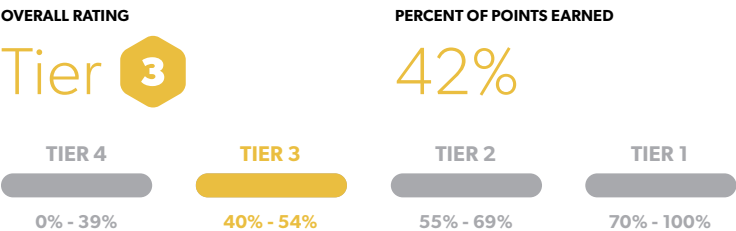


Secondary Mathematics Education

INSTITUTION OF HIGHER EDUCATION
University of Delaware
www.udel.edu

PROGRAM PERFORMANCE



Programs rated as Tier 3 have received the second lowest classification as it pertains to preparing educators to serve students and schools in Delaware.

HOW IS THE OVERALL RATING MEASURED?

DOMAINS	POINTS POSSIBLE	TIER	PERCENT OF POINTS EARNED
Recruitment	10	3	40%
Candidate Performance	10	1	75%
Placement	15	4	11%
Retention	15	4	32%
Graduate Performance	35	3	52%
Perceptions	Data not yet available.		

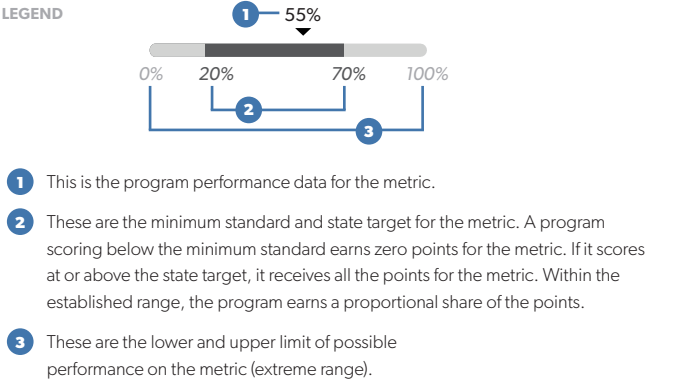
HOW TO READ THIS SCORECARD

This scorecard contains five (5) scored domains. Recruitment, Candidate Performance, Placement, Retention, and Graduate Performance. Each domain is comprised of two (2) to four (4) metrics. There is one domain (Perceptions) for which data has not yet been collected, and is therefore unscored. A program must generate a score on at least one metric in the Graduate Performance domain in order to merit a scorecard.

Delaware's scorecards consider the past five years of program data. Data on graduates that have not worked in public education in Delaware is not included. A scorecard is generated when an educator preparation program has had more than ten (10) educators working in Delaware over the past five (5) years.

Program performance is displayed for each metric in the format to the right. The program data is displayed to the left of and above the bar. If the program scores below minimum standard, it earns zero points for the metric. If it scores at or above the state target, it receives all the points for the metric. Within the established range, the program earns a proportional share of the points available.

This scorecard is preliminary and thus without formal regulatory consequences in 2015. The information should not be utilized by schools, districts, or students to render judgment or make formal decisions pertaining to application, admissions, or staffing.



Program Performance Details

RECRUITMENT

ABOUT THIS DOMAIN

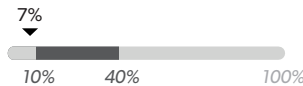
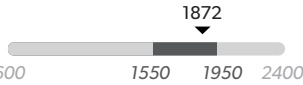
The Recruitment domain scores the educator preparation program's ability to cultivate a diverse, accomplished student body with the potential to be outstanding future educators.

DOMAIN RATING

Tier 3

DOMAIN POINTS EARNED

4.03 out of 10.00 points

METRICS	ACTUAL	METRIC POINTS EARNED
Percent of Candidate Class, Non-White Reported here is the proportion of educators that are non-white amongst those that have graduated from this program in the past five years and have worked within public education in Delaware.	7%  N = 29 Educators	0.00 out of 5.00 points
Average SAT Score of Incoming Class For the 2015 scorecard, this measure represents the average cumulative SAT score (reported on a scale of 2400) for the most recent incoming class of the program. This also includes ACT scores, converted to their SAT equivalent.*	1872  N = 19 Educators	4.03 out of 5.00 points

*These data were provided to the Department by the institution.

CANDIDATE PERFORMANCE

ABOUT THIS DOMAIN


The Candidate Performance domain scores the educator preparation program's ability to prepare aspiring educators with the knowledge and skill required to be first-day ready, as measured by required knowledge and performance assessments.

DOMAIN RATING

Tier 1

DOMAIN POINTS EARNED

7.54 out of 10.00 points

METRICS	ACTUAL	METRIC POINTS EARNED
Average Score on the General Knowledge Exam Reported here are the average General Knowledge Exam scores for all program graduates who have worked within public education in Delaware.	182  N = 27 Educators	7.54 out of 10.00 points
Average Score on Performance Assessment Reported here are the average performance assessment score(s) for all program graduates who have worked within public education in Delaware.	Data not yet available this year.	N/A

PLACEMENT

ABOUT THIS DOMAIN


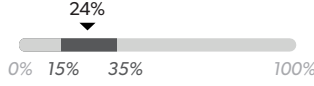
The Placement domain scores the educator preparation program's performance in preparing educators who launch their careers in Delaware's schools and considers the subset of those who launch their careers in the state's highest-need schools.

DOMAIN RATING

Tier 4

DOMAIN POINTS EARNED

1.71 out of 15.00 points

METRICS	ACTUAL	METRIC POINTS EARNED
Placement Rate in Delaware Reported here is the rate at which program graduates begin working in public education in Delaware within one year of graduation.*	0%  N = 10 Educators	0.00 out of 11.25 points
Placement Rate in Delaware High-Needs Schools Reported here is the rate at which program graduates begin teaching in a Delaware public school that has been state-identified as high-need.	24%  N = 29 Educators	1.71 out of 3.75 points

*For the 2015 scorecard, this metric specifically evaluates program candidates who graduated in 2013.

RETENTION

ABOUT THIS DOMAIN


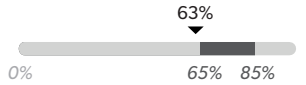
The Retention domain scores the educator preparation program's track record of preparing program graduates who continue to serve in public education in Delaware.

DOMAIN RATING

Tier 4

DOMAIN POINTS EARNED

4.83 out of 15.00 points

METRICS	ACTUAL	METRIC POINTS EARNED
Beyond Year One Retention Rate Reported here is the rate at which program graduates continue working in public education in Delaware beyond year one.	90%  N = 29 Educators	4.83 out of 7.50 points
Beyond Year Three Retention Rate Reported here is the rate at which program graduates continue working in public education in Delaware beyond year three.	63%  N = 24 Educators	0.00 out of 7.50 points

GRADUATE PERFORMANCE

ABOUT THIS DOMAIN

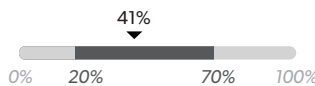
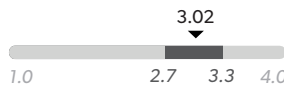
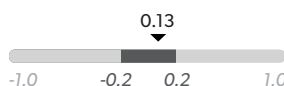
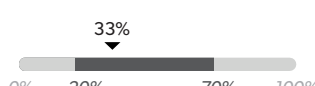
The Graduate Performance domain scores the educator preparation program's performance in Delaware's classrooms and schools. It includes four metrics. The metrics consider the outcomes of program graduates' students, the qualitative aspects of program graduates' practice, and administrators' overall assessment of program graduates' performance.

DOMAIN RATING

Tier 3

DOMAIN POINTS EARNED

18.13 out of 35.00 points

METRICS	ACTUAL	METRIC POINTS EARNED
Student Improvement Component Ratings Reported here is the proportion of program graduates that receive the highest possible rating on the Student Improvement Component of their evaluation (which is based upon multiple measures of student growth in Delaware).	41%  N = 19 Educators	5.85 out of 14.00 points
Observation Scores (Average Calculated Criteria/Component Ratings) Reported here are the average school/classroom observation scores earned by program graduates.	3.02  N = 20 Educators	7.44 out of 14.00 points
Student Growth Outcomes Reported here is the average impact of program graduates on the growth of their students in English, Math, Science or Social Studies, * in the early years of the educators' careers.	0.13  N = 23 Educators	4.39 out of 5.25 points
Overall Performance Evaluation Ratings Reported here is the proportion of program graduates that earn the highest possible rating ("Highly-Effective") on their overall evaluation (based on their classroom performance and student growth based upon multiple measures).	33%  N = 21 Educators	0.45 out of 1.75 points

*As measured on the Delaware Comprehensive Assessment System in Math, English, Science and Social Studies, when available.

PERCEPTIONS

ABOUT THIS DOMAIN

The Perceptions domain scores the educator preparation program performance based upon feedback collected from program graduates and the schools/districts that have hired them.

DOMAIN RATING

Not Available

DOMAIN POINTS EARNED

N/A

METRICS	ACTUAL	METRIC POINTS EARNED
Preparedness Index, Skill Survey Reported here are the results of program graduate survey data collected within their first year of serving in Delaware's schools.	Data not yet available this year.	N/A
Preparedness Index, LEA 360 Reported here are the results of administrator/hiring authority survey data assessing program graduate readiness in several key performance factors in their first year.	Data not yet available this year.	N/A

Assurances of Delaware Requirements

Reported in this section are requirements of Delaware educator preparation programs which are reviewed during program approval and ongoing review.

REQUIREMENTS	STATUS
Program Entrance Requirements	Not Available
Requirements for Clinical Experiences	Not Available
Instruction and Content Requirements	Not Available
Exit Requirements	Not Available
Candidate Evaluation Requirements	Not Available

About this Program

Program and institutional data are self-reported and intended for informational purposes only at this time.

CONTACT INFORMATION

<http://www.mathsci.udel.edu/educational-programs/undergraduate-programs/Pages/secondary-math-education.aspx>

DEPARTMENT

Department of Mathematical Sciences

<http://www.mathsci.udel.edu/Pages/default.aspx>

DEPARTMENT CHAIR

Dr. Louis Rossi
rossi@udel.edu

ACCREDITATION

CAEP Current Status: **Currently NCATE Accredited**

SPA Current Status: **Approved**

FACULTY

Total Faculty **13**

Tenure/Full Time **100%**

Adjunct **0%**

NUMBER OF SPRING GRADUATES, 3 YEAR TREND

This graph shows the trend in the number of candidates graduating from the program over the past three years.



PROGRAM DESCRIPTION

- See link to UD's conceptual framework <http://www.ucte.udel.edu/wp-content/uploads/2012/01/Conceptual-Framework-2012.pdf>
- <http://www.mathsci.udel.edu/educational-programs/undergraduate-programs/ba-secondary-math-ed/Pages/default.aspx>
- <http://www.mathsci.udel.edu/educational-programs/undergraduate-programs/bs-secondary-math-ed/Pages/default.aspx>

ADMISSIONS

	PROGRAM	INSTITUTION
Average SAT/ACT Score*	1798-1980	1680 -1940
Average GPA**	3.72	3.61
Percent of Candidates Admitted Under Criteria Waiver***	N/A	N/A

*ACT scores are converted to an SAT scale and are included in the SAT average score, which is out of 2400. Data are from candidates entering during the 2014-2015 school year.

**GPA averages are calculated using either high-school or recent post-secondary work as applicable. Data are from candidates entering during the 2014-2015 school year.

***Delaware state law requires that in order to be admitted, Candidates must have either a) a 3.0 GPA on a 4.0 scale; b) a GPA in the top 50th percentile for coursework completed during the most recent two years (secondary or post-secondary); or c) achieve a college ready score on a test of general knowledge normed to the college-bound population. Regulation also states that no more than ten (10) percent of a program's incoming class may be admitted under exception to these three criteria.

FIELD EXPERIENCE

	PROGRAM
Hours of field experience included in program	591 Hours

2013-2014 GRADUATES

	PROGRAM	INSTITUTION
Number of Candidates	13	N/A
Males	23%	42%
Females	77%	58%
White	84%	76%
Black	0%	5%
Hispanic	8%	7%
Other	8%	12%