

One trusted record behind every student conversation

How Barry University partnered with CollegeVine to build the foundation for consistent decisions and earlier interventions, powering its degree audit and a 24/7 student helpdesk

Barry University

Advising time was going to verification

Barry is a private Catholic university in Miami Shores, built around an integrated student success model: every student has a CASA coach, and a faculty mentoring model launches in the fall.

Answering one academic question meant pulling from the student information system, course catalogs, degree requirements, transfer evaluations, and the institutional knowledge that lives in people's heads. Coaches spent their appointment time confirming where a student stood instead of coaching them on goal setting, decision making, and self advocacy.

“When we admit a student, we are committing to intentionally design experiences so they receive the right support at the right time by the right person.”



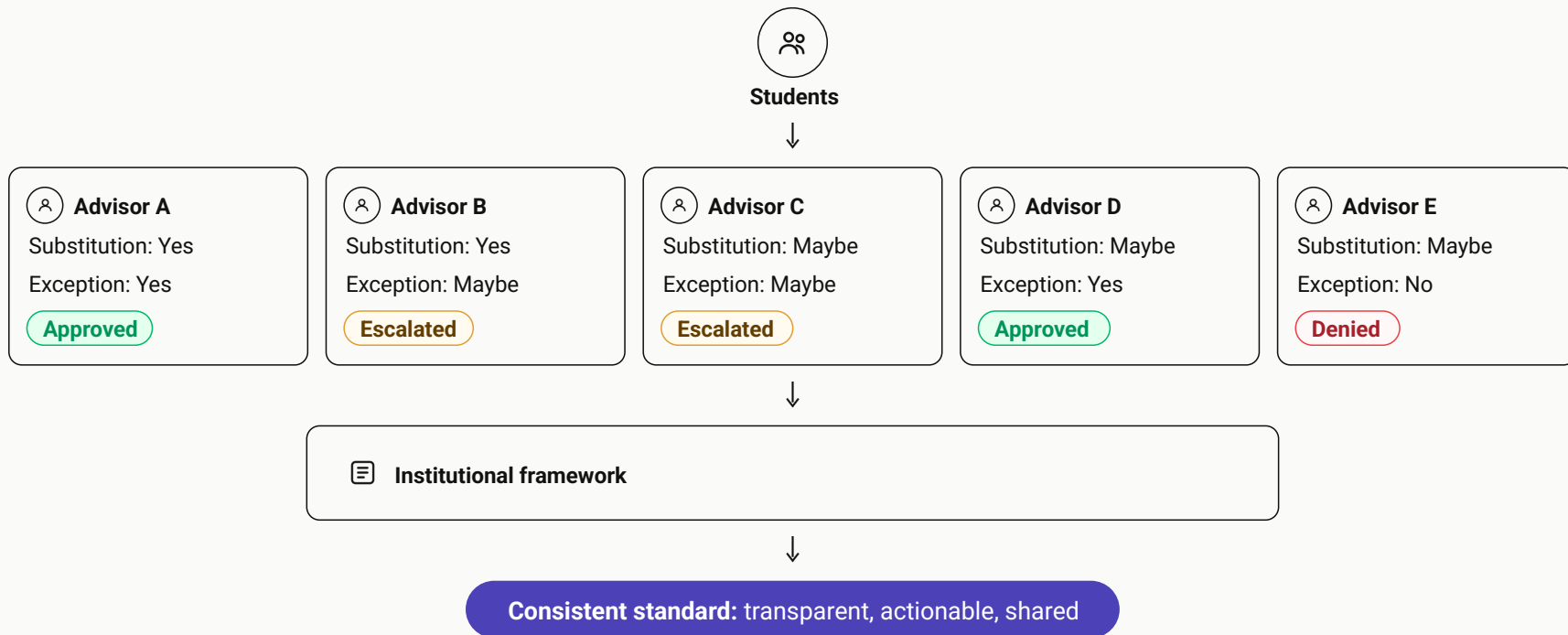
Dr. Elisa Giordano

AVP of Student Success, Barry University

THE STARTING POINT

There was no consistent standard: it varied by advisor, case by case

Course substitutions and exceptions were interpreted case by case. A student's outcome depended on which advisor they happened to sit with, and that is not a practice a success model can scale on.



THE BUILD

Two sources, mapped to one layer, applied to every student

Barry's student records live in Colleague; its requirements lived in PDF catalogs across the institution. CollegeVine ingested and normalized both, mapped them to a shared semantic layer, and applied program rules against every student's coursework.

PROGRAM REQUIREMENTS

6 PDF course catalogs and
2-year advising docs

STUDENT DATA

Colleague, current and
historical records

01

Map

Both sources normalized
into one semantic data layer

02

Apply

Program rules run against
each student's coursework

OUTPUT

Degree audit

Student explorer, program
requirements, tracks and
experiential

What the degree audit achieved

Live at Barry today across 2,566 students and 6 mapped catalogs.

One source of truth

Four-lens tracking

Proactive flags

A consistent set of program rules

BS_BIO · BS

Biology (B.S.) (0)

College of Arts and Sciences · Department of Biology

Catalog total: 120 cr

Umbrella program — 2-year audit handled by specialization children. (was: [BS.BIOM, BS.BIOP, BS.BIOT])

Developmental prerequisites for off-placement students

Students placed below college-level take these first. The catalog-vs-DOCK comparison below uses only the college-ready 2-year sequence.

CHE-095 Developmental Chemistry

→ unlocks: CHE-111 CHE-111L CHE-112 CHE-112L

CHE-152 CHE-343 CHE-343L CHE-344 CHE-344L

ENG-095 Developmental Writing

→ unlocks: ENG-111 ENG-112 ENG-210

MAT-091 Beginning Algebra

→ unlocks: MAT-095 MAT-107 MAT-109 MAT-110 MAT-152

MAT-211

MAT-095 Intermediate Algebra

→ unlocks: MAT-107 MAT-109 MAT-110 MAT-152 MAT-211

What you're comparing: two versions of the same degree.

- **4-year (catalog):** the official graduation requirements from Barry's published catalog. ~120 credits across multiple categories — gen ed, major core, electives, specializations.
- **2-year audit (DOCK):** the internal advising course-sequence docs that tell students what to take in their first two years. ~42 gen-ed credits + early major.

The 'Coverage by category' section below is the main comparison: for each catalog requirement bucket (each gen-ed sub-category, each major group, each elective list), how many of the eligible courses are in the 2-year advising doc?

Source: Barry's gen-ed policy doc effective 2024-07-01.

✓ ON TRACK

First-year writing (ENG 111 required, no choice) 3 / 3 cr (1/1) +

R410a ENG_111_REQUIRED

✓ ON TRACK

Second-year writing (ENG 112 or ENG 210)

6 / 3 cr (1/1) +

OR R410b WRITTEN_CHOICE

ENG-112 / ENG-210

✓ ON TRACK

Oral Communication (SPE 101 or COM 104; table also allows COM 403)

3 / 3 cr (1/1) +

OR R410c ORAL_COMMUNICATION

SPE-101 / COM-104 / COM-403

✓ ON TRACK

Computer Science / Digital Technology (CS 180 or CS 151)

3 / 3 cr (1/1) +

OR R410d COMPUTER_SCIENCE

CS-180 / CS-151

✗ NOT ADDRESSED

Theology (6 credits from Theology) R401

0 / 6 cr (0/2) +

ALL REQUIRED

✗ NOT ADDRESSED

Philosophy (3 credits from Philosophy) R402

0 / 3 cr (0/1) +

ALL REQUIRED

The same record in a shared view

Everyone in a student's success network – coach, faculty mentor, registrar, and the student – now works from one academic picture, read through the lens their role needs.



Degree Audit

TOTAL STUDENTS

2,566

Student Explorer

Program Requirements

Tracks/Experiential Coursework

Student Explorer

129 student programs shown



Search student name or ID

BS.BIOP

All catalog years

All class levels

All completion

All tracks

All experiential co...

Showing 1-50 of 129 student programs · Page 1 of 3

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ID ↓	STUDENT NAME ↑	CATALOG YEAR ↓	CLASS LEVEL ↓	PROGRAM ↓	EXPERIENTIAL ↓	DEGREE COMPLETION ↓	
*****	*****	2025	Second Year	BS.BIOP BS Pre-Professional Biology	1 courses	32% 38 / 120 cr	See full degree → audit
*****	*****	2023	Third Year	BS.BIOP BS Pre-Professional Biology	2 courses	47% 56 / 120 cr	See full degree → audit
*****	*****	2024	Third Year	BS.BIOP BS Pre-Professional Biology	6 courses	60% 72 / 120 cr	See full degree → audit
*****	*****	2024	Third Year	BS.BIOP BS Pre-Professional Biology	4 courses	50% 60 / 120 cr	See full degree → audit

ADRIAN · AI ONE STOP

Adrian answers 24/7, now on the audit

Adrian has been live for several months over email, SMS, phone, and webchat, checking in before students think to ask. On top of the semantic layer she can name the credits standing between a student and an on-time graduation, and book the coaching appointment in the same conversation.

10,000+

SMS to 3,300 recipients in 90 days

900

emails across 500 students

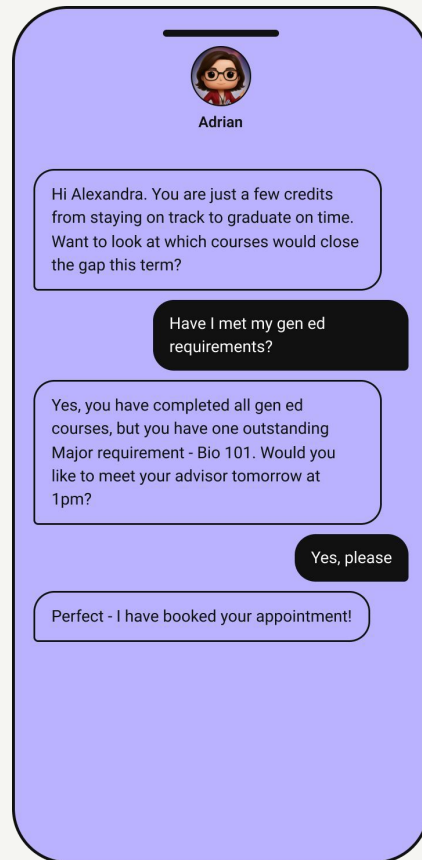
34%

of conversations after hours or on weekends

15

outreach campaigns launched

A HELPDESK WITH ALL THE KNOWLEDGE



WHAT'S NEXT

Building stronger support for the student

The degree audit is the first optimization project built on Barry's semantic layer. Barry and CollegeVine are scoping the next use cases against the same foundation, with IT holding the human-in-the-loop review across financial aid, student services, and advising.

Barry's ontology

Extending the semantic layer beyond degree requirements

Predictive coaching support

Patterns and risk signals routed to coaches before a student falls behind

Faculty mentoring model

Launching in the fall, with every mentor on the same academic record

“Technology doesn't transform student success. People do. The technology gives us the intelligence to make those human connections earlier and more intentionally.”



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