample to include more non-traditional programs. Our plan is to use this separate publication as an opportunity to not only address preparation in elementary mathematics but other standards as well in order to provide a more comprehensive understanding of these programs.

STATE BREAKDOWNS

When examining the undergraduate programs in each state, clear differences emerge in the number of instructional hours dedicated to mathematics. Undergraduate programs in Utah, Maryland, Louisiana, and Georgia require at least **seven credits** on average (105 instructional hours) for elementary mathematics content. In contrast, undergraduate programs in New York, Missouri, and Florida require **four or fewer credits** (60 instructional hours) of content.

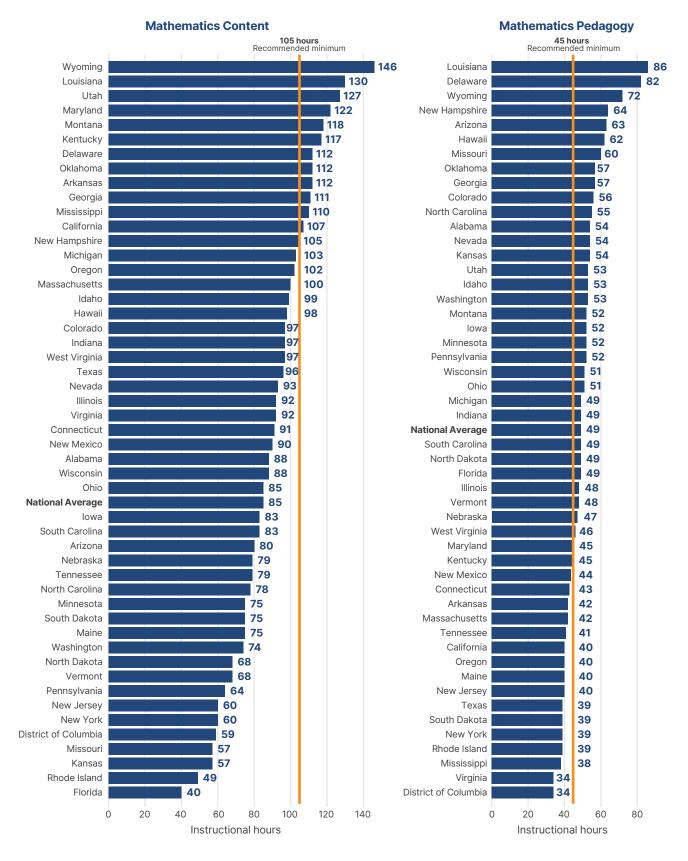
One part of the explanation for the full three-credit course difference between states may be the prevalence of private institutions in the states where fewer credits in math tend to be required. Across all undergraduate programs, public institutions provided nearly 50% more time for mathematics content coursework, compared to private institutions.

Comparing the time allocated to math preparation by public and private undergraduate programs



(n=764 programs) Inclusive of 372 public institutions and 392 private institutions.

Average instructional hours allocated for math preparation, undergraduate elementary programs, by state



ACCELERATING PROGRESS

The additional time that many undergraduate elementary programs have added in mathematics since 2014 represents real and significant progress. As many of these programs now only need to make moderate adjustments in how they use their time, we fully expect to be able to report in a few years that most new teachers coming through undergraduate programs are at long last receiving sufficient preparation in mathematics.

The status of graduate preparation is nowhere near as favorable, nor is their outlook as promising. With almost all graduate programs receiving a grade of F, both the institutions and the states that serve as their regulators must urgently identify viable ways to support teachers prepared at the post-baccalaureate level in mathematics, regardless of how someone enters the profession.

We offer eight ways teacher preparation programs and their state policymakers can make the progress that's needed:

Actions for teacher preparation programs

- 1. Lacking a system of strong diagnostic testing at the point of admissions, most candidates will need three content courses and one course in pedagogy. Specifically, elementary teachers need a strong conceptual understanding of four content topics (Numbers and Operations; Algebraic Thinking; Geometry and Measurement; and Data Analysis and Probability), in addition to Math Pedagogy. This knowledge is specialized, so should be aimed only at a teacher audience, not the broader campus population.
- 2. In the case of graduate programs, make much more extensive use of content knowledge tests during admissions, even if only for the purpose of diagnosing where candidates are going to need additional support and coursework rather than rejecting applicants. Regardless, graduate programs also need to add more time to the requisite coursework dedicated to mathematics.
- 3. Build partnerships with nearby districts to create specific feedback loops related to elementary mathematics instruction, reviewing course materials and content expectations for teacher candidates to determine if the program is meeting districts' needs. Consider the use of focus groups or surveys to understand specifically which key topic areas recent teacher candidates felt well-prepared to teach and which they did not.

4. Ensure student teaching placements occur with mentor teachers who have demonstrated knowledge of math content. A large amount of <u>recent research</u> has demonstrated that student teachers who are paired with a more effective cooperating teacher are more effective in their first year of teaching. Programs should also consider how well-versed their program supervisors are in math content.

Actions for state policymakers

- 5. Make current standards for elementary mathematics preparation more explicit and assess programs on their alignment to the standards during the program approval process. Currently, 11 states provide detailed math standards for elementary teacher preparation programs (see Appendix C). Arkansas, Massachusetts, and New Mexico stand out for their development of competencies for elementary teachers as a component of teacher preparation program requirements. Another 16 states adopted CAEP standards or require CAEP accreditation that also includes detailed math standards. Further, state education agencies should use these standards for elementary mathematics preparation in their review of programs.
- 6. Examine the state licensure tests for elementary licensure candidates to ensure alignment between what is required of elementary teachers and expectations for students. Ensure that the licensure tests require candidates to demonstrate knowledge of the essential math topics found in the standard.
- 7. Hold programs accountable for fully preparing any candidate they have admitted by scrutinizing program pass rates on state licensing tests, particularly the first-time pass rates. Only 21 states currently use pass rate data in their program approval systems, with none examining the first-time pass rates, the best indicator of program commitment to preparing all of their teacher candidates to meet state standards. To learn more about this issue and how many programs achieve high first-time pass rates regardless of the populations they serve, policymakers can review their state-specific dashboards here.
- 8. If shortages are a concern, consider creating a certification pathway in mathematics that would qualify a teacher to teach only the early elementary grades (K-2) when much less math knowledge is needed and therefore less coursework would be required.

There has long been a broad consensus among mathematicians, math educators, the organizations which represent them, as well as independent organizations seeking to improve student outcomes in mathematics that elementary teachers need to acquire specialized content preparation in mathematics not found in the math coursework required of other college students. As the nation struggles to emerge from a global pandemic and our schools grapple with the consequence of so much instructional loss, this need takes on important new urgency. Fortunately, we can report evidence of progress, suggesting that the significant work that remains to be done is eminently achievable.

Exemplar resources

Varying designs of elementary mathematics coursework requirements for four programs are provided here as a resource.

${\bf California\ State\ University\ --\ Northridge}$

Undergraduate

Course Number & Title	Numbers & Operations	Algebraic Thinking	Geometry & Measurement	Data Analysis & Probability	Mathematics Pedagogy
MATH 210: Basic Number Concepts	45				
MATH 211: Statistics and Probability for Elementary and Middle School Teachers				45	
MATH 310: Basic Concepts of Geometry, Probability and Statistics			40	5	
MATH 312: Basic Algebraic Concepts		45			
EED 472: Mathematics Curriculum and Methods					45
Instructional Hours Totals	45	45	40	50	45
ilistructional mours Totals	9	0	40	30	45

University of Montana

Undergraduate and Graduate

Course Number & Title	Numbers & Operations	Algebraic Thinking	Geometry & Measurement	Data Analysis & Probability	Mathematics Pedagogy
M 132: Numbers and Operations for Elementary School Teachers	44				1
M 133: Geometry and Measurement for Elementary School Teachers			45		
M 234: Higher Mathematics For Elementary School Teachers	20	13		12	
EDU 397: Methods: PK-4 Early Numeracy					45
EDU 497: Methods: Teaching and Assessing 5-8 Mathematics	14	11	6	6	8
Instructional Hours Totals	78	24	51	18	54
ilistructional nours Totals	10	2	31	10	54

University of Central Oklahoma

Undergraduate

Course Number & Title	Numbers & Operations	Algebraic Thinking	Geometry & Measurement	Data Analysis & Probability	Mathematics Pedagogy
MATH 2013: Structures of Math	45				
MATH 2023: Foundations of Geometry and Measurement			45		
MATH 2113: Analysis of Data and Chance				45	
MATH 2133: Patterns and Functions		45			
ELED 4323: Teaching Mathematics in the Preschool and Primary Grade	8		8	4	26
ELED 4333: Teaching Mathematics in the Intermediate Grades	5	5	5	5	25
ELED 4432: STEM Education in Grades 1-8					8
Instructional Hours Totals	58	50	58	54	59
ilisti uctional nouis Totals	10	8	36	54	39

West Virginia State University

Undergraduate

Course Number & Title	Numbers & Operations	Algebraic Thinking	Geometry & Measurement	Data Analysis & Probability	Mathematics Pedagogy
EDUC 324: Teaching Mathematics in the Elementary School					45
MATH 103: Problem Solving and Number Sense	45				
MATH 104: Algebra, Statistics and Probability	6	21		18	
MATH 105: Geometry and Measurement			45		
Instructional Hours Totals	54	21	45	18	45
	7:	2			

A+ Programs

These 79 exemplary programs earn an A+ because they meet 100% of the target instructional hours under each of the five topics.

State	Institution	Program
Alabama	Auburn University	Undergraduate
Alabama	University of Alabama	Undergraduate
Arkansas	Henderson State University	Undergraduate
Arkansas	University of Arkansas - Fort Smith	Undergraduate
California	California State University - Bakersfield	Undergraduate
California	California State University - Northridge	Undergraduate
Colorado	University of Northern Colorado	Undergraduate
Colorado	Western Colorado University	Undergraduate
Connecticut	Western Connecticut State University	Undergraduate
Georgia	Albany State University	Undergraduate
Georgia	Columbus State University	Undergraduate
Georgia	Dalton State College	Undergraduate
Georgia	Georgia Southern University	Undergraduate
Georgia	Georgia Southwestern State University	Undergraduate
Georgia	Valdosta State University	Undergraduate
Idaho	Boise State University	Undergraduate
Illinois	Monmouth College	Undergraduate
Indiana	Indiana University - Northwest	Undergraduate
Indiana	Indiana University - South Bend	Undergraduate
Indiana	Indiana University - Southeast	Undergraduate
Indiana	Indiana University-Purdue University Indianapolis	Undergraduate
Indiana	Purdue University Fort Wayne	Undergraduate
Indiana	Purdue University Northwest	Undergraduate
Iowa	University of Northern Iowa	Undergraduate
Kentucky	Western Kentucky University	Undergraduate
Louisiana	Louisiana State University - Alexandria	Undergraduate
Louisiana	Louisiana State University - Shreveport	Undergraduate
Louisiana	University of Louisiana at Lafayette	Undergraduate
Maryland	McDaniel College	Undergraduate
Maryland	Towson University	Undergraduate
Massachusetts	Bridgewater State University	Undergraduate
Massachusetts	Emmanuel College	Undergraduate
Massachusetts	Framingham State University	Undergraduate
Massachusetts	Merrimack College	Undergraduate
Massachusetts	University of Massachusetts - Amherst	Graduate
Massachusetts	Westfield State University	Undergraduate
Michigan	University of Michigan - Flint	Undergraduate

State	Institution	Program
Minnesota	University of St. Thomas	Undergraduate
Mississippi	Mississippi State University	Undergraduate
Missouri	Southwest Baptist University	Undergraduate
Montana	Montana State University	Undergraduate
Montana	Salish Kootenai College	Undergraduate
Montana	University of Montana	Undergraduate
Montana	University of Montana	Graduate
New Hampshire	Plymouth State University	Undergraduate
New Hampshire	Southern New Hampshire University	Undergraduate
New Jersey	Rider University	Undergraduate
New York	Medaille College	Undergraduate
New York	SUNY - Oswego	Undergraduate
North Carolina	University of North Carolina at Charlotte	Undergraduate
Ohio	Capital University	Undergraduate
Ohio	Kent State University	Undergraduate
Ohio	Wilmington College	Undergraduate
Oklahoma	East Central University	Undergraduate
Oklahoma	Northwestern Oklahoma State University	Undergraduate
Oklahoma	Oklahoma Baptist University	Undergraduate
Oklahoma	University of Central Oklahoma	Undergraduate
Oregon	Western Oregon University	Undergraduate
Pennsylvania	Gannon University	Undergraduate
Pennsylvania	Widener University	Undergraduate
South Carolina	Clemson University	Undergraduate
South Carolina	University of South Carolina - Upstate	Undergraduate
South Carolina	Winthrop University	Undergraduate
South Dakota	Oglala Lakota College	Undergraduate
Texas	University of Houston - Victoria	Undergraduate
Utah	Southern Utah University	Undergraduate
Utah	University of Utah	Undergraduate
Utah	Utah State University	Undergraduate
Utah	Utah Valley University	Undergraduate
Utah	Weber State University	Undergraduate
Virginia	Hampton University	Undergraduate
Virginia	James Madison University	Undergraduate
Virginia	Radford University	Undergraduate
West Virginia	West Virginia State University	Undergraduate
Wisconsin	University of Wisconsin - Eau Claire	Undergraduate
Wisconsin	University of Wisconsin - Madison	Undergraduate
Wisconsin	University of Wisconsin - Stevens Point	Undergraduate
Wyoming	University of Wyoming	Undergraduate

View all Elementary Mathematics program grades as part of the *Teacher Prep Review* online to see details on programs' math content and pedagogy coursework: https://www.nctq.org/review/standardScores/Elementary-Mathematics.

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- 7. The sample for the *Teacher Prep Review* represents programs that produce 95% of traditionally prepared elementary teachers.
- 8. The new standard no longer assesses the textbooks used in courses, formerly a primary determinant of the grade a program received, and also elevates the importance of pedagogy by assessing it as a fifth topic area, whereas previously it was only considered if content thresholds were met. A full comparison between the original and revised standard can be found here: https://www.nctq.org/pages/TPR-Standards-Revision-Math.
- 9. The majority of respondents (65%) were from teacher preparation programs; another 16% were from institutions of higher education external to the teacher preparation program, and 9% were from state education agencies. Most respondents (81%) reported that they have at some point taught a mathematics course for elementary teacher candidates.
- **10**. The test that programs use must be designed to yield a valid, independent cut score separate from any other subject areas that may be tested.
- 11. Among these 16 programs, two earn an A, 12 earn Bs, one a C, and one a D. In total, these programs account for a third of those earning a grade greater than an F.

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The evolution of NCTQ's revised Elementary Mathematics standard

While the methodology has been considerably streamlined from the 2014 *Teacher Prep Review* report, below is an overview of key principles of the original Elementary Mathematics standard and what changes, if any, were made with the new revised standard.

1. The math coursework taken by elementary teacher candidates needs to be exclusively aimed at a teacher audience, not the broader campus population.

OLD STANDARD	NEW STANDARD (2022)
YES	YES

Changes: This principle remains unchanged.

Rationale: There is solid consensus among both mathematicians as well as mathematics education organizations for the "teacher audience" approach, overriding concerns that such coursework might not be as rigorous as other math coursework, as it allows coursework to focus on elementary and middle school mathematics topics at a deep conceptual level. This approach is widely endorsed by both the National Council of Teachers of Mathematics (NCTM) and the Conference Board of the Mathematical Sciences (CBMS).

2. Programs need to provide sufficient time for elementary teachers to acquire both relevant math content and how to teach it.

OLD STANDARD	NEW STANDARD (2022)
Content: 8 credits (minimum) Pedagogy: 3 credits (minimum - only counted if content thresholds were met) Total: 11 credits	Content: 7 credits (minimum) Pedagogy: 3 credits (minimum) Total: 10 credits

Changes: Under the new standard, programs can meet the standard in as few as 10 credits instead of the previous 11, but given the common institutional practice of most coursework valued at three credits, the impact on program practice remains the same: most likely, programs need four three-credit courses to adequately prepare elementary teachers. In addition, the old standard required 8 credits of content for less selective teacher preparation programs but 6 credits of content for more selective programs. The new standard now holds all programs to the same expectations regardless of selectivity.

The new standard also makes it clearer that math content and pedagogy should be considered along equal lines. Analysts now assess time spent on math pedagogy through instructional hour estimates, the same as math content, whereas before math pedagogy was only considered if a program achieved the threshold for time spent on math content knowledge.

Rationale: The Conference Board of the Mathematical Sciences (CBMS)ⁱ recommends that aspiring elementary teachers take 12 semester credit hours in "elementary mathematics content" covering numbers and operations, algebra, measurement and data, and geometry, while the National Council of Teachers of Mathematics (NCTM)ⁱⁱ recommends taking at least three college-level mathematics courses in the content essential to elementary grades, in addition to instruction on pedagogy. While the Expert Advisory Panel supports the recommendation of CBMS and NCTM, given that these are minimum targets and data sources are limited, they recommended a minimum of 150 instructional hours or 10 credits. Both sources also recommend that teacher candidates need both math content and pedagogical knowledge to be well prepared for the classroom.

3. The content that needs to be covered mirrors what teachers will need to teach, but requires instruction at a deeper, conceptual level.

OLD STANDARD	NEW STANDARD (2022)		
Numbers and Operations	Numbers and Operations		
Algebra	Algebraic Thinking		
 Geometry and Measurement 	Geometry and Measurement		
Data Analysis and Probability	Data Analysis and Probability		

Changes: The topics remain largely unchanged in the revised standard.

Rationale: Building off Common Core State Standards, NCTM, CBMS, and the Council for the Accreditation of Educator Preparation (CAEP) standards, the Expert Advisory Panel grouped elementary mathematics content into four topics constituting the traditional elementary curriculum: *Numbers and Operations*, *Algebraic Thinking*, *Geometry and Measurement*,

and Data Analysis and Probability. **Recognizing the importance of covering key concepts from kindergarten through at least sixth-grade, the Panel slightly modified Algebra to Algebraic Thinking.

4. Math textbooks are a valuable resource for teacher preparation candidates.

Changes: While textbooks used by teacher candidates exist as a great resource, they were removed from the grading methodology of the revised Elementary Mathematics standard.

Rationale: The Expert Advisory Panel discussed the use of textbooks used by teacher candidates, and even though they agreed they are a valuable resource and serve as a measure of a course's approach to instruction, the Panel recommended that they be detached from the grading methodology. With little knowledge of which parts of textbooks are being used when syllabi are not available or when available syllabi do not provide specifics, the Panel felt it best to focus on more explicit data sources (e.g., syllabi) that could be used to consistently code the distribution of time allotted to math instruction, rather than make a judgment based on a textbook.

For more detailed information on the math standard revision process, please visit our <u>Elementary Mathematics Standard Revision page.</u>

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Methodology

Evaluation relies on two sources of data to produce a preliminary score for each program to review before the score is finalized:

- Course syllabi
- Course descriptions

To determine the validity of using course descriptions in lieu of syllabi, a pilot test evaluated 200 courses for which both course descriptions and syllabi were available to arrive at two independent assessments for how much time was dedicated to each of the five topics. The two forms of analysis produced similar results on average, within a range of 10 percentage points for each of the five topics. Further, the distribution of program grades under the two approaches was highly correlated, with no notable bias towards either approach. For more details from this pilot study, go here.

Methodology in brief

A team of analysts use course catalogs to determine the required coursework for each elementary program in the sample. Analysts then read course titles and descriptions to pinpoint all courses that are inclusive of mathematics. Teacher audience mathematics courses, inclusive of those that focus on both content and pedagogy are flagged for analysis. General audience mathematics courses (College Algebra, for example) are excluded from analysis.

A separate team of expert mathematics analysts evaluate syllabi and course descriptions using a detailed scoring protocol. Each course is analyzed for its coverage of five topics:

- Numbers and Operations
- Algebraic Thinking
- Geometry and Measurement
- Data Analysis and Probability
- Mathematics Pedagogy

Two additional topic categories of "Other Content Topics" and "Other Pedagogy Topics" are also included in the coding process so that non-relevant material (science pedagogy, for example) can be accounted for while coding the totality of each course.

Course descriptions for every course are independently evaluated by two analysts. Twenty percent of syllabi are randomly selected to be scored by a second analyst. In both cases, disagreements are adjudicated by a third analyst.

Course coding

When coding a Co	urse Description	When coding a Syllabus			
Reference Count	Count of the total number of references to each identifiable topic (e.g.,	Unit Type	Identify the type of calendar (daily, weekly, etc.) used in the syllabus.		
	Numbers and Operations).	Unit Count	Identify the total number of units (days, weeks, etc.) that are defined in the course schedule.		
		Reference Count	For each unit, count of the total number of references to each identifiable topic.		
Within the course presented in the s	description or details yllabus	Within each unit	Within each unit specified in the syllabus		
1. Numbers and Op	1. Numbers and Operations		Count of the number of references to Numbers and Operations including any subtopics within that domain.		
2. Algebraic Think	ing	Count of the number of references to Algebraic Thinking, including any subtopics with that domain.			
3. Geometry and N	Measurement	Count of the number of references to Geometry and Measurement including any subtopics with that domain.			
4. Data Analysis a	nd Probability	Count of the number of references to Data Analysis and Probability, including any subtopics with that domain.			
5. Mathematics Pe	edagogy	Count of the number of references to mathematics instructional approaches.			
6. Other Content 1	opics	Count of the number of references that address mathematics content topics outside any of the four content areas (e.g., references to trigonometry or calculus).			
7. Other Pedagogy	Topics	Count of the number of references that address general pedagogy or subject-specific pedagogy for subjects other than mathematics.			

After coding all courses, the percentage of each course dedicated to each topic is calculated. The resulting percentages are multiplied by the total instructional hours for the course (1 semester credit hour is equal to 15 instructional hours). The instructional hour counts are summed across all courses within a program and those values are measured against the scoring rubric.

Scoring rubric

A program's instructional hours under each topic are measured against individual targets. Instructional hours are counted up to the target, but not beyond, which means a program cannot make up for a lack of hours under one topic with excess in another. However, there is one exception.

While Numbers and Operations and Algebraic Thinking are separately coded and reported, for the purposes of scoring, the two topics are considered together. The result is that excess hours under either of those individual topic targets can be applied to the combined target.

Instructional hour targets

Numbers & Operations	Algebraic Thinking	Geometry & Measurement	Data Analysis & Probability	Math Pedagogy	Total
45 hours	20 hours	0.5.1	45.1	45 haves	150 hours
65 hours		25 hours	15 hours	45 hours	150 hours

Programs that require a passing score on a content knowledge licensing test as a *condition* of admissions into the preparation program automatically receive credit for 80% of the instructional hour targets for the four content topics (not Math Pedagogy), which is then added to the instructional hours these programs require through content coursework for the purpose of scoring this standard. Credit is only given under this measure in instances where the content knowledge licensing test has an independent cut score for mathematics.

Grade rubric

Grade	Total Percentage of Instructional Hours Target
A +	At least 150 instructional hours across the five topics <i>and</i> 100% of the recommended target hours under each of the five topics.
A	At least 135 instructional hours across the five topics <i>and</i> at least 90% of the recommended target hours under <i>each</i> of the five topics
В	At least 120 instructional hours (80%) across the five topics
С	At least 105 instructional hours (70%) across the five topics
D	At least 90 instructional hours (60%) across the five topics
F	Fewer than 90 instructional hours (less than 60%) across the five topics

Note: In cases where a syllabus is not available and the course description does not provide enough detail to be coded, the course is designated as "couldn't be determined" (CBD). When that designation is applied to any course within a program, the program's grade is listed as "CBD."

Learn more about the development and scoring of the Elementary Mathematics standard.

See the full *Technical Manual for Elementary Mathematics (2022)* for details on the development of the standard, the sample of programs, scoring protocols, coding reliability between data sources, and supporting research: https://www.nctq.org/dmsView/Technical_Manual_for_Elementary_Mathematics_2022.

APPENDIX C

State standards governing elementary math preparation

In each state, the department of education, the board of education, or a designated educator licensure board is responsible for establishing the requirements for teacher preparation programs and approving and monitoring their adherence to these requirements. NCTQ reviewed the requirements for prospective elementary teachers related to mathematics established in all 50 states and the District of Columbia. The specificity of the standards varied across states. The list below includes states with detailed math standards developed by the state and states that adopted the <u>Council to Advanced Educator Preparation (CAEP) standards for elementary teachers</u>.

Alabama*	Massachusetts
Alaska*	Michigan
Arkansas	Minnesota
California	Mississippi*
Connecticut*	Nevada*
Delaware*	New Mexico
District of Columbia	North Dakota*
Florida	Ohio*
ldaho*	South Carolina*
Illinois	South Dakota*
Indiana*	Texas
Kansas*	Virginia*
Louisiana*	Washington
Maryland*	

^{*} CAEP Accreditation required or CAEP standards adopted by the state.

APPENDIX D

All program scores in Elementary Mathematics

Note that all scores are as of the date of publication (5/17/2022). For the most up-to-date data, see the *Teacher Prep Review* online.

State	Institution	Program	2022 Grade
Alabama	Alabama A&M University	Graduate	F
Alabama	Alabama State University	Undergraduate	В
Alabama	Athens State University	Undergraduate	F
Alabama	Auburn University	Undergraduate	A+
Alabama	Auburn University at Montgomery	Undergraduate	В
Alabama	Auburn University at Montgomery	Graduate	F
Alabama	Birmingham Southern College	Undergraduate	В
Alabama	Jacksonville State University	Undergraduate	F
Alabama	Jacksonville State University	Graduate	F
Alabama	Miles College	Undergraduate	В
Alabama	Samford University	Undergraduate	F
Alabama	Samford University	Graduate	В
Alabama	Troy University	Undergraduate	В
Alabama	Troy University	Graduate	F
Alabama	University of Alabama	Undergraduate	A+
Alabama	University of Alabama	Graduate	F
Alabama	University of Alabama at Birmingham	Undergraduate	В
Alabama	University of Alabama in Huntsville	Undergraduate	В
Alabama	University of Mobile	Undergraduate	F
Alabama	University of Montevallo	Undergraduate	В
Alabama	University of North Alabama	Undergraduate	В
Alabama	University of South Alabama	Undergraduate	С
Alabama	University of South Alabama	Graduate	F
Alabama	University of West Alabama	Undergraduate	F
Arizona	Arizona State University	Undergraduate	В

State	Institution	Program	2022 Grade
Arizona	Arizona State University	Graduate	F
Arizona	Grand Canyon University	Undergraduate	А
Arizona	Grand Canyon University	Graduate	F
Arizona	Northern Arizona University	Undergraduate	В
Arizona	Northern Arizona University	Graduate	F
Arizona	Ottawa University - Surprise	Undergraduate	F
Arizona	University of Arizona	Undergraduate	В
Arizona	University of Phoenix	Undergraduate	В
Arizona	University of Phoenix	Graduate	F
Arkansas	Arkansas State University	Undergraduate	В
Arkansas	Arkansas Tech University	Undergraduate	В
Arkansas	Harding University	Undergraduate	F
Arkansas	Henderson State University	Undergraduate	A+
Arkansas	John Brown University	Undergraduate	D
Arkansas	Ouachita Baptist University	Undergraduate	С
Arkansas	Southern Arkansas University	Undergraduate	В
Arkansas	University of Arkansas	Undergraduate	В
Arkansas	University of Arkansas - Fort Smith	Undergraduate	A+
Arkansas	University of Arkansas at Little Rock	Undergraduate	D
Arkansas	University of Arkansas at Monticello	Undergraduate	В
Arkansas	University of Arkansas at Pine Bluff	Undergraduate	В
Arkansas	University of Central Arkansas	Undergraduate	В
Arkansas	University of Central Arkansas	Graduate	F

A grade of 'CBD' indicates a grade could not be determined. View Elementary Mathematics program grades as part of the *Teacher Prep Review* online to see details on programs' math content and pedagogy coursework: https://www.nctq.org/review/standardScores/Elementary-Mathematics.

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State	Institution	Program	2022 Grade
California	Alliant International University	Graduate	F
California	Azusa Pacific University	Graduate	F
California	Biola University	Graduate	F
California	California Baptist University	Graduate	F
California	California Lutheran University	Graduate	F
California	California Polytechnic State University - San Luis Obispo	Graduate	F
California	California State Polytechnic University - Pomona	Graduate	F
California	California State University - Bakersfield	Undergraduate	A+
California	California State University - Bakersfield	Graduate	F
California	California State University - Channel Islands	Graduate	F
California	California State University - Chico	Undergraduate	Α
California	California State University - Chico	Graduate	F
California	California State University - Dominguez Hills	Graduate	F
California	California State University - East Bay	Graduate	F
California	California State University - Fresno	Graduate	F
California	California State University - Fullerton	Graduate	F
California	California State University - Long Beach	Graduate	F
California	California State University - Los Angeles	Graduate	F
California	California State University - Monterey Bay	Graduate	F
California	California State University - Northridge	Undergraduate	A+
California	California State University - Northridge	Graduate	F
California	California State University - Sacramento	Graduate	F
California	California State University - San Bernardino	Graduate	F

State	Institution	Program	2022 Grade
California	California State University - San Marcos	Graduate	F
California	California State University - Stanislaus	Graduate	F
California	Chapman University	Graduate	F
California	Concordia University Irvine	Graduate	F
California	Dominican University of California	Graduate	F
California	Fresno Pacific University	Graduate	F
California	Hope International University	Graduate	F
California	Humboldt State University	Graduate	F
California	Loyola Marymount University	Undergraduate	D
California	Loyola Marymount University	Graduate	F
California	Mount St. Mary's University	Graduate	F
California	National University	Undergraduate	С
California	National University	Graduate	F
California	Notre Dame de Namur University	Graduate	F
California	Pepperdine University	Undergraduate	С
California	Point Loma Nazarene University	Graduate	F
California	Saint Mary's College of California	Graduate	F
California	San Diego State University	Graduate	D
California	San Francisco State University	Graduate	F
California	San Jose State University	Graduate	F
California	Santa Clara University	Graduate	F
California	Simpson University	Graduate	F
California	Sonoma State University	Graduate	F
California	Stanford University	Graduate	CBD
California	University of California - Berkeley	Graduate	F
California	University of California - Davis	Graduate	F
California	University of California - Irvine	Graduate	F
California	University of California - Los Angeles	Graduate	F

A grade of 'CBD' indicates a grade could not be determined. View Elementary Mathematics program grades as part of the *Teacher Prep Review* online to see details on programs' math content and pedagogy coursework: https://www.nctq.org/review/standardScores/Elementary-Mathematics.

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State	Institution	Program	2022 Grade
California	University of California - Riverside	Graduate	F
California	University of California - San Diego	Graduate	F
California	University of California - Santa Barbara	Graduate	D
California	University of California - Santa Cruz	Graduate	F
California	University of La Verne	Graduate	F
California	University of Massachusetts Global (formerly Brandman University)	Graduate	F
California	University of Redlands	Undergraduate	F
California	University of Redlands	Graduate	F
California	University of San Diego	Graduate	F
California	University of San Francisco	Graduate	F
California	University of Southern California	Graduate	F
California	University of the Pacific	Undergraduate	F
California	Vanguard University of Southern California	Graduate	F
Colorado	Adams State University	Undergraduate	F
Colorado	Colorado Christian University	Undergraduate	С
Colorado	Colorado Mesa University	Undergraduate	A
Colorado	Colorado State University - Pueblo	Undergraduate	CBD
Colorado	Fort Lewis College	Undergraduate	С
Colorado	Metropolitan State University of Denver	Undergraduate	С
Colorado	Metropolitan State University of Denver	Graduate	F
Colorado	Regis University	Undergraduate	CBD
Colorado	Regis University	Graduate	F
Colorado	University of Colorado Boulder	Undergraduate	В
Colorado	University of Colorado Colorado Springs	Undergraduate	В
Colorado	University of Colorado Colorado Springs	Graduate	В
Colorado	University of Colorado Denver	Undergraduate	CBD
Colorado	University of Colorado Denver	Graduate	CBD
Colorado	University of Denver	Graduate	F
Colorado	University of Northern Colorado	Undergraduate	A+

Colorado Colorado Western Colorado University Connecticut Central Connecticut State University Connecticut Central Connecticut State University Connecticut State University Connecticut Eastern Connecticut State University	dergraduate dergraduate dergraduate dergraduate dergraduate dergraduate aduate aduate duate duate duate dergraduate	F A+ B B B F F
University Connecticut Central Connecticut State University Connecticut Central Connecticut Grastate University Connecticut Eastern Connecticut State University Connecticut Eastern Connecticut Grastate University Connecticut Eastern Connecticut Grastate University	dergraduate aduate dergraduate aduate aduate aduate	B B B F
State University Connecticut Central Connecticut Grastate University Connecticut Eastern Connecticut University Connecticut Eastern Connecticut Grastate University	aduate dergraduate aduate aduate aduate	B B
State University Connecticut Eastern Connecticut University Connecticut Eastern Connecticut Gra	dergraduate aduate aduate aduate	B B
State University Connecticut Eastern Connecticut Gra	aduate aduate	B F
	aduate aduate	F
	aduate	
Connecticut Fairfield University Gra		г
Connecticut Quinnipiac University Gra	dergraduate	F
Connecticut Sacred Heart University Univ		F
Connecticut Southern Connecticut Und State University	dergraduate	С
Connecticut Southern Connecticut Gra State University	aduate	F
Connecticut University of Bridgeport Gra	aduate	F
Connecticut University of University of Connecticut	dergraduate	D
Connecticut University of Saint University of	dergraduate	F
Connecticut Western Connecticut Und State University	dergraduate	A+
Delaware State University	dergraduate	В
Delaware University of Delaware University	dergraduate	В
Delaware Wilmington University University	dergraduate	В
Delaware Wilmington University Gra	aduate	F
District of American University Gra Columbia	aduate	F
District of Catholic University of University of Columbia America	dergraduate	D
District of George Washington Gra Columbia University	aduate	F
District of Howard University Gra Columbia	aduate	F
District of University of the University of Columbia University of Columbia	dergraduate	D
District of University of the Gra Columbia District of Columbia	aduate	F
Florida Chipola College Und	dergraduate	F
Florida Daytona State College Und	dergraduate	В
Florida Flagler College Und	dergraduate	D
Florida Florida Agricultural and Und Mechanical University	dergraduate	CBD
Florida Florida Atlantic University	dergraduate	F

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State	Institution	Program	2022 Grade
Florida	Florida Atlantic University	Graduate	F
Florida	Florida Gulf Coast University	Undergraduate	F
Florida	Florida International University	Undergraduate	F
Florida	Florida Southern College	Undergraduate	F
Florida	Florida SouthWestern State College	Undergraduate	CBD
Florida	Florida State University	Undergraduate	CBD
Florida	Northwest Florida State College	Undergraduate	F
Florida	Palm Beach Atlantic University	Undergraduate	F
Florida	Saint Leo University	Undergraduate	F
Florida	Southeastern University	Undergraduate	В
Florida	St. Petersburg College	Undergraduate	D
Florida	Stetson University	Undergraduate	F
Florida	University of Central Florida	Undergraduate	В
Florida	University of Central Florida	Graduate	F
Florida	University of Florida	Undergraduate	F
Florida	University of Miami	Undergraduate	F
Florida	University of North Florida	Undergraduate	D
Florida	University of South Florida	Undergraduate	В
Florida	University of South Florida	Graduate	F
Florida	University of Tampa	Undergraduate	F
Florida	University of West Florida	Undergraduate	F
Florida	Warner University	Undergraduate	F
Georgia	Albany State University	Undergraduate	A+
Georgia	Augusta University	Undergraduate	В
Georgia	Augusta University	Graduate	С
Georgia	Berry College	Undergraduate	D
Georgia	Brenau University	Undergraduate	D
Georgia	Columbus State University	Undergraduate	A+
Georgia	Covenant College	Undergraduate	С
Georgia	Dalton State College	Undergraduate	A+
Georgia	Dalton State College	Graduate	В
Georgia	Georgia College and State University	Undergraduate	В

State	Institution	Program	2022 Grade
Georgia	Georgia Gwinnett College	Undergraduate	С
Georgia	Georgia Southern University	Undergraduate	A+
Georgia	Georgia Southern University	Graduate	F
Georgia	Georgia Southwestern State University	Undergraduate	A+
Georgia	Georgia State University	Undergraduate	В
Georgia	Georgia State University	Graduate	F
Georgia	Gordon State College	Undergraduate	В
Georgia	Kennesaw State University	Undergraduate	В
Georgia	Mercer University	Undergraduate	F
Georgia	Mercer University	Graduate	D
Georgia	Middle Georgia State University	Undergraduate	D
Georgia	Piedmont University	Undergraduate	D
Georgia	Piedmont University	Graduate	F
Georgia	Reinhardt University	Undergraduate	С
Georgia	Shorter University	Undergraduate	В
Georgia	University of Georgia	Undergraduate	С
Georgia	University of Georgia	Graduate	D
Georgia	University of North Georgia	Undergraduate	D
Georgia	University of West Georgia	Undergraduate	В
Georgia	Valdosta State University	Undergraduate	A+
Georgia	Wesleyan College	Undergraduate	F
Hawaii	Brigham Young University - Hawaii	Undergraduate	D
Hawaii	Chaminade University of Honolulu	Undergraduate	С
Hawaii	University of Hawaii - West Oʻahu	Undergraduate	С
Hawaii	University of Hawaii at Hilo	Graduate	F
Hawaii	University of Hawaii at Manoa	Undergraduate	С
Idaho	Boise State University	Undergraduate	A+
Idaho	Brigham Young University - Idaho	Undergraduate	D
Idaho	Idaho State University	Undergraduate	В
Idaho	Lewis-Clark State College	Undergraduate	В

			2022
State	Institution	Program	Grade
Idaho	Northwest Nazarene University	Undergraduate	В
Idaho	Northwest Nazarene University	Graduate	В
Idaho	University of Idaho	Undergraduate	В
Illinois	Augustana College	Undergraduate	С
Illinois	Aurora University	Undergraduate	Α
Illinois	Benedictine University	Undergraduate	В
Illinois	Blackburn College	Undergraduate	В
Illinois	Bradley University	Undergraduate	В
Illinois	Chicago State University	Undergraduate	В
Illinois	Concordia University Chicago	Undergraduate	В
Illinois	DePaul University	Undergraduate	С
Illinois	DePaul University	Graduate	F
Illinois	Dominican University	Undergraduate	D
Illinois	Eastern Illinois University	Undergraduate	С
Illinois	Elmhurst College	Undergraduate	F
Illinois	Governors State University	Undergraduate	В
Illinois	Greenville University	Undergraduate	В
Illinois	Illinois College	Undergraduate	В
Illinois	Illinois State University	Undergraduate	D
Illinois	Judson University	Undergraduate	В
Illinois	Knox College	Undergraduate	F
Illinois	Lewis University	Undergraduate	С
Illinois	Lewis University	Graduate	F
Illinois	Loyola University Chicago	Undergraduate	CBD
Illinois	McKendree University	Graduate	F
Illinois	Millikin University	Undergraduate	F
Illinois	Monmouth College	Undergraduate	A+
Illinois	National Louis University	Undergraduate	CBD
Illinois	National Louis University	Graduate	F
Illinois	North Central College	Undergraduate	В
Illinois	North Park University	Undergraduate	F
Illinois	North Park University	Graduate	F
Illinois	Northeastern Illinois University	Undergraduate	A
Illinois	Northeastern Illinois University	Graduate	F
Illinois	Northern Illinois University	Undergraduate	D

State	Institution	Program	2022 Grade
Illinois	Northern Illinois University	Graduate	F
Illinois	Northwestern University	Graduate	F
Illinois	Olivet Nazarene University	Undergraduate	В
Illinois	Quincy University	Undergraduate	В
Illinois	Rockford University	Undergraduate	В
Illinois	Saint Xavier University	Undergraduate	В
Illinois	Saint Xavier University	Graduate	F
Illinois	Southern Illinois University Carbondale	Undergraduate	В
Illinois	Southern Illinois University Edwardsville	Undergraduate	В
Illinois	Trinity Christian College	Undergraduate	В
Illinois	University of Chicago	Graduate	В
Illinois	University of Illinois at Chicago	Undergraduate	В
Illinois	University of Illinois at Urbana-Champaign	Undergraduate	A
Illinois	University of Illinois at Urbana-Champaign	Graduate	А
Illinois	University of Illinois Springfield	Undergraduate	F
Illinois	University of St. Francis	Undergraduate	В
Illinois	Western Illinois University	Undergraduate	С
Illinois	Wheaton College	Undergraduate	С
Indiana	Anderson University	Undergraduate	Α
Indiana	Ball State University	Undergraduate	A
Indiana	Bethel University	Undergraduate	С
Indiana	Butler University	Undergraduate	F
Indiana	Franklin College	Undergraduate	F
Indiana	Goshen College	Undergraduate	D
Indiana	Grace College and Theological Seminary	Undergraduate	D
Indiana	Huntington University	Undergraduate	С
Indiana	Indiana State University	Undergraduate	С
Indiana	Indiana University - Bloomington	Undergraduate	CBD
Indiana	Indiana University - East	Undergraduate	CBD
Indiana	Indiana University - Kokomo	Undergraduate	D
Indiana	Indiana University - Northwest	Undergraduate	A+
Indiana	Indiana University - South Bend	Undergraduate	A+

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State	Institution	Program	2022 Grade
Indiana	Indiana University - Southeast	Undergraduate	A+
Indiana	Indiana University- Purdue University Indianapolis	Undergraduate	A+
Indiana	Indiana Wesleyan University	Undergraduate	D
Indiana	Marian University Indianapolis	Undergraduate	В
Indiana	Purdue University	Undergraduate	Α
Indiana	Purdue University Fort Wayne	Undergraduate	A+
Indiana	Purdue University Northwest	Undergraduate	A+
Indiana	Saint Mary-of-the- Woods College	Undergraduate	D
Indiana	Saint Mary's College	Undergraduate	В
Indiana	Taylor University	Undergraduate	С
Indiana	University of Evansville	Undergraduate	В
Indiana	University of Indianapolis	Undergraduate	А
Indiana	University of Saint Francis	Undergraduate	F
Indiana	University of Southern Indiana	Undergraduate	А
Indiana	Valparaiso University	Graduate	F
Indiana	Vincennes University	Undergraduate	В
lowa	Briar Cliff University	Undergraduate	В
Iowa	Buena Vista University	Undergraduate	В
lowa	Central College	Undergraduate	В
lowa	Clarke University	Undergraduate	В
lowa	Coe College	Undergraduate	D
lowa	Dordt University	Undergraduate	С
lowa	Drake University	Undergraduate	В
lowa	Drake University	Graduate	F
lowa	Graceland University	Undergraduate	D
Iowa	Grand View University	Undergraduate	В
Iowa	Iowa State University	Undergraduate	В
lowa	lowa Wesleyan University	Undergraduate	D
Iowa	Loras College	Undergraduate	В
Iowa	Luther College	Undergraduate	В
Iowa	Morningside University	Undergraduate	D
Iowa	Mount Mercy University	Undergraduate	F
Iowa	Northwestern College	Undergraduate	В
Iowa	Simpson College	Undergraduate	В
Iowa	St. Ambrose University	Undergraduate	В

State	Institution	Program	2022 Grade
lowa	University of Dubuque	Undergraduate	В
lowa	University of Iowa	Undergraduate	С
lowa	University of Northern Iowa	Undergraduate	A+
Iowa	Upper Iowa University	Undergraduate	D
lowa	Wartburg College	Undergraduate	С
Iowa	William Penn University	Undergraduate	В
Kansas	Baker University	Undergraduate	В
Kansas	Benedictine College	Undergraduate	В
Kansas	Emporia State University	Undergraduate	F
Kansas	Fort Hays State University	Undergraduate	D
Kansas	Friends University	Undergraduate	F
Kansas	Kansas State University	Undergraduate	D
Kansas	Kansas State University	Graduate	F
Kansas	MidAmerica Nazarene University	Undergraduate	В
Kansas	Newman University	Undergraduate	D
Kansas	Ottawa University	Undergraduate	F
Kansas	Pittsburg State University	Undergraduate	В
Kansas	Southwestern College	Undergraduate	F
Kansas	Sterling College	Undergraduate	D
Kansas	University of Kansas	Undergraduate	В
Kansas	University of Saint Mary	Undergraduate	F
Kansas	Washburn University	Undergraduate	С
Kansas	Wichita State University	Undergraduate	В
Kentucky	Alice Lloyd College	Undergraduate	D
Kentucky	Asbury University	Undergraduate	CBD
Kentucky	Bellarmine University	Graduate	F
Kentucky	Campbellsville University	Undergraduate	В
Kentucky	Eastern Kentucky University	Undergraduate	В
Kentucky	Eastern Kentucky University	Graduate	D
Kentucky	Georgetown College	Undergraduate	В
Kentucky	Kentucky State University	Undergraduate	В
Kentucky	Midway University	Undergraduate	CBD
Kentucky	Morehead State University	Undergraduate	В
Kentucky	Murray State University	Undergraduate	В
Kentucky	Northern Kentucky University	Undergraduate	В

		_	2022
State	Institution	Program	Grade
Kentucky	University of Kentucky	Undergraduate	В
Kentucky	University of Louisville	Undergraduate	Α
Kentucky	University of Louisville	Graduate	В
Kentucky	University of Pikeville	Undergraduate	В
Kentucky	University of the Cumberlands	Undergraduate	В
Kentucky	University of the Cumberlands	Graduate	F
Kentucky	Western Kentucky University	Undergraduate	A+
Louisiana	Grambling State University	Undergraduate	В
Louisiana	Louisiana State University	Undergraduate	В
Louisiana	Louisiana State University - Alexandria	Undergraduate	A+
Louisiana	Louisiana State University - Shreveport	Undergraduate	A+
Louisiana	Louisiana Tech University	Undergraduate	CBD
Louisiana	McNeese State University	Undergraduate	В
Louisiana	Nicholls State University	Undergraduate	В
Louisiana	Northwestern State University of Louisiana	Undergraduate	CBD
Louisiana	Southeastern Louisiana University	Undergraduate	В
Louisiana	Southeastern Louisiana University	Graduate	D
Louisiana	Southern University and A&M College	Undergraduate	В
Louisiana	University of Louisiana at Lafayette	Undergraduate	A+
Louisiana	University of Louisiana at Lafayette	Graduate	В
Louisiana	University of Louisiana at Monroe	Undergraduate	А
Louisiana	University of New Orleans	Graduate	В
Maine	Husson University	Undergraduate	D
Maine	University of Maine	Undergraduate	С
Maine	University of Maine at Farmington	Undergraduate	В
Maine	University of Maine at Machias	Undergraduate	F
Maine	University of Maine at Presque Isle	Undergraduate	В
Maine	University of New England	Undergraduate	F

State	Institution	Program	2022 Grade
Maine	University of Southern Maine	Undergraduate	В
Maryland	Coppin State University	Graduate	F
Maryland	Frostburg State University	Undergraduate	С
Maryland	Frostburg State University	Graduate	F
Maryland	Hood College	Undergraduate	В
Maryland	Loyola University Maryland	Undergraduate	В
Maryland	Loyola University Maryland	Graduate	F
Maryland	McDaniel College	Undergraduate	A+
Maryland	Morgan State University	Undergraduate	В
Maryland	Mount St. Mary's University	Graduate	F
Maryland	Notre Dame of Maryland University	Undergraduate	F
Maryland	Notre Dame of Maryland University	Graduate	F
Maryland	Salisbury University	Undergraduate	CBD
Maryland	St. Mary's College of Maryland	Undergraduate	С
Maryland	Stevenson University	Undergraduate	CBD
Maryland	Towson University	Undergraduate	A+
Maryland	Towson University	Graduate	F
Maryland	University of Maryland - Baltimore County	Undergraduate	В
Maryland	University of Maryland - College Park	Undergraduate	В
Maryland	University of Maryland - College Park	Graduate	В
Massachusetts	American International College	Graduate	F
Massachusetts	Assumption University	Undergraduate	В
Massachusetts	Bay Path University	Undergraduate	В
Massachusetts	Boston College	Undergraduate	В
Massachusetts	Boston University	Graduate	D
Massachusetts	Brandeis University	Graduate	F
Massachusetts	Bridgewater State University	Undergraduate	A+
Massachusetts	Bridgewater State University	Graduate	F
Massachusetts	Cambridge College	Graduate	CBD
Massachusetts	Clark University	Graduate	В
Massachusetts	Emmanuel College	Undergraduate	A+
Massachusetts	Endicott College	Undergraduate	Α

			2022
State	Institution	Program	Grade
Massachusetts	Fitchburg State University	Graduate	F
Massachusetts	Framingham State University	Undergraduate	A+
Massachusetts	Gordon College	Undergraduate	Α
Massachusetts	Lesley University	Undergraduate	F
Massachusetts	Lesley University	Graduate	С
Massachusetts	Massachusetts College of Liberal Arts	Undergraduate	С
Massachusetts	Merrimack College	Undergraduate	A+
Massachusetts	Merrimack College	Graduate	С
Massachusetts	Mount Holyoke College	Undergraduate	F
Massachusetts	Northeastern University	Graduate	F
Massachusetts	Salem State University	Graduate	F
Massachusetts	Simmons University	Graduate	F
Massachusetts	Smith College	Undergraduate	F
Massachusetts	Springfield College	Graduate	F
Massachusetts	Stonehill College	Undergraduate	F
Massachusetts	University of Massachusetts - Amherst	Graduate	A+
Massachusetts	University of Massachusetts - Boston	Graduate	F
Massachusetts	Westfield State University	Undergraduate	A+
Massachusetts	Westfield State University	Graduate	F
Massachusetts	Worcester State University	Undergraduate	A
Michigan	Alma College	Undergraduate	D
Michigan	Aquinas College	Undergraduate	В
Michigan	Calvin University	Undergraduate	С
Michigan	Central Michigan University	Undergraduate	В
Michigan	Cornerstone University	Undergraduate	F
Michigan	Eastern Michigan University	Undergraduate	В
Michigan	Ferris State University	Undergraduate	С
Michigan	Grand Valley State University	Undergraduate	D
Michigan	Grand Valley State University	Graduate	F
Michigan	Hope College	Undergraduate	В
Michigan	Lake Superior State University	Undergraduate	В
Michigan	Madonna University	Undergraduate	D

State	Institution	Program	2022 Grade
Michigan	Michigan State University	Undergraduate	В
Michigan	Northern Michigan University	Undergraduate	A
Michigan	Oakland University	Undergraduate	В
Michigan	Oakland University	Graduate	F
Michigan	Saginaw Valley State University	Undergraduate	В
Michigan	Spring Arbor University	Undergraduate	D
Michigan	University of Michigan - Ann Arbor	Undergraduate	В
Michigan	University of Michigan - Dearborn	Undergraduate	A
Michigan	University of Michigan - Flint	Undergraduate	A+
Michigan	Wayne State University	Undergraduate	D
Michigan	Wayne State University	Graduate	F
Michigan	Western Michigan University	Undergraduate	Α
Minnesota	Augsburg University	Undergraduate	В
Minnesota	Bemidji State University	Undergraduate	В
Minnesota	Bethel University	Undergraduate	В
Minnesota	College of Saint Benedict and Saint John's University	Undergraduate	В
Minnesota	College of Saint Scholastica	Undergraduate	A+
Minnesota	Concordia College at Moorhead	Undergraduate	С
Minnesota	Concordia University St. Paul	Undergraduate	D
Minnesota	Crown College	Undergraduate	F
Minnesota	Gustavus Adolphus College	Undergraduate	F
Minnesota	Hamline University	Undergraduate	F
Minnesota	Martin Luther College	Undergraduate	CBD
Minnesota	Metropolitan State University	Undergraduate	С
Minnesota	Minnesota State University - Mankato	Undergraduate	Α
Minnesota	Minnesota State University - Moorhead	Undergraduate	В
Minnesota	Saint Mary's University of Minnesota	Graduate	F
Minnesota	Southwest Minnesota State University	Undergraduate	D
Minnesota	St. Catherine University	Undergraduate	С
Minnesota	St. Cloud State University	Undergraduate	В

State	Institution	Program	2022 Grade
Minnesota	University of Minnesota - Crookston	Undergraduate	F
Minnesota	University of Minnesota - Duluth	Undergraduate	В
Minnesota	University of Minnesota - Morris	Undergraduate	F
Minnesota	University of Minnesota - Twin Cities	Undergraduate	В
Minnesota	University of Northwestern - St. Paul	Undergraduate	D
Minnesota	University of St. Thomas	Undergraduate	A+
Minnesota	Winona State University	Undergraduate	CBD
Mississippi	Alcorn State University	Undergraduate	В
Mississippi	Blue Mountain College	Undergraduate	С
Mississippi	Delta State University	Undergraduate	CBD
Mississippi	Jackson State University	Undergraduate	С
Mississippi	Mississippi College	Undergraduate	В
Mississippi	Mississippi State University	Undergraduate	A+
Mississippi	Mississippi University for Women	Undergraduate	С
Mississippi	Mississippi Valley State University	Undergraduate	С
Mississippi	University of Mississippi	Undergraduate	В
Mississippi	University of Southern Mississippi	Undergraduate	С
Mississippi	William Carey University	Undergraduate	В
Missouri	Central Methodist University - College of Liberal Arts & Sciences	Undergraduate	D
Missouri	College of the Ozarks	Undergraduate	F
Missouri	Columbia College	Undergraduate	F
Missouri	Drury University	Undergraduate	F
Missouri	Evangel University	Undergraduate	С
Missouri	Fontbonne University	Undergraduate	В
Missouri	Hannibal-LaGrange University	Undergraduate	D
Missouri	Harris-Stowe State University	Undergraduate	D
Missouri	Lincoln University	Undergraduate	F
Missouri	Lindenwood University	Undergraduate	D
Missouri	Lindenwood University	Graduate	F
Missouri	Maryville University of St. Louis	Undergraduate	В
Missouri	Missouri Baptist University	Undergraduate	F

State	Institution	Program	2022 Grade
Missouri	Missouri Southern State University	Undergraduate	В
Missouri	Missouri State University	Undergraduate	С
Missouri	Missouri Valley College	Undergraduate	F
Missouri	Missouri Western State University	Undergraduate	D
Missouri	Northwest Missouri State University	Undergraduate	F
Missouri	Park University	Undergraduate	F
Missouri	Rockhurst University	Undergraduate	F
Missouri	Southeast Missouri State University	Undergraduate	F
Missouri	Southwest Baptist University	Undergraduate	A+
Missouri	St. Louis University	Undergraduate	F
Missouri	Truman State University	Graduate	F
Missouri	University of Central Missouri	Undergraduate	CBD
Missouri	University of Missouri - Columbia	Undergraduate	D
Missouri	University of Missouri - Kansas City	Undergraduate	С
Missouri	University of Missouri - St. Louis	Undergraduate	С
Missouri	University of Missouri - St. Louis	Graduate	F
Missouri	Washington University in St. Louis	Undergraduate	CBD
Missouri	Webster University	Graduate	F
Montana	Carroll College	Undergraduate	В
Montana	Montana State University	Undergraduate	A+
Montana	Montana State University - Northern	Undergraduate	F
Montana	Montana State University Billings	Undergraduate	В
Montana	Rocky Mountain College	Undergraduate	В
Montana	Salish Kootenai College	Undergraduate	A+
Montana	University of Montana	Undergraduate	A+
Montana	University of Montana	Graduate	A+
Montana	University of Montana - Western	Undergraduate	В
Nebraska	Chadron State College	Undergraduate	В
Nebraska	College of Saint Mary	Undergraduate	F
Nebraska	Concordia University Nebraska	Undergraduate	D
Nebraska	Creighton University	Undergraduate	F

State	Institution	Program	2022 Grade
Nebraska	Doane University	Undergraduate	В
Nebraska	Hastings College	Undergraduate	В
Nebraska	Midland University	Undergraduate	D
Nebraska	Peru State College	Undergraduate	F
Nebraska	Union College	Undergraduate	D
Nebraska	University of Nebraska - Lincoln	Undergraduate	В
Nebraska	University of Nebraska - Lincoln	Graduate	F
Nebraska	University of Nebraska at Kearney	Undergraduate	В
Nebraska	University of Nebraska Omaha	Undergraduate	В
Nebraska	Wayne State College	Undergraduate	В
Nevada	Great Basin College	Undergraduate	В
Nevada	Nevada State College	Undergraduate	В
Nevada	University of Nevada - Las Vegas	Undergraduate	В
Nevada	University of Nevada - Reno	Undergraduate	В
Nevada	University of Nevada - Reno	Graduate	F
New Hampshire	Antioch University New England	Graduate	F
New Hampshire	Keene State College	Undergraduate	В
New Hampshire	Plymouth State University	Undergraduate	A+
New Hampshire	Rivier University	Undergraduate	D
New Hampshire	Southern New Hampshire University	Undergraduate	A+
New Hampshire	University of New Hampshire	Graduate	С
New Jersey	Bloomfield College	Undergraduate	F
New Jersey	Caldwell University	Undergraduate	F
New Jersey	Caldwell University	Graduate	F
New Jersey	Centenary University	Undergraduate	F
New Jersey	College of New Jersey	Undergraduate	А
New Jersey	College of New Jersey	Graduate	F
New Jersey	Fairleigh Dickinson University	Graduate	В
New Jersey	Felician University	Undergraduate	С
New Jersey	Felician University	Graduate	F
New Jersey	Georgian Court University	Undergraduate	F
New Jersey	Georgian Court University	Graduate	В
New Jersey	Kean University	Undergraduate	F
New Jersey	Monmouth University	Undergraduate	В

State	Institution	Program	2022 Grade
New Jersey	Monmouth University	Graduate	F
New Jersey	Montclair State University	Undergraduate	С
New Jersey	Montclair State University	Graduate	F
New Jersey	New Jersey City University	Undergraduate	D
New Jersey	New Jersey City University	Graduate	F
New Jersey	Ramapo College of New Jersey	Undergraduate	CBD
New Jersey	Rider University	Undergraduate	A+
New Jersey	Rider University	Graduate	F
New Jersey	Rowan University	Undergraduate	С
New Jersey	Rutgers University - Camden	Graduate	F
New Jersey	Rutgers University - New Brunswick	Graduate	F
New Jersey	Saint Elizabeth University	Undergraduate	F
New Jersey	Saint Peter's University	Undergraduate	В
New Jersey	Seton Hall University	Undergraduate	В
New Jersey	Stockton University	Undergraduate	CBD
New Jersey	William Paterson University of New Jersey	Undergraduate	F
New Jersey	William Paterson University of New Jersey	Graduate	В
New Mexico	Eastern New Mexico University	Undergraduate	В
New Mexico	New Mexico Highlands University	Undergraduate	В
New Mexico	New Mexico State University	Undergraduate	С
New Mexico	New Mexico State University	Graduate	D
New Mexico	Northern New Mexico College	Undergraduate	D
New Mexico	University of New Mexico	Undergraduate	В
New Mexico	University of New Mexico	Graduate	F
New Mexico	Western New Mexico University	Graduate	F
New York	Adelphi University	Graduate	F
New York	Alfred University	Undergraduate	В
New York	Bank Street College of Education	Graduate	F
New York	Canisius College	Undergraduate	F

State	Institution	Program	2022 Grade
New York	Canisius College	Graduate	F
New York	College of Saint Rose	Undergraduate	C
New York	College of Saint Rose	Graduate	F
New York	Columbia University	Graduate	F
New York	CUNY - Brooklyn College	Undergraduate	F
New York	CUNY - Brooklyn College	Graduate	F
New York	CUNY - City College	Undergraduate	В
New York	CUNY - City College	Graduate	D
New York	CUNY - College of Staten Island	Undergraduate	В
New York	CUNY - College of Staten Island	Graduate	F
New York	CUNY - Hunter College	Undergraduate	В
New York	CUNY - Hunter College	Graduate	F
New York	CUNY - Lehman College	Undergraduate	F
New York	CUNY - Lehman College	Graduate	F
New York	CUNY - Medgar Evers College	Undergraduate	F
New York	CUNY - Queens College	Undergraduate	CBD
New York	CUNY - Queens College	Graduate	F
New York	CUNY - York College	Undergraduate	В
New York	Daemen College	Undergraduate	F
New York	Dominican College	Graduate	F
New York	Fordham University	Graduate	F
New York	Hofstra University	Undergraduate	CBD
New York	Hofstra University	Graduate	F
New York	Iona College	Undergraduate	F
New York	Keuka College	Undergraduate	F
New York	Le Moyne College	Undergraduate	F
New York	Long Island University	Undergraduate	В
New York	Long Island University	Graduate	F
New York	Manhattan College	Undergraduate	F
New York	Manhattanville College	Undergraduate	F
New York	Manhattanville College	Graduate	F
New York	Marist College	Undergraduate	F
New York	Medaille College	Undergraduate	A+
New York	Medaille College	Graduate	F
New York	Mercy College	Graduate	F
New York	Molloy College	Undergraduate	В
New York	Molloy College	Graduate	F

			Grade
New York	Mount Saint Mary College	Undergraduate	F
New York	Nazareth College	Undergraduate	F
New York	Nazareth College	Graduate	F
New York	New York Institute of Technology	Graduate	F
New York	New York University	Undergraduate	С
New York	New York University	Graduate	F
New York	Niagara University	Undergraduate	F
New York	Niagara University	Graduate	F
New York	Pace University	Undergraduate	F
New York	Pace University	Graduate	F
New York	Roberts Wesleyan College	Undergraduate	F
New York	Sage Colleges	Undergraduate	С
New York	Sage Colleges	Graduate	F
New York	St. Bonaventure University	Undergraduate	D
New York	St. Francis College	Undergraduate	D
New York	St. John Fisher College	Undergraduate	В
New York	St. John Fisher College	Graduate	F
New York	St. John's University	Undergraduate	D
New York	St. John's University	Graduate	F
New York	St. Joseph's College	Undergraduate	F
New York	St. Thomas Aquinas College	Undergraduate	В
New York	SUNY - Binghamton University	Graduate	F
New York	SUNY - Buffalo State	Undergraduate	F
New York	SUNY - Buffalo State	Graduate	F
New York	SUNY - Fredonia	Undergraduate	С
New York	SUNY - Geneseo	Undergraduate	С
New York	SUNY - New Paltz	Undergraduate	С
New York	SUNY - New Paltz	Graduate	F
New York	SUNY - Oswego	Undergraduate	A+
New York	SUNY - Oswego	Graduate	F
New York	SUNY - Potsdam	Undergraduate	В
New York	SUNY - Potsdam	Graduate	F
New York	SUNY College at Brockport	Undergraduate	В
New York	SUNY College at Cortland	Undergraduate	В
New York	SUNY College at Cortland	Graduate	F
New York	SUNY College at Old Westbury	Undergraduate	С

State	Institution	Program	2022 Grade
New York	SUNY College at Oneonta	Undergraduate	С
New York	SUNY College at Plattsburgh	Undergraduate	CBD
New York	SUNY College at Plattsburgh	Graduate	F
New York	SUNY University at Buffalo	Graduate	F
New York	Syracuse University	Undergraduate	С
New York	Touro College	Undergraduate	F
New York	Touro College	Graduate	F
New York	Utica College	Undergraduate	F
New York	Wagner College	Undergraduate	F
North Carolina	Appalachian State University	Undergraduate	В
North Carolina	Barton College	Undergraduate	D
North Carolina	Belmont Abbey College	Undergraduate	CBD
North Carolina	Campbell University	Undergraduate	В
North Carolina	Catawba College	Undergraduate	А
North Carolina	East Carolina University	Undergraduate	В
North Carolina	Elon University	Undergraduate	А
North Carolina	Fayetteville State University	Undergraduate	D
North Carolina	Gardner-Webb University	Undergraduate	В
North Carolina	Greensboro College	Graduate	F
North Carolina	Guilford College	Undergraduate	CBD
North Carolina	High Point University	Undergraduate	В
North Carolina	Lees-McRae College	Undergraduate	D
North Carolina	Lenoir-Rhyne University	Undergraduate	В
North Carolina	Mars Hill University	Undergraduate	С
North Carolina	Meredith College	Undergraduate	А
North Carolina	North Carolina A&T State University	Undergraduate	D
North Carolina	North Carolina Central University	Undergraduate	F
North Carolina	North Carolina State University at Raleigh	Undergraduate	CBD
North Carolina	North Carolina State University at Raleigh	Graduate	F
North Carolina	North Carolina Wesleyan College	Undergraduate	D
North Carolina	Pfeiffer University	Undergraduate	F
North Carolina	Salem College	Graduate	F
North Carolina	St. Andrews University	Undergraduate	F
North Carolina	University of North Carolina at Chapel Hill	Graduate	D

State	Institution	Program	2022 Grade
North Carolina	University of North Carolina at Charlotte	Undergraduate	A+
North Carolina	University of North Carolina at Charlotte	Graduate	F
North Carolina	University of North Carolina at Greensboro	Undergraduate	D
North Carolina	University of North Carolina at Greensboro	Graduate	F
North Carolina	University of North Carolina at Pembroke	Undergraduate	F
North Carolina	University of North Carolina at Wilmington	Undergraduate	А
North Carolina	University of North Carolina at Wilmington	Graduate	F
North Carolina	Western Carolina University	Undergraduate	А
North Carolina	Wingate University	Graduate	F
North Carolina	Winston-Salem State University	Undergraduate	В
North Dakota	Dickinson State University	Undergraduate	В
North Dakota	Mayville State University	Undergraduate	D
North Dakota	Minot State University	Undergraduate	В
North Dakota	Sitting Bull College	Undergraduate	D
North Dakota	University of Jamestown	Undergraduate	D
North Dakota	University of Mary	Undergraduate	В
North Dakota	University of North Dakota	Undergraduate	D
North Dakota	Valley City State University	Undergraduate	В
Ohio	Ashland University	Undergraduate	F
Ohio	Ashland University	Graduate	F
Ohio	Baldwin Wallace University	Undergraduate	В
Ohio	Bluffton University	Undergraduate	F
Ohio	Bowling Green State University	Undergraduate	В
Ohio	Capital University	Undergraduate	A+
Ohio	Cedarville University	Undergraduate	CBD
Ohio	Central State University	Undergraduate	F
Ohio	Cleveland State University	Undergraduate	В
Ohio	Cleveland State University	Graduate	F
Ohio	Defiance College	Undergraduate	D
Ohio	Franciscan University of Steubenville	Undergraduate	В

State	Institution	Program	2022 Grade
Ohio	John Carroll University	Undergraduate	С
Ohio	Kent State University	Undergraduate	A+
Ohio	Kent State University	Graduate	F
Ohio	Lake Erie College	Undergraduate	В
Ohio	Malone University	Undergraduate	CBD
Ohio	Marietta College	Undergraduate	В
Ohio	Miami University of Ohio	Undergraduate	В
Ohio	Mount St. Joseph University	Undergraduate	В
Ohio	Mount Vernon Nazarene University	Undergraduate	F
Ohio	Muskingum University	Undergraduate	F
Ohio	Notre Dame College	Undergraduate	С
Ohio	Ohio Dominican University	Undergraduate	В
Ohio	Ohio State University	Undergraduate	С
Ohio	Ohio State University	Graduate	С
Ohio	Ohio University	Undergraduate	В
Ohio	Otterbein University	Undergraduate	F
Ohio	Shawnee State University	Undergraduate	В
Ohio	University of Akron	Undergraduate	В
Ohio	University of Cincinnati	Undergraduate	С
Ohio	University of Dayton	Undergraduate	В
Ohio	University of Findlay	Undergraduate	D
Ohio	University of Mount Union	Undergraduate	F
Ohio	University of Rio Grande	Undergraduate	С
Ohio	University of Toledo	Undergraduate	В
Ohio	University of Toledo	Graduate	F
Ohio	Walsh University	Undergraduate	F
Ohio	Wilmington College	Undergraduate	A+
Ohio	Wittenberg University	Undergraduate	В
Ohio	Wright State University	Undergraduate	F
Ohio	Xavier University	Undergraduate	С
Ohio	Xavier University	Graduate	F
Ohio	Youngstown State University	Undergraduate	В
Oklahoma	Cameron University	Undergraduate	В
Oklahoma	East Central University	Undergraduate	A+
Oklahoma	Langston University	Undergraduate	С
Oklahoma	Northeastern State University	Undergraduate	F

State	Institution	Program	2022 Grade
Oklahoma	Northwestern Oklahoma State University	Undergraduate	A+
Oklahoma	Oklahoma Baptist University	Undergraduate	A+
Oklahoma	Oklahoma Panhandle State University	Undergraduate	С
Oklahoma	Oklahoma State University	Undergraduate	С
Oklahoma	Oklahoma State University	Graduate	F
Oklahoma	Oral Roberts University	Undergraduate	F
Oklahoma	Southeastern Oklahoma State University	Undergraduate	С
Oklahoma	Southwestern Oklahoma State University	Undergraduate	В
Oklahoma	University of Central Oklahoma	Undergraduate	A+
Oklahoma	University of Oklahoma	Undergraduate	В
Oklahoma	University of Science and Arts of Oklahoma	Undergraduate	В
Oregon	Corban University	Undergraduate	CBD
Oregon	Eastern Oregon University	Undergraduate	CBD
Oregon	Eastern Oregon University	Graduate	CBD
Oregon	George Fox University	Undergraduate	Α
Oregon	Lewis and Clark College	Graduate	F
Oregon	Linfield University	Undergraduate	А
Oregon	Oregon State University	Undergraduate	В
Oregon	Oregon State University	Graduate	В
Oregon	Pacific University	Undergraduate	F
Oregon	Pacific University	Graduate	F
Oregon	Portland State University	Graduate	A
Oregon	Southern Oregon University	Undergraduate	С
Oregon	Southern Oregon University	Graduate	С
Oregon	University of Oregon	Graduate	F
Oregon	University of Portland	Undergraduate	D
Oregon	University of Portland	Graduate	F
Oregon	Warner Pacific University	Undergraduate	С
Oregon	Western Oregon University	Undergraduate	A+

State	Institution	Program	2022 Grade
Oregon	Western Oregon University	Graduate	F
Pennsylvania	Alvernia University	Undergraduate	В
Pennsylvania	Arcadia University	Undergraduate	С
Pennsylvania	Bloomsburg University of Pennsylvania	Undergraduate	В
Pennsylvania	Bloomsburg University of Pennsylvania	Graduate	F
Pennsylvania	Cabrini College	Undergraduate	С
Pennsylvania	Cairn University	Undergraduate	F
Pennsylvania	California University of Pennsylvania	Undergraduate	В
Pennsylvania	California University of Pennsylvania	Graduate	F
Pennsylvania	Carlow University	Undergraduate	F
Pennsylvania	Cedar Crest College	Graduate	F
Pennsylvania	Chestnut Hill College	Undergraduate	F
Pennsylvania	Cheyney University of Pennsylvania	Undergraduate	С
Pennsylvania	Clarion University of Pennsylvania	Undergraduate	В
Pennsylvania	Clarks Summit University	Undergraduate	В
Pennsylvania	DeSales University	Undergraduate	В
Pennsylvania	Drexel University	Undergraduate	F
Pennsylvania	Drexel University	Graduate	F
Pennsylvania	Duquesne University	Undergraduate	CBD
Pennsylvania	East Stroudsburg University of Pennsylvania	Undergraduate	В
Pennsylvania	Eastern University	Undergraduate	D
Pennsylvania	Eastern University	Graduate	F
Pennsylvania	Edinboro University of Pennsylvania	Undergraduate	В
Pennsylvania	Elizabethtown College	Undergraduate	CBD
Pennsylvania	Gannon University	Undergraduate	A+
Pennsylvania	Geneva College	Undergraduate	F
Pennsylvania	Grove City College	Undergraduate	В
Pennsylvania	Gwynedd Mercy University	Undergraduate	В
Pennsylvania	Holy Family University	Undergraduate	F
Pennsylvania	Holy Family University	Graduate	F
Pennsylvania	Immaculata University	Undergraduate	С
Pennsylvania	Indiana University of Pennsylvania	Undergraduate	В
Pennsylvania	Juniata College	Undergraduate	F
Pennsylvania	King's College	Undergraduate	В

State	Institution	Program	2022 Grade
Pennsylvania	Kutztown University of Pennsylvania	Undergraduate	В
Pennsylvania	La Salle University	Undergraduate	CBD
Pennsylvania	Lebanon Valley College	Undergraduate	F
Pennsylvania	Lincoln University of Pennsylvania	Graduate	F
Pennsylvania	Lock Haven University of Pennsylvania	Undergraduate	В
Pennsylvania	Mansfield University of Pennsylvania	Undergraduate	F
Pennsylvania	Marywood University	Undergraduate	F
Pennsylvania	Mercyhurst University	Undergraduate	F
Pennsylvania	Messiah University	Undergraduate	С
Pennsylvania	Millersville University of Pennsylvania	Undergraduate	В
Pennsylvania	Misericordia University	Undergraduate	F
Pennsylvania	Moravian University	Undergraduate	С
Pennsylvania	Neumann University	Undergraduate	В
Pennsylvania	Pennsylvania State University	Undergraduate	D
Pennsylvania	Pennsylvania State University - Harrisburg	Undergraduate	F
Pennsylvania	Point Park University	Undergraduate	CBD
Pennsylvania	Robert Morris University	Undergraduate	D
Pennsylvania	Saint Francis University	Undergraduate	В
Pennsylvania	Saint Joseph's University	Undergraduate	F
Pennsylvania	Saint Vincent College	Undergraduate	F
Pennsylvania	Seton Hill University	Undergraduate	В
Pennsylvania	Shippensburg University of Pennsylvania	Undergraduate	В
Pennsylvania	Shippensburg University of Pennsylvania	Graduate	F
Pennsylvania	Slippery Rock University of Pennsylvania	Undergraduate	В
Pennsylvania	Susquehanna University	Undergraduate	F
Pennsylvania	Temple University	Undergraduate	А
Pennsylvania	Temple University	Graduate	F
Pennsylvania	University of Pennsylvania	Graduate	CBD
Pennsylvania	University of Pittsburgh	Graduate	D
Pennsylvania	University of Pittsburgh at Bradford	Undergraduate	D
Pennsylvania	University of Pittsburgh at Johnstown	Undergraduate	В

State	Institution	Program	2022 Grade
Pennsylvania	Waynesburg University	Undergraduate	F
Pennsylvania	West Chester University of Pennsylvania	Undergraduate	В
Pennsylvania	Westminster College	Undergraduate	F
Pennsylvania	Widener University	Undergraduate	A+
Pennsylvania	Wilson College	Undergraduate	F
Pennsylvania	York College of Pennsylvania	Undergraduate	D
Rhode Island	Providence College	Undergraduate	F
Rhode Island	Roger Williams University	Undergraduate	В
Rhode Island	Salve Regina University	Undergraduate	F
Rhode Island	University of Rhode Island	Undergraduate	В
Rhode Island	University of Rhode Island	Graduate	F
South Carolina	Anderson University	Undergraduate	F
South Carolina	Anderson University	Graduate	F
South Carolina	Charleston Southern University	Undergraduate	В
South Carolina	Clemson University	Undergraduate	A+
South Carolina	Coastal Carolina University	Undergraduate	В
South Carolina	College of Charleston	Undergraduate	F
South Carolina	College of Charleston	Graduate	F
South Carolina	Columbia College	Undergraduate	В
South Carolina	Converse College	Undergraduate	F
South Carolina	Francis Marion University	Undergraduate	A
South Carolina	Furman University	Undergraduate	В
South Carolina	Lander University	Undergraduate	F
South Carolina	North Greenville University	Undergraduate	D
South Carolina	South Carolina State University	Undergraduate	F
South Carolina	University of South Carolina - Aiken	Undergraduate	F
South Carolina	University of South Carolina - Beaufort	Undergraduate	В
South Carolina	University of South Carolina - Columbia	Undergraduate	В
South Carolina	University of South Carolina - Upstate	Undergraduate	A+
South Carolina	Winthrop University	Undergraduate	A+
South Dakota	Augustana University	Undergraduate	С
South Dakota	Black Hills State University	Undergraduate	В
South Dakota	Dakota State University	Undergraduate	В

State	Institution	Program	2022 Grade
South Dakota	Mount Marty College	Undergraduate	F
South Dakota	Northern State University	Undergraduate	В
South Dakota	Oglala Lakota College	Undergraduate	A+
South Dakota	South Dakota State University	Undergraduate	F
South Dakota	University of Sioux Falls	Undergraduate	В
South Dakota	University of South Dakota	Undergraduate	В
Tennessee	Austin Peay State University	Undergraduate	В
Tennessee	Austin Peay State University	Graduate	F
Tennessee	Belmont University	Undergraduate	С
Tennessee	Carson-Newman University	Graduate	В
Tennessee	Cumberland University	Undergraduate	F
Tennessee	East Tennessee State University	Undergraduate	В
Tennessee	Freed-Hardeman University	Graduate	F
Tennessee	King University	Graduate	F
Tennessee	Lee University	Undergraduate	F
Tennessee	Lincoln Memorial University	Undergraduate	F
Tennessee	Lincoln Memorial University	Graduate	F
Tennessee	Lipscomb University	Undergraduate	Α
Tennessee	Lipscomb University	Graduate	С
Tennessee	Middle Tennessee State University	Undergraduate	С
Tennessee	Milligan University	Undergraduate	D
Tennessee	South College	Undergraduate	CBD
Tennessee	Southern Adventist University	Undergraduate	F
Tennessee	Tennessee State University	Undergraduate	В
Tennessee	Tennessee State University	Graduate	F
Tennessee	Tennessee Technological University	Undergraduate	В
Tennessee	Tennessee Technological University	Graduate	F
Tennessee	Tennessee Wesleyan University	Undergraduate	В
Tennessee	Trevecca Nazarene University	Undergraduate	CBD

State	Institution	Program	2022 Grade
Tennessee	Trevecca Nazarene University	Graduate	F
Tennessee	Tusculum University	Undergraduate	С
Tennessee	Tusculum University	Graduate	F
Tennessee	Union University	Undergraduate	В
Tennessee	Union University	Graduate	В
Tennessee	University of Memphis	Undergraduate	В
Tennessee	University of Memphis	Graduate	В
Tennessee	University of Tennessee	Undergraduate	CBD
Tennessee	University of Tennessee at Chattanooga	Undergraduate	D
Tennessee	University of Tennessee at Chattanooga	Graduate	F
Tennessee	University of Tennessee at Martin	Undergraduate	В
Tennessee	University of Tennessee at Martin	Graduate	F
Tennessee	Vanderbilt University	Graduate	F
Texas	Abilene Christian University	Undergraduate	В
Texas	Angelo State University	Undergraduate	С
Texas	Baylor University	Undergraduate	В
Texas	Baylor University	Graduate	В
Texas	Concordia University Texas	Undergraduate	В
Texas	Dallas Baptist University	Undergraduate	В
Texas	East Texas Baptist University	Undergraduate	В
Texas	East Texas Baptist University	Graduate	F
Texas	Hardin-Simmons University	Undergraduate	D
Texas	Houston Baptist University	Undergraduate	В
Texas	Houston Baptist University	Graduate	F
Texas	Howard Payne University	Undergraduate	А
Texas	Lamar University	Undergraduate	В
Texas	LeTourneau University	Undergraduate	F
Texas	LeTourneau University	Graduate	F
Texas	Lubbock Christian University	Undergraduate	С
Texas	McMurry University	Undergraduate	D
Texas	Midwestern State University	Undergraduate	A

State	Institution	Program	2022 Grade
Texas	Our Lady of the Lake University	Undergraduate	В
Texas	Sam Houston State University	Undergraduate	А
Texas	Southern Methodist University	Undergraduate	F
Texas	Stephen F. Austin State University	Undergraduate	В
Texas	Stephen F. Austin State University	Graduate	F
Texas	Sul Ross State University	Undergraduate	D
Texas	Tarleton State University	Undergraduate	С
Texas	Texas A&M International University	Undergraduate	В
Texas	Texas A&M University	Undergraduate	D
Texas	Texas A&M University - Commerce	Undergraduate	С
Texas	Texas A&M University - Corpus Christi	Undergraduate	С
Texas	Texas A&M University - Corpus Christi	Graduate	F
Texas	Texas A&M University - Kingsville	Undergraduate	В
Texas	Texas A&M University - San Antonio	Undergraduate	В
Texas	Texas A&M University - Texarkana	Undergraduate	C
Texas	Texas Christian University	Undergraduate	D
Texas	Texas Lutheran University	Undergraduate	В
Texas	Texas State University - San Marcos	Undergraduate	С
Texas	Texas State University - San Marcos	Graduate	F
Texas	Texas Tech University	Undergraduate	В
Texas	Texas Wesleyan University	Undergraduate	D
Texas	Texas Woman's University	Undergraduate	С
Texas	Texas Woman's University	Graduate	F
Texas	Trinity University	Undergraduate	F
Texas	University of Houston	Undergraduate	D
Texas	University of Houston - Clear Lake	Undergraduate	В
Texas	University of Houston - Clear Lake	Graduate	F

		_	2022
State	Institution	Program	Grade
Texas	University of Houston - Downtown	Undergraduate	В
Texas	University of Houston - Victoria	Undergraduate	A+
Texas	University of Houston - Victoria	Graduate	F
Texas	University of Mary Hardin - Baylor	Undergraduate	С
Texas	University of North Texas	Undergraduate	В
Texas	University of North Texas	Graduate	F
Texas	University of St. Thomas	Undergraduate	D
Texas	University of Texas at Arlington	Undergraduate	А
Texas	University of Texas at Arlington	Graduate	F
Texas	University of Texas at Austin	Undergraduate	В
Texas	University of Texas at Dallas	Undergraduate	D
Texas	University of Texas at El Paso	Undergraduate	В
Texas	University of Texas at San Antonio	Undergraduate	В
Texas	University of Texas at Tyler	Undergraduate	В
Texas	University of Texas of the Permian Basin	Undergraduate	С
Texas	University of Texas Rio Grande Valley	Undergraduate	В
Texas	University of the Incarnate Word	Undergraduate	D
Texas	Wayland Baptist University	Undergraduate	С
Texas	West Texas A&M University	Undergraduate	А
Utah	Brigham Young University	Undergraduate	С
Utah	Dixie State University	Undergraduate	В
Utah	Southern Utah University	Undergraduate	A+
Utah	University of Utah	Undergraduate	A+
Utah	Utah State University	Undergraduate	A+
Utah	Utah Valley University	Undergraduate	A+
Utah	Weber State University	Undergraduate	A+
Utah	Western Governors University	Undergraduate	А
Utah	Western Governors University	Graduate	F

Utah Westminster College Graduate CBD Vermont Castleton University Undergraduate D Vermont Northern Vermont Undergraduate D Vermont Northern Vermont Undergraduate F Vermont University of Vermont Undergraduate B Virginia Averett University Undergraduate B Virginia Christopher Newport University Undergraduate A Virginia College of William and Mary Graduate F Virginia Eastern Mennonite Undergraduate D University Undergraduate F Virginia James Madison University Undergraduate A+ Virginia Liberty University Undergraduate F Virginia Liberty University Undergraduate F Virginia Liberty University Undergraduate F Virginia Liberty University Undergraduate C Virginia Mary Baldwin University Undergraduate <t< th=""><th>State</th><th>Institution</th><th>Program</th><th>2022 Grade</th></t<>	State	Institution	Program	2022 Grade
Vermont Northern Vermont University Undergraduate D Vermont Northern Vermont University Graduate F Vermont University of Vermont Undergraduate B Virginia Averett University Undergraduate B Virginia Christopher Newport University Undergraduate A Virginia College of William and Mary Graduate F Virginia Eastern Mennonite Undergraduate D Virginia George Mason University Undergraduate A+ Virginia James Madison Undergraduate A+ Virginia Liberty University Undergraduate F Virginia Liberty University Undergraduate F Virginia Liberty University Undergraduate F Virginia Mary Baldwin University Undergraduate C Virginia Mary Baldwin University Undergraduate F Virginia Mary Baldwin University Undergraduate D Virginia Norfolk State University	Utah	Westminster College	Graduate	CBD
Vermont Northern Vermont University Vermont University Virginia Averett University Undergraduate B Virginia Bridgewater College Undergraduate B Virginia Christopher Newport University Virginia College of William and Mary Virginia George Mason University Undergraduate D University Virginia University Undergraduate D University Undergraduate D University Undergraduate D University Virginia Liberty University Undergraduate D University Undergraduate F Virginia Liberty University Undergraduate F Virginia Mary Baldwin University Undergraduate F Virginia Mary Baldwin University Undergraduate B Virginia Norfolk State University Undergraduate D Virginia Norfolk State University Undergraduate D Virginia Regent University Undergraduate D Virginia Roanoke College Undergraduate D Virginia University of Richmond Undergraduate D Virginia University of Richmond Undergraduate F Virginia University of Richmond Graduate F Virginia University of Virginia Graduate F Virginia University Undergraduate D University Virginia Commonwealth University Of Virginia Co	Vermont	Castleton University	Undergraduate	D
Vermont University of Vermont Undergraduate B Virginia Averett University Undergraduate B Virginia Bridgewater College Undergraduate B Virginia Christopher Newport University Virginia College of William and Mary Virginia Eastern Mennonite Undergraduate D Virginia George Mason Graduate F Virginia Hampton University Undergraduate A+ Virginia James Madison University Virginia Liberty University Undergraduate F Virginia Liberty University Graduate F Virginia Longwood University Undergraduate F Virginia Mary Baldwin University Virginia Mary Baldwin Graduate F Virginia Mary Baldwin Graduate F Virginia Mary Baldwin Graduate F Virginia Mary Boldwin University Undergraduate C Virginia Mary Boldwin Graduate F Virginia Mary Boldwin Graduate F Virginia Mary Boldwin Graduate F Virginia Mary Boldwin Graduate B Virginia Norfolk State University Undergraduate D Virginia Radford University Undergraduate D Virginia Regent University Undergraduate D Virginia Roanoke College Undergraduate D Virginia University of Hary Washington University Graduate F Virginia University of Richmond Graduate F Virginia University of Richmond Undergraduate F Virginia University of Richmond Graduate F Virginia University of Richmond Graduate F Virginia University of Virginia Graduate F	Vermont		Undergraduate	D
Virginia Averett University Undergraduate B Virginia Bridgewater College Undergraduate B Virginia Christopher Newport University Graduate A Virginia College of William and Mary Graduate F Virginia Eastern Mennonite University Undergraduate D Virginia George Mason University Undergraduate A+ Virginia James Madison University Undergraduate A+ Virginia Liberty University Undergraduate F Virginia Liberty University Graduate F Virginia Longwood University Undergraduate C Virginia Mary Baldwin University Undergraduate F Virginia Mary Baldwin University Undergraduate B Virginia Norfolk State University Undergraduate D Virginia Norfolk State University Undergraduate D Virginia Radford University Undergraduate D Virgi	Vermont		Graduate	F
Virginia Bridgewater College Undergraduate B Virginia Christopher Newport University Graduate A Virginia College of William and Mary Graduate F Virginia Eastern Mennonite University Undergraduate D Virginia George Mason University Graduate F Virginia Hampton University Undergraduate A+ Virginia James Madison University Undergraduate F Virginia Liberty University Undergraduate F Virginia Liberty University Undergraduate F Virginia Longwood University Undergraduate C Virginia Mary Baldwin University Undergraduate F Virginia Mary Baldwin University Undergraduate B Virginia Norfolk State University Undergraduate D Virginia Norfolk State University Undergraduate D Virginia Regent University Undergraduate D Virgini	Vermont	University of Vermont	Undergraduate	В
Virginia Christopher Newport University Graduate A Virginia College of William and Mary Graduate F Virginia Eastern Mennonite University Undergraduate D Virginia George Mason University Graduate F Virginia Hampton University Undergraduate A+ Virginia James Madison University Undergraduate F Virginia Liberty University Graduate F Virginia Liberty University Undergraduate F Virginia Longwood University Undergraduate C Virginia Mary Baldwin University Undergraduate F Virginia Mary Baldwin University Undergraduate B Virginia Norfolk State University Undergraduate D Virginia Norfolk State University Undergraduate D Virginia Radford University Undergraduate D Virginia Regent University Undergraduate D Virginia	Virginia	Averett University	Undergraduate	В
Virginia College of William and Mary Virginia Eastern Mennonite University Virginia George Mason University Virginia Hampton University Undergraduate A+ Virginia Liberty University Undergraduate F Virginia Liberty University Undergraduate F Virginia Liberty University Undergraduate F Virginia Longwood University Undergraduate C Virginia Mary Baldwin University Virginia Mary Baldwin University Virginia Mary Baldwin Graduate F Virginia Marymount University Undergraduate B Virginia Norfolk State University Undergraduate D Virginia Radford University Undergraduate D Virginia Norfolk State University Undergraduate D Virginia Norfolk State University Undergraduate D Virginia Norfolk State University Undergraduate D Virginia Radford University Undergraduate D Virginia Roanoke College Undergraduate D Virginia University of Mary Washington Virginia University of Richmond Undergraduate F Virginia University of Richmond Graduate F Virginia University of Virginia Graduate F Virginia Virginia Commonwealth University Virginia Virginia Commonwealth University Virginia Virginia Polytechnic Institute and State University Virginia Virginia Polytechnic Institute and State University	Virginia	Bridgewater College	Undergraduate	В
Virginia Eastern Mennonite Undergraduate D University Virginia George Mason Graduate F University Virginia Hampton University Undergraduate A+ Virginia James Madison Undergraduate F University Virginia Liberty University Undergraduate F University Virginia Liberty University Undergraduate F University Undergraduate F University Undergraduate F University Undergraduate F University Virginia Longwood University Undergraduate F University Virginia Mary Baldwin Undergraduate F University Virginia Mary Baldwin Undergraduate F University Virginia Marymount University Undergraduate B University Virginia Norfolk State University Undergraduate D University Virginia Radford University Undergraduate D University Virginia Regent University Undergraduate D University Virginia Regent University Undergraduate D University Undergraduate D University Of Mary Undergraduate D University Of Mary Washington Virginia University of Richmond Undergraduate F University of Richmond Undergraduate F University Of Richmond Undergraduate F University Of Virginia University of Virginia Graduate F University Of Virginia Commonwealth University Virginia Virginia Commonwealth Undergraduate F University Virginia Polytechnic Institute and State University	Virginia		Graduate	Α
University Virginia George Mason University Virginia Hampton University Virginia James Madison Undergraduate A+ Virginia Liberty University Virginia Liberty University Virginia Liberty University Virginia Longwood University Virginia Mary Baldwin Undergraduate F Virginia Mary Baldwin University Virginia Mary Baldwin Graduate F Virginia Marymount University Virginia Norfolk State University Virginia Radford University Virginia Regent University Virginia Roanoke College Undergraduate D Virginia University of Mary Graduate F Virginia University of Richmond Undergraduate F Virginia University of Richmond Graduate F Virginia University of Virginia Graduate F Virginia University of Virginia's College at Wise Virginia Virginia Commonwealth University Virginia Virginia Polytechnic Institute and State University	Virginia	•	Graduate	F
Virginia Hampton University Undergraduate A+ Virginia James Madison Undergraduate A+ Virginia Liberty University Undergraduate F Virginia Liberty University Graduate F Virginia Longwood University Undergraduate C Virginia Mary Baldwin University Virginia Mary Baldwin Graduate F Virginia Mary Baldwin University Virginia Marymount University Undergraduate B Virginia Norfolk State University Undergraduate D Virginia Old Dominion Graduate F Virginia Radford University Undergraduate D Virginia Regent University Undergraduate D Virginia Roanoke College Undergraduate D Virginia University of Lynchburg Undergraduate D Virginia University of Mary Graduate D Virginia University of Mary Graduate F Virginia University of Richmond Undergraduate F Virginia University of Richmond Graduate F Virginia University of Virginia Graduate F Virginia Virginia Commonwealth Graduate F Virginia Virginia Polytechnic Graduate B Institute and State University	Virginia		Undergraduate	D
Virginia James Madison University Virginia Liberty University Undergraduate F Virginia Liberty University Graduate F Virginia Longwood University Undergraduate C Virginia Mary Baldwin University Virginia Mary Baldwin Graduate F Virginia Mary Baldwin University Virginia Marymount University Undergraduate B Virginia Norfolk State University Undergraduate D Virginia Old Dominion Graduate F Virginia Radford University Undergraduate D Virginia Regent University Undergraduate D Virginia Roanoke College Undergraduate D Virginia University of Mary Graduate D Virginia University of Mary Graduate F Virginia University of Richmond Graduate F Virginia University of Richmond Graduate F Virginia University of Virginia Graduate F Virginia Virginia Commonwealth Undergraduate F Virginia Virginia Commonwealth Graduate F Virginia Virginia Polytechnic Institute and State University	Virginia	•	Graduate	F
Virginia Liberty University Undergraduate F Virginia Liberty University Graduate F Virginia Longwood University Undergraduate C Virginia Mary Baldwin University Virginia Mary Baldwin University Virginia Mary Baldwin Graduate F Virginia Marymount University Undergraduate B Virginia Norfolk State University Undergraduate D Virginia Old Dominion Graduate F Virginia Radford University Undergraduate D Virginia Regent University Undergraduate D Virginia Roanoke College Undergraduate D Virginia University of Lynchburg Undergraduate D Virginia University of Mary Graduate F Virginia University of Richmond Undergraduate F Virginia University of Richmond Graduate F Virginia University of Virginia Graduate F Virginia Virginia Commonwealth University Virginia Virginia Polytechnic Graduate B Institute and State University	Virginia	Hampton University	Undergraduate	A+
Virginia Liberty University Graduate F Virginia Longwood University Undergraduate C Virginia Mary Baldwin University Virginia Mary Baldwin Graduate F Virginia Mary Baldwin University Virginia Marymount University Undergraduate B Virginia Norfolk State University Undergraduate D Virginia Old Dominion Graduate F Virginia Radford University Undergraduate D Virginia Regent University Undergraduate D Virginia Roanoke College Undergraduate D Virginia University of Lynchburg Undergraduate D Virginia University of Mary Graduate F Virginia University of Richmond Undergraduate F Virginia University of Richmond Graduate F Virginia University of Virginia Graduate F Virginia Virginia Commonwealth Undergraduate F Virginia Virginia Commonwealth Graduate F Virginia Virginia Polytechnic Institute and State University	Virginia		Undergraduate	A+
Virginia Longwood University Undergraduate C Virginia Mary Baldwin University Undergraduate F Virginia Mary Baldwin University Graduate F Virginia Marymount University Undergraduate B Virginia Norfolk State University Undergraduate D Virginia Old Dominion University Undergraduate A+ Virginia Radford University Undergraduate D Virginia Regent University Undergraduate D Virginia University of Lynchburg Undergraduate D Virginia University of Mary Washington Graduate F Virginia University of Richmond Undergraduate F Virginia University of Virginia Graduate F Virginia University of Virginia's College at Wise Undergraduate F Virginia Virginia Commonwealth University Undergraduate F Virginia Virginia Commonwealth University Undergraduate F Virginia Virginia Commonwealth University Undergraduate </td <td>Virginia</td> <td>Liberty University</td> <td>Undergraduate</td> <td>F</td>	Virginia	Liberty University	Undergraduate	F
Virginia Mary Baldwin University Undergraduate F Virginia Mary Baldwin University Graduate F Virginia Marymount University Undergraduate B Virginia Norfolk State University Undergraduate D Virginia Old Dominion University Graduate F Virginia Radford University Undergraduate A+ Virginia Regent University Undergraduate D Virginia University of Lynchburg Undergraduate D Virginia University of Mary Washington Graduate F Virginia University of Richmond Undergraduate F Virginia University of Virginia Graduate F Virginia University of Virginia Undergraduate F Virginia University of Virginia Graduate F Virginia Virginia Commonwealth University Graduate F Virginia Virginia Polytechnic Institute and State University Graduate B	Virginia	Liberty University	Graduate	F
University Virginia Mary Baldwin University Undergraduate B Virginia Norfolk State University Undergraduate D Virginia Old Dominion Graduate F Virginia Radford University Undergraduate D Virginia Regent University Undergraduate D Virginia Roanoke College Undergraduate D Virginia University of Lynchburg Undergraduate D Virginia University of Mary Graduate F Virginia University of Richmond Undergraduate F Virginia University of Richmond Graduate F Virginia University of Virginia Graduate F Virginia Virginia Commonwealth Undergraduate F Virginia Virginia Commonwealth Graduate F Virginia Virginia Polytechnic Institute and State University	Virginia	Longwood University	Undergraduate	С
Virginia Marymount University Undergraduate B Virginia Norfolk State University Undergraduate D Virginia Old Dominion Graduate F Virginia Radford University Undergraduate D Virginia Regent University Undergraduate D Virginia Roanoke College Undergraduate D Virginia University of Lynchburg Undergraduate D Virginia University of Mary Graduate F Virginia University of Richmond Undergraduate F Virginia University of Richmond Graduate F Virginia University of Virginia Graduate F Virginia Virginia Commonwealth Undergraduate F Virginia Virginia Commonwealth Graduate F Virginia Virginia Polytechnic Institute and State University	Virginia	•	Undergraduate	F
Virginia Norfolk State University Undergraduate D Virginia Old Dominion University Graduate F Virginia Radford University Undergraduate A+ Virginia Regent University Undergraduate D Virginia Roanoke College Undergraduate D Virginia University of Lynchburg Undergraduate D Virginia University of Mary Washington Graduate F Virginia University of Richmond Undergraduate F Virginia University of Virginia Graduate F Virginia University of Virginia's College at Wise Undergraduate F Virginia Virginia Commonwealth Undergraduate F Virginia Virginia Commonwealth Undergraduate F Virginia Virginia Polytechnic Institute and State University Graduate B	Virginia	*	Graduate	F
Virginia Old Dominion University Virginia Radford University Undergraduate A+ Virginia Regent University Undergraduate D Virginia Roanoke College Undergraduate D Virginia University of Lynchburg Undergraduate D Virginia University of Mary Graduate F Virginia University of Richmond Undergraduate F Virginia University of Richmond Graduate F Virginia University of Virginia Graduate F Virginia Virginia Commonwealth Undergraduate F Virginia Virginia Polytechnic Graduate B Virginia Virginia Polytechnic Institute and State University	Virginia	Marymount University	Undergraduate	В
University Virginia Radford University Undergraduate A+ Virginia Regent University Undergraduate D Virginia Roanoke College Undergraduate D Virginia University of Lynchburg Undergraduate D Virginia University of Mary Graduate F Virginia University of Richmond Undergraduate F Virginia University of Richmond Graduate F Virginia University of Virginia Graduate F Virginia Virginia Commonwealth Graduate F Virginia Virginia Polytechnic Institute and State University B	Virginia	Norfolk State University	Undergraduate	D
Virginia Regent University Undergraduate D Virginia Roanoke College Undergraduate D Virginia University of Lynchburg Undergraduate D Virginia University of Mary Graduate F Virginia University of Richmond Undergraduate F Virginia University of Richmond Graduate F Virginia University of Virginia Graduate F Virginia University of Virginia Graduate F Virginia University of Virginia's College at Wise Virginia Virginia Commonwealth Undergraduate F Virginia Virginia Polytechnic Institute and State University Virginia Polytechnic Graduate B	Virginia		Graduate	F
Virginia Roanoke College Undergraduate D Virginia University of Lynchburg Undergraduate D Virginia University of Mary Graduate F Washington University of Richmond Undergraduate F Virginia University of Richmond Graduate F Virginia University of Virginia Graduate F Virginia University of Virginia Graduate F Virginia University of Virginia's College at Wise Virginia Virginia Commonwealth University Virginia Virginia Polytechnic Institute and State University Virginia Virginia Commonwealth Graduate B	Virginia	Radford University	Undergraduate	A+
Virginia University of Lynchburg Undergraduate D Virginia University of Mary Washington Virginia University of Richmond Undergraduate F Virginia University of Richmond Graduate F Virginia University of Virginia Graduate F Virginia University of Virginia's College at Wise Virginia Virginia Commonwealth University Virginia Virginia Polytechnic Institute and State University Undergraduate F Graduate B	Virginia	Regent University	Undergraduate	D
Virginia University of Mary Washington Graduate F Virginia University of Richmond Undergraduate F Virginia University of Richmond Graduate F Virginia University of Virginia Graduate F Virginia University of Virginia's Undergraduate F College at Wise Graduate F Virginia Virginia Commonwealth University Virginia Virginia Polytechnic Institute and State University	Virginia	Roanoke College	Undergraduate	D
Washington Virginia University of Richmond Undergraduate F Virginia University of Richmond Graduate F Virginia University of Virginia Graduate F Virginia University of Virginia's Undergraduate F College at Wise Virginia Virginia Commonwealth University Virginia Polytechnic Institute and State University B	Virginia	University of Lynchburg	Undergraduate	D
Virginia University of Richmond Graduate F Virginia University of Virginia Graduate F Virginia University of Virginia's Undergraduate F Virginia Virginia Commonwealth University Virginia Virginia Polytechnic Institute and State University	Virginia		Graduate	F
Virginia University of Virginia Graduate F Virginia University of Virginia's College at Wise Undergraduate F Virginia Virginia Commonwealth University Graduate F Virginia Virginia Polytechnic Institute and State University Graduate B	Virginia	University of Richmond	Undergraduate	F
Virginia University of Virginia's Undergraduate F College at Wise Virginia Virginia Commonwealth Graduate F University Virginia Virginia Polytechnic Graduate B Institute and State University	Virginia	University of Richmond	Graduate	F
College at Wise Virginia Virginia Commonwealth Graduate F University Virginia Virginia Polytechnic Graduate B Institute and State University	Virginia	University of Virginia	Graduate	F
University Virginia Virginia Polytechnic Graduate B Institute and State University	Virginia		Undergraduate	F
Institute and State University	Virginia		Graduate	F
	Virginia	Institute and State	Graduate	В
Virginia Virginia State University Undergraduate D	Virginia	Virginia State University	Undergraduate	D

State	Institution	Program	2022 Grade
Washington	Antioch University Seattle	Graduate	D
Washington	Central Washington University	Undergraduate	В
Washington	City University of Seattle	Undergraduate	D
Washington	City University of Seattle	Graduate	F
Washington	Eastern Washington University	Undergraduate	D
Washington	Eastern Washington University	Graduate	F
Washington	Gonzaga University	Undergraduate	F
Washington	Heritage University	Undergraduate	В
Washington	Heritage University	Graduate	F
Washington	Northwest University	Graduate	F
Washington	Pacific Lutheran University	Undergraduate	В
Washington	Saint Martin's University	Undergraduate	F
Washington	Seattle Pacific University	Graduate	F
Washington	Seattle University	Graduate	F
Washington	University of Puget Sound	Graduate	F
Washington	University of Washington - Bothell	Graduate	CBD
Washington	University of Washington - Seattle	Graduate	F
Washington	University of Washington - Tacoma	Graduate	F
Washington	Washington State University	Undergraduate	В
Washington	Washington State University	Graduate	F
Washington	Western Washington University	Undergraduate	В
Washington	Whitworth University	Undergraduate	В
Washington	Whitworth University	Graduate	F
West Virginia	Bluefield State College	Undergraduate	В
West Virginia	Concord University	Undergraduate	F
West Virginia	Fairmont State University	Undergraduate	В
West Virginia	Glenville State College	Undergraduate	F
West Virginia	Marshall University	Undergraduate	В
West Virginia	Shepherd University	Undergraduate	С
West Virginia	West Liberty University	Undergraduate	В

State	Institution	Program	2022 Grade
West Virginia	West Virginia State University	Undergraduate	A+
West Virginia	West Virginia University	Undergraduate	В
West Virginia	West Virginia University	Graduate	F
West Virginia	West Virginia University - Parkersburg	Undergraduate	В
West Virginia	West Virginia Wesleyan College	Undergraduate	С
Wisconsin	Alverno College	Graduate	F
Wisconsin	Cardinal Stritch University	Undergraduate	F
Wisconsin	Carroll University	Undergraduate	В
Wisconsin	Carthage College	Undergraduate	F
Wisconsin	Concordia University Wisconsin	Undergraduate	В
Wisconsin	Edgewood College	Undergraduate	D
Wisconsin	Maranatha Baptist University	Undergraduate	В
Wisconsin	Marian University	Undergraduate	В
Wisconsin	Marquette University	Undergraduate	CBD
Wisconsin	St. Norbert College	Undergraduate	D
Wisconsin	University of Wisconsin - Eau Claire	Undergraduate	A+
Wisconsin	University of Wisconsin - Green Bay	Undergraduate	С
Wisconsin	University of Wisconsin - La Crosse	Undergraduate	В
Wisconsin	University of Wisconsin - Madison	Undergraduate	A+
Wisconsin	University of Wisconsin - Milwaukee	Undergraduate	A
Wisconsin	University of Wisconsin - Oshkosh	Undergraduate	A
Wisconsin	University of Wisconsin - Platteville	Undergraduate	F
Wisconsin	University of Wisconsin - River Falls	Undergraduate	В
Wisconsin	University of Wisconsin - Stevens Point	Undergraduate	A+
Wisconsin	University of Wisconsin - Superior	Undergraduate	В
Wisconsin	University of Wisconsin - Whitewater	Undergraduate	В
Wisconsin	Wisconsin Lutheran College	Undergraduate	F
Wyoming	University of Wyoming	Undergraduate	A+
Wyoming	University of Wyoming	Graduate	F