

A Course-Level Student Success Dashboard for Faculty

Presented to the WWU Department Chairs, 2/16/23

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Vision

We believe that giving faculty easy access to information on their own grading patterns and student success rates could support faculty in **improving instruction**, leading to **durable and widespread improvements in outcomes for all students.**

Objectives

Support faculty in answering questions about your own courses:

- How is student success changing over time?
- Does student success relate to student identities?
- How do success rates in my course compare with those in all sections of the same course?

Defining Student Success

We defined 'success' as **earning a grade that counts toward GUR or major requirements**. This includes:

- Letter grades A, B, and C
- Satisfactory grade S
- Exceptional circumstance (COVID) grade EP (exceptional pass)

Grade modes with no grades that count toward GUR or major requirements – such as pass/no pass – are excluded from analysis.

Audience

Faculty members can see:

- Grade distributions and success rates for courses you taught
- Aggregated grade distributions and success rates for all sections of those courses

Administrators can see:

- **Nothing.** This tool supports faculty improvement of your own courses, it is not a tool for evaluation of faculty.

Tooling

DATA SOURCES

- Student demographics
- Human resources
- Course details
- Grades

DATA MODELING



AGGREGATION



REPORTING & AUTHENTICATION



Faculty Access

Faculty will access the dashboard via Web4U 'Faculty Services'.

Faculty Services

- [Term Selection](#)
- [CRN Selection](#)
- [Photo Roster](#)
- [Faculty Detail Schedule](#)
- [Faculty Schedule by Day and Time](#)
- [Summary Class List](#)
- [Detail Wait List \(includes position on waitlist\)](#)
- [Summary Wait List](#)
- [Final Grades](#)

Spring 2022 grade input will be available June 3 - 14, 2022.
Grades must be submitted by **noon**, on Tuesday, June 14, 2022.

- [Final Grade Instructions](#)
- [Registration Overrides](#)
- [Grade Change Form](#)
- [Incomplete \(K\) Grade Contract Esign](#)
- [Academic Dishonesty](#)
- [FERPA Toolkit](#)
- [Student Menu](#)
Display student information; View a student's schedule; Process registration overrides.
- [Advisor Menu](#)
View a student's transcript; View a student's grades; For students who have entered Winter 2006 and later, view a student's transfer coursework.
- [Course Evaluations](#)
- [Independent Study Project – Faculty View](#)
- [Course-Level Student Success Dashboard](#)

RELEASE: 8.9.1.5

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Faculty Access

Web4U@WWU

[Personal Information](#) [Financial Aid](#) [Faculty Services](#) [Employee](#) [Finance](#)

Search



Power BI

To view this report, please sign in again

[Sign-In](#)

RELEASE: 8.5.3

Dashboard – Grades by Course

Instructions

Grades by Course

Grades by Student Attr...

Success Rates Over Time

Compare with All Instr...

Data Dictionary

OFFICE OF INSTITUTIONAL EFFECTIVENESS

John Krieg

This table shows a complete distribution of grades awarded in the courses for which you were primary instructor.

On subsequent tabs, the data are filtered to exclude grade modes not used for advancement in a GUR or major, and categorized by the initial letter, eliminating + and -.

Academic year

All ▼

Course number level

All ▼

Have questions or feedback? [Send us an email.](#)

GRADES EARNED IN YOUR COURSES

Subject	Course number	Grade mode Academic year	Letter					Audit	Exceptional (COVID)
			A	B	C	D	F	W	AUD
ECON	207	2013-2014	8	24	18	3	3	2	
		2014-2015	5	12	9	2	2	1	
		2015-2016	3	4	1	2	2		
		2016-2017		3	4			1	
		2017-2018	11	14	19	3	5	4	
	311	2013-2014	3	6	4	1	1		1
	375	2011-2012	6	13	9	2	1	3	
		2014-2015	2	5	4	1		3	
		2015-2016	14	19	14	5	3	8	
400		2011-2012	1						
		2012-2013	2						
		2013-2014	1						
		2018-2019	3						
		2019-2020	2						
406		2011-2012	8	11	1			1	
		2012-2013	3	4					
		2016-2017	9	11			1		
407		2017-2018	5	2	1				
		2011-2012	9	10	5	1	1		
445		2013-2014	5	6	4	1			
		2014-2015	5	3					

Dashboard – Grades by Student Attribute

Instructions

Grades by Course

Grades by Student Att...

Success Rates Over Time

Compare with All Instr...

Data Dictionary

OFFICE OF INSTITUTIONAL EFFECTIVENESS

John Krieg

How do grade distributions differ based on student attribute?

Student attribute names

All

Academic year

All

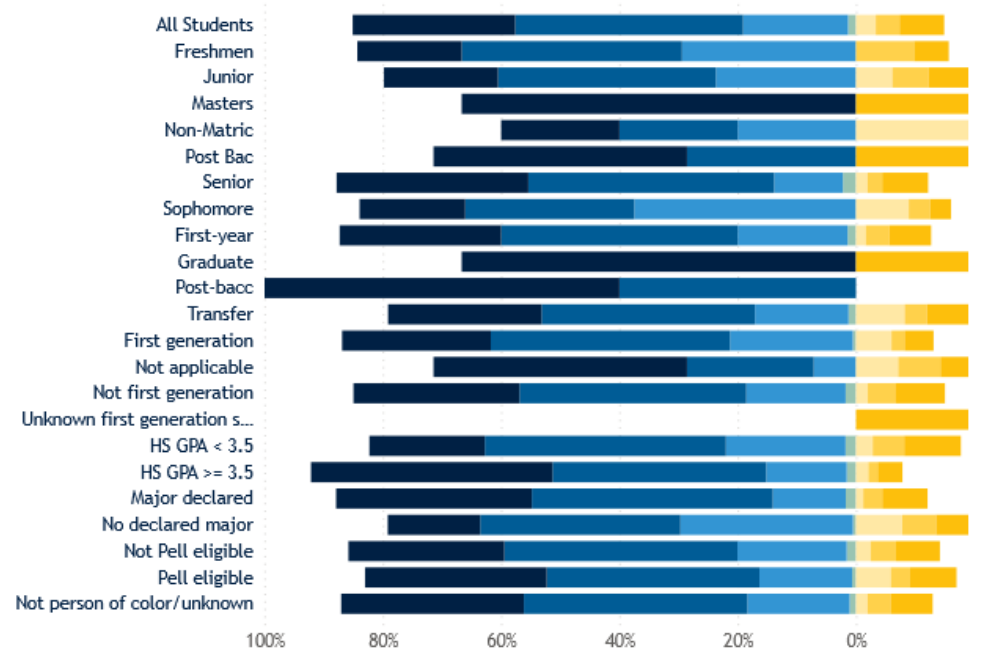
Course number level

All

Have questions or feedback? [Send us an email.](#)

GRADES BY STUDENT ATTRIBUTE

Success DFW
 ● A ● B ● C ● EP ● S ● D ● F ● W ● NP ● U



Dashboard – Grades by Student Attribute

Instructions

Grades by Course

Grades by Student Att...

Success Rates Over Time

Compare with All Instr...

Data Dictionary

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John Krieg

How do grade distributions differ based on student attribute?

- First generation
- High school GPA
- Major declared
- Pell eligible
- Person of color
- Residency
- Sex
- Student level
- Underrepresented race

Multiple selections ^

Academic year

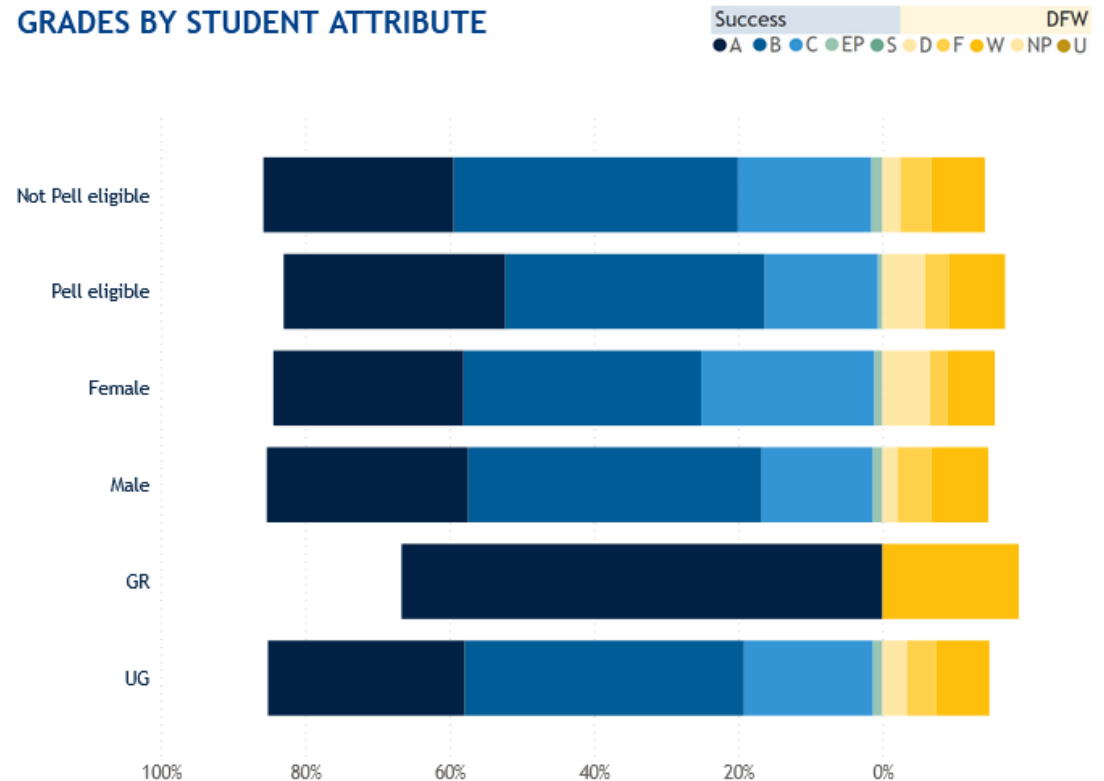
All v

Course number level

All v

[Have questions or feedback? Send us an email.](#)

GRADES BY STUDENT ATTRIBUTE



Dashboard – Success Rates over Time

Instructions

Grades by Course

Grades by Student Attr...

Success Rates Over Ti...

Compare with All Instr...

Data Dictionary

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John Krieg

Are success rates changing over time?

Use the radio button below to slice success rates by student attribute.

Student attribute names

All Students

Course Subject & Number

All

Academic year

All

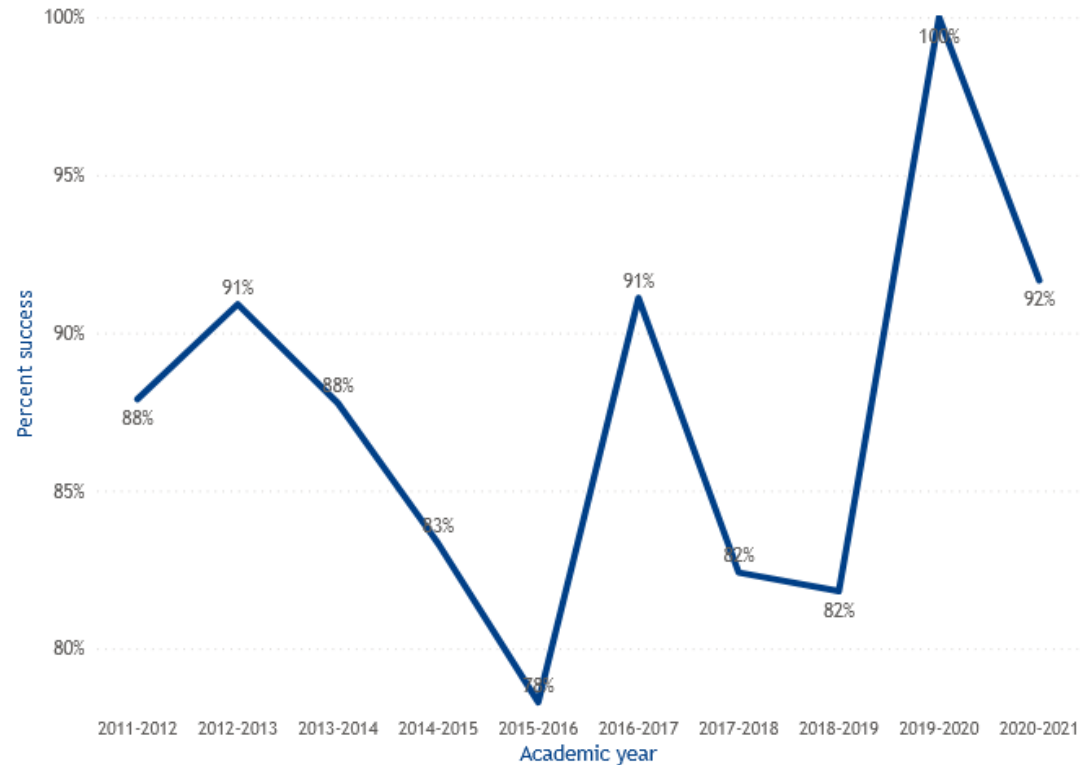
Course number level

All

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SUCCESS RATES OVER TIME

Student attribute ● All Students



Dashboard – Success Rates over Time

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Use the radio button below to slice success rates by student attribute.

Student attribute names

First generation

Course Subject & Number

All

Academic year

All

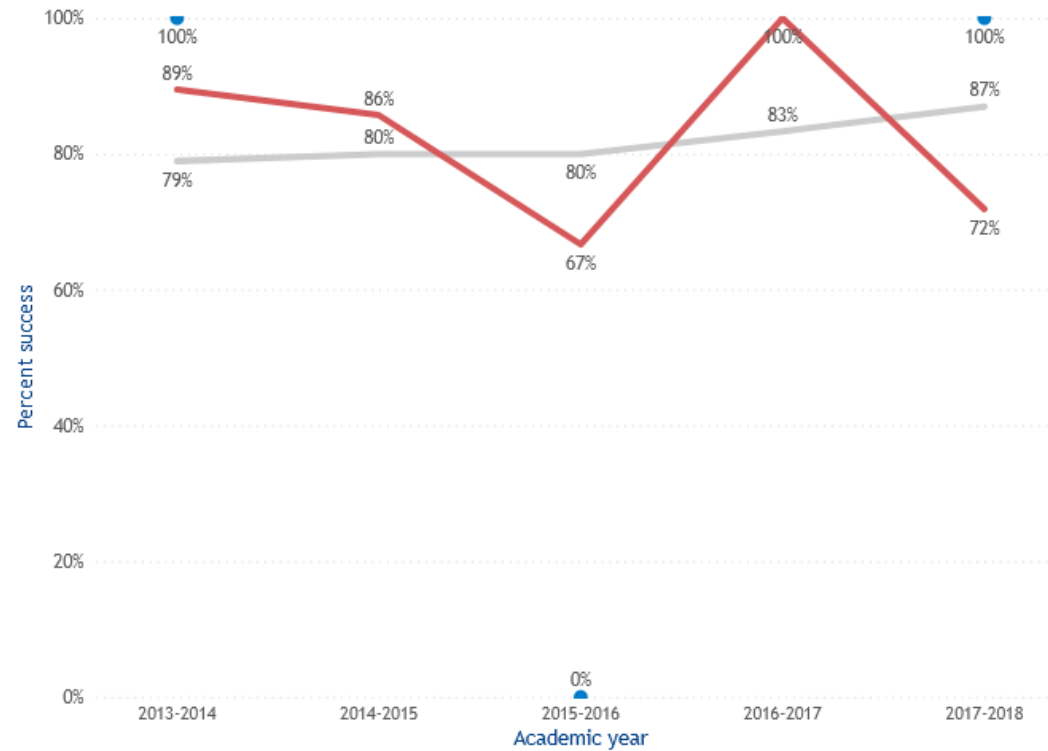
Course number level

200

Have questions or feedback? [Send us an email.](#)

SUCCESS RATES OVER TIME

Student attribute ● First generation ● Not applicable ● Not first generation



FERPA Concerns

- Could a faculty member deduce demographic identifying information for a student based on the information in the dashboard?
 - Yes, particularly in courses where enrollments are small
- Suppress dashboard data when:
 - the count of a grade earned is equal to the total number of that grade earned in the class. For example, 5 first-gen earned As and there were 5 total in that class.
 - for the GPA tab, values are suppressed for classes with fewer than 10 students.

Implementation, First Steps

- Presented to all faculty in the first-year curriculum at start of fall term.
- Dashboard will go live on Web4U next week.
- November summit on inclusive student success will highlight this as an important element of our toolbox.
- Ongoing collaboration with faculty to improve the dashboard

Project Team

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