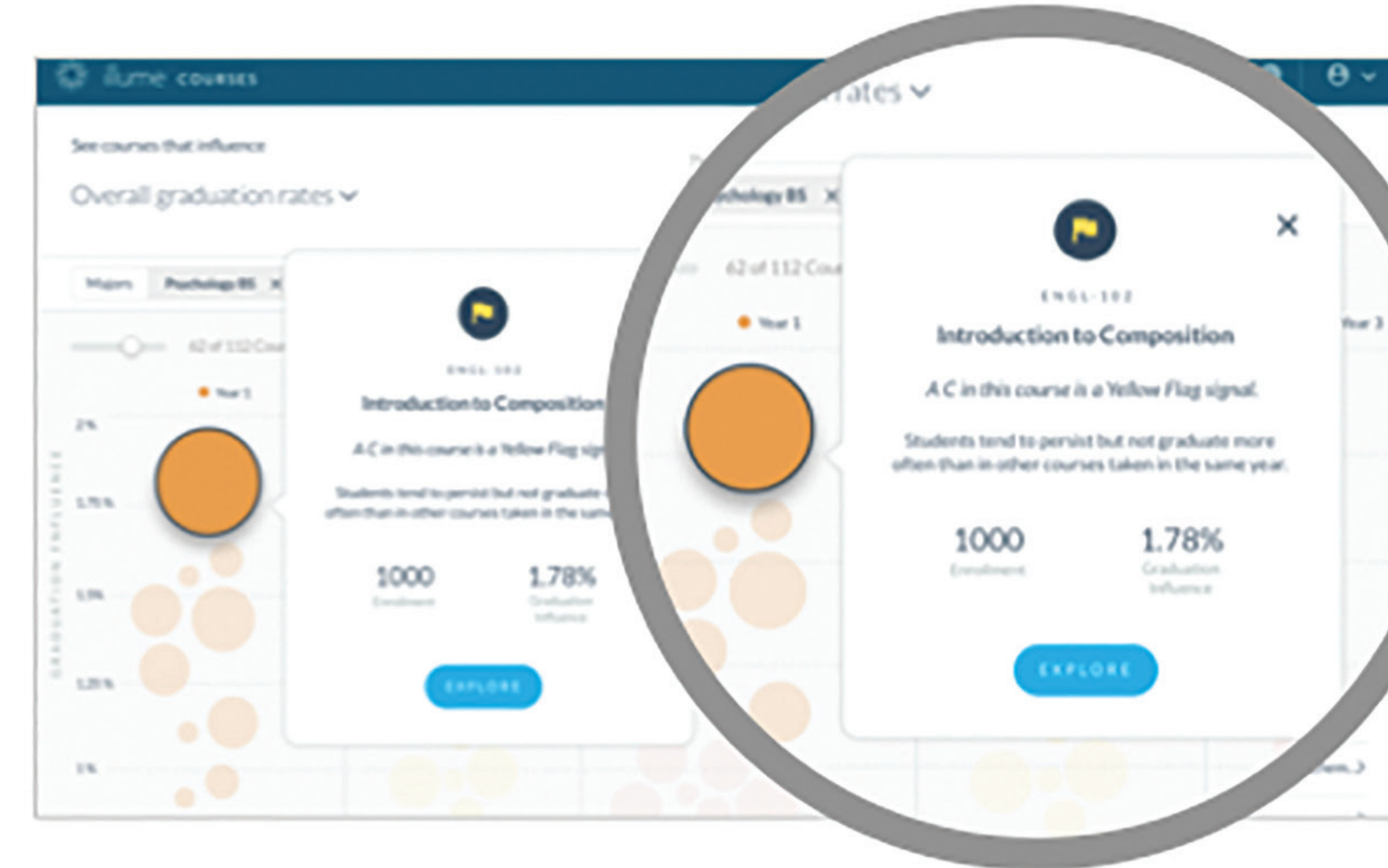# TOOLS TO HELP IDENTIFY BARRIERS TO SUCCESS

OVERVIEW: ILLUME COURSES

Persistence and Course Completion don't always lead to Graduation. Tap into an active analytics infrastructure to find which courses have the biggest impacts on long-term student success, and which students are most affected.

Discover Predictive Clarity of Course Impact

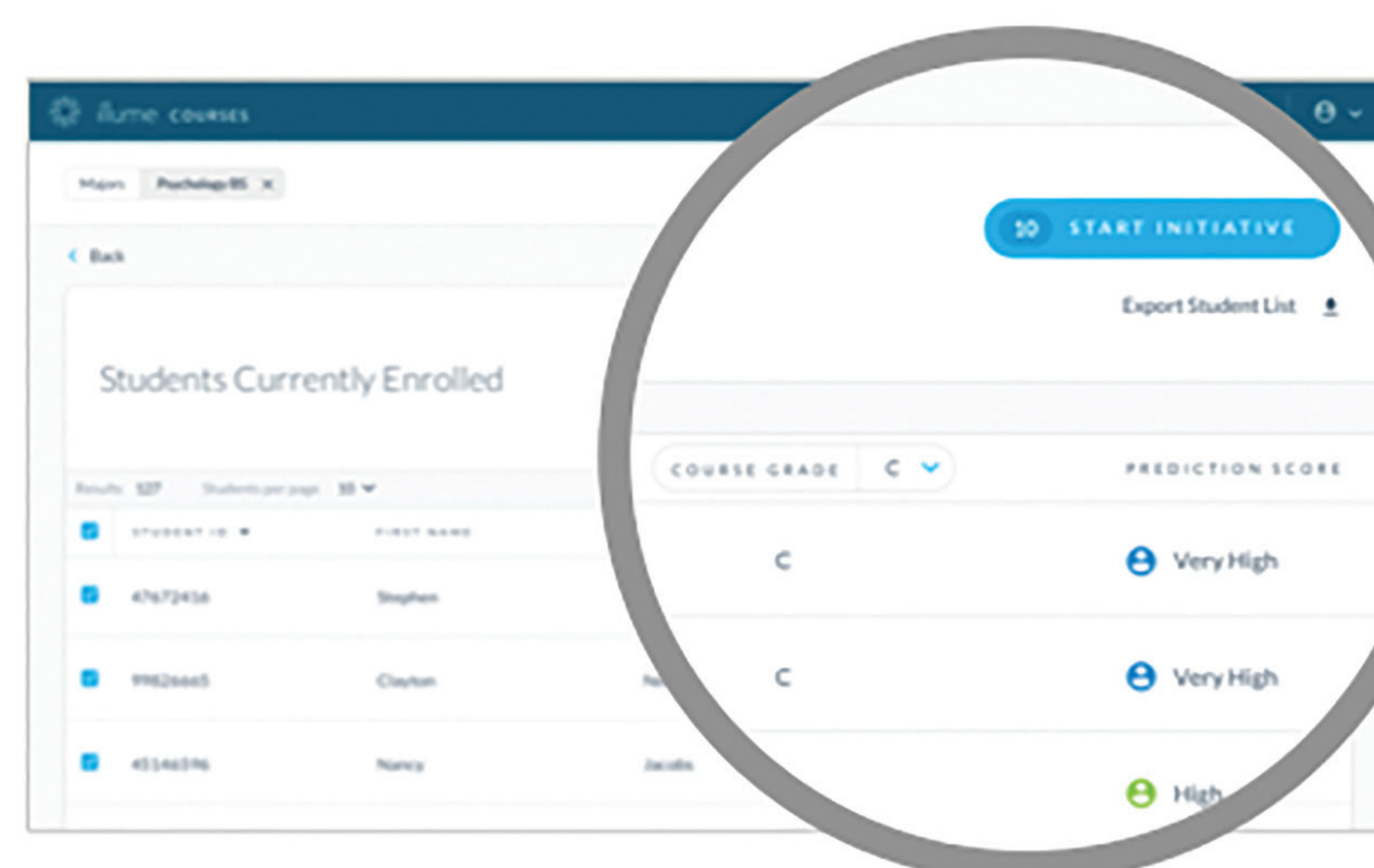**Enable Precision in Student Needs and Outreach**

- **Overall Course Influence**
  See courses that most heavily influence grades and graduation rates across all students (sphere of influence, reach).

- **Optimal Course Grade**
  Identify tipping points for different types of students in each individual course.

- **Individual Course Influence**
  See courses that are most predictive for an individual student.

- **Student Outreach**
  Identify students for outreach based on their performance in highly influential courses.

CIVITAS LEARNINGS

ENGAGEMENT MATTERS
- 80% of institutions have LMS factors in the top 10 predictors of student success.
- On average, 20% of the top 10 predictors for first-year students are LMS factors.
- 64% of changes in predictions within a term are due to activity factors.

IT'S NOT JUST FAILURE
- On average, 75% of students who don't persist have GPAs of 2.0 or higher.
- On average, 42% have GPAs of 3.0 or higher; and for online programs it is 48%.

COURSE GRADES, NOT JUST FAILURES, CAN BE STRONG SIGNALS OF LIKELIHOOD TO GRADUATE
- A "C" in many first-year courses indicates students are likely to persist but not graduate (known as a Yellow Flag signal).
- For many 4-year institutions, a "C" in Freshman Writing is a Yellow Flag signal.
- Even course grades late in programs can be highly predictive of graduation.

OVERVIEW: ILLUME COURSES

Exemplar **Course Signals** across the Civitas:

YELLOW FLAG SIGNAL
Course where even students with a passing grade may be at risk of graduating.

CHALLENGE SIGNAL (GATEKEEPER/GATEWAY)
A significantly above average percentage of students earn Ds, Fs, or withdraw and have a lower likelihood of graduating compared to students who earn an A, B, or C.

QUALIFIER SIGNAL
Only an A improves a student's likelihood of graduating, where typically an A, B, or C all improve graduation likelihood. In addition, students who earn a B are at least 15% less likely to graduate than those who earn an A.

LATE HURDLE SIGNAL
Students most commonly take this course three or more years into their career, and student performance is significantly more predictive than other courses taken in the same year.

- It's not always low grades that indicate an elevated risk to success.
  - Even students who have GPA's above 2.0 don't persist. On average, 75% of students that do not persist have better than a C average.
  - But who? And why?

- Civitas helps us identify the courses that may present barriers to success.

- Some course combinations might be "toxic."

- In some courses, a passing grade might still indicate elevated risk in the major.