SCHOOL OF ENGINEERING & APPLIED SCIENCE

Summer 2025 Orientation Session

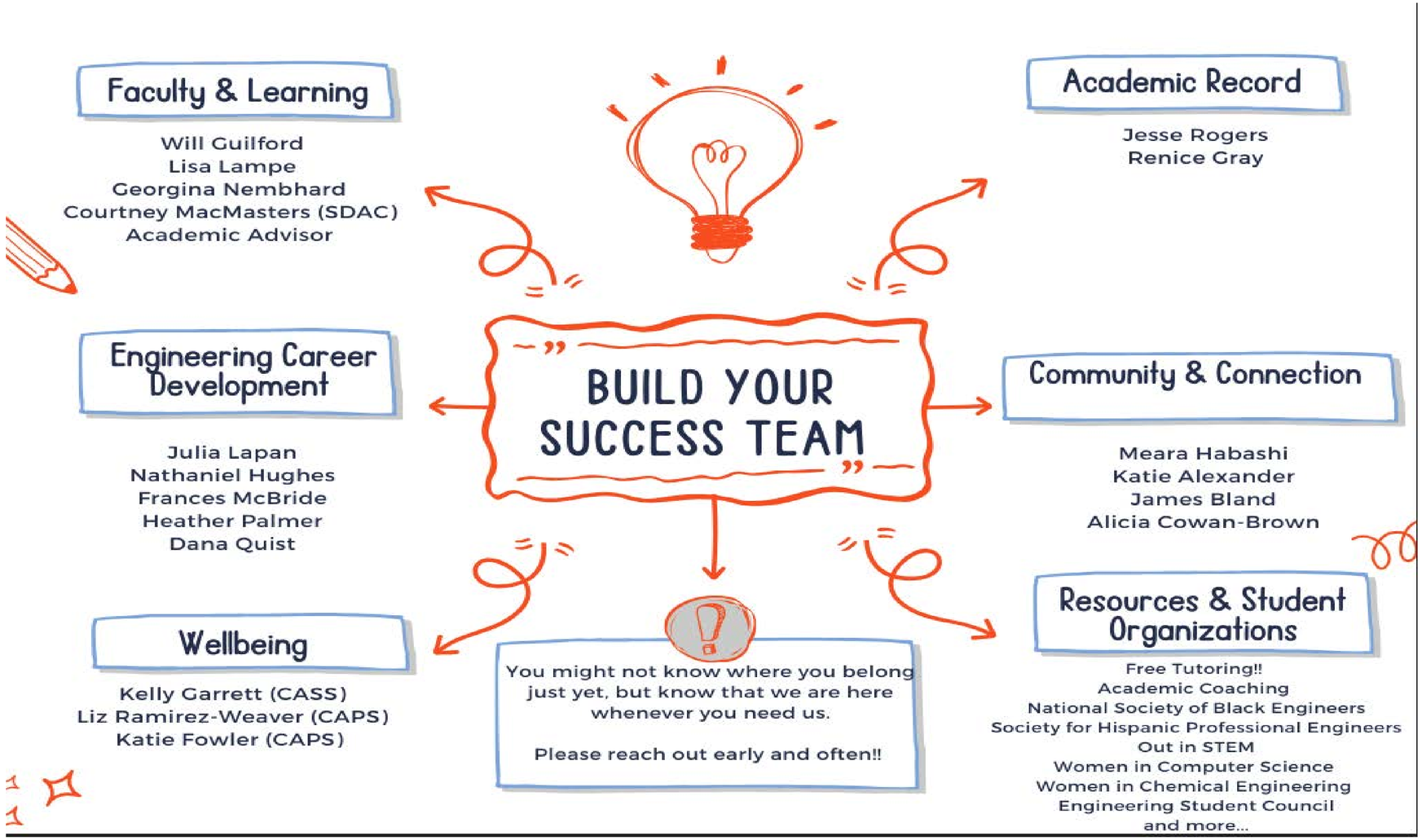
UNIVERSITY of VIRGINIA

WHAT DO YOU HOPE TO GAIN FROM ORIENTATION?

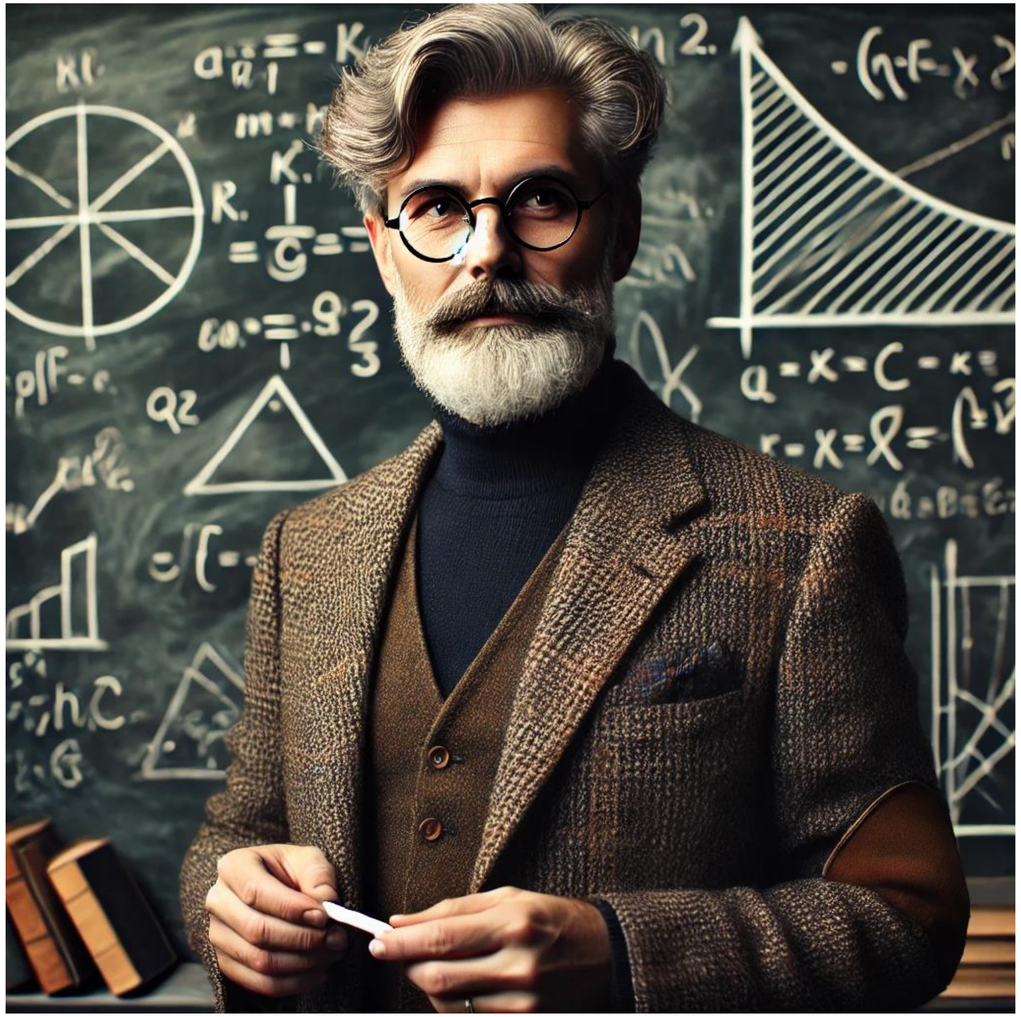
UNIVERSITY of VIRGINIA

ENGINEERING'S GUIDE ON HOW TO WIN COLLEGE

HOW TO WIN COLLEGE: BUILD YOUR SUCCESS TEAM



HOW TO WIN COLLEGE: GET TO KNOW YOUR FACULTY



What I know about you is exactly how much you knew about me.

Like all stereotypes, the professor stereotype is BS.

You are attending college for access to us.

We had to figure out how to win college too.

We faced the same problems that you are facing.

HOW TO WIN COLLEGE: GET INVOLVED OUTSIDE CLASS

entrepreneurship

experiential learning

undergrad research

study abroad

policy internships

clubs

HOW TO WIN COLLEGE: BROADEN YOUR EDUCATION

You are attending one of the best liberal arts institutions in the world.

Avail yourself of this opportunity!

Use your AP and dual enrollment credits sparingly.

HOW TO WIN COLLEGE: ASK FOR AND ACCEPT HELP

HOW TO WIN COLLEGE: KNOW THE RULES

UVA Undergraduate Record

Academic and non-academic regulations

https://records.ureg.virginia.edu/content.php?catoid=61&navoid=5302

Engineering Undergraduate Record

The School of Engineering's academic rules

https://records.ureg.virginia.edu/content.php?catoid=61&navoid=5250

GETTING TO KNOW YOUR FIRST-YEAR SCHEDULE

Jesse Rogers, Registrar

“STANDARD” FIRST SEMESTER CLASSES

Course Title	Subject & Course #	Credits
Applied Math (APMA) Single Variable Calc I or Single Variable Calc II or Multivariable Calc III	APMA 1090 (3) or APMA 1110 (4) or APMA 2120 (4)	3 or 4
Intro to Chemistry	CHEM 1410	3
Chemistry Lab	CHEM 1411	1
Engineering Foundations I	ENGR 1010*	4
Humanities & Social Science Elective	HSS Elective	3

***RODMAN SCHOLARS TAKE ENGR 1410**

VARIATIONS ON “STANDARD” SCHEDULE

If you have credit for…	Consider replacing with…
Multivariable Calc III---APMA 2120	Higher math (determined by intended major)
Intro to Chemistry—CHEM 1410	-Introduction to Programming -Math & Science Elective -Physics I Lecture and Lab
HSS Elective	-**Another HSS Elective** -Unrestricted Elective -Introduction to Programming -Math & Science Elective -**Student-Taught Classes (1501 Courses)** **-University Seminars**

ELECTIVE	WHAT COUNTS?
HSS Elective	Courses that instill cultural values, explorations of society
Unrestricted Elective	Any graded course at the University KLPA 1000-level courses do **not** count
Math & Science Elective	BIOL 2100: Cell Biology & Genetics with Lab BIOL 2200: Organismal and Evolutionary Biology with Lab CE 2001 – Sustainability Science CHEM 1420: Introductory College Chemistry II PHYS 2620: Modern Physics MSE 2090: Intro. Material Science EVSC 2800: Fundamentals of Geology EVSC 3200: Fundamentals of Ecology EVSC 3300: Atmosphere and Weather Any APMA course 2000 or higher not already required by a student's major and does not duplicate material from another APMA course

“STANDARD” SECOND SEMESTER SCHEDULE

Course Title	Subject & Course #	Credits
Single Variable Calc II or Multivariable Calc III	APMA 1110 or APMA 2120	4
Engineering Foundations II	ENGR 1020*	3
General Physics I	PHYS 1425	3
General Physics I Lab	PHSY 1429	1
Introduction to Programming	CS 1110, 1111, or 1112	3
Math and Science Elective	Varies	3

***RODMAN SCHOLARS TAKE ENGR 1420**

COMPUTER SCIENCE OPTIONS

Considerations for Enrollment	Subject & Course #	Lecture Format	Lab Format
Open to students of all programming backgrounds	CS 1110	Three 50 minute lectures	One mandatory 75 min lab
Need prior programming experience	CS 1111	Two 75 min lectures	Open lab
Restricted to no programming experience	CS 1112	Three 75 min lectures	Built-in lab

ADDITIONAL COURSE CREDIT INFORMATION

Find links to what courses constitute **HSS electives**, and the **math/science elective**.

Find a link to what **AP scores** are needed for UVA credit.

Find a link to **transfer course equivalencies**.

https://engineering.virginia.edu/undergraduate-study/current-undergrads/new-students/summer-advising-and-enrollment

TRANSFER COURSE POLICY

Students may not enroll in a transfer course during the regular academic year (fall and spring) without prior approval from the Associate Dean for Undergraduate Affairs.

Contact Will Guilford (whg2n@virginia.edu) **prior to enrolling** in a transfer course during the academic year to ask permission.

Important deadlines

Deadlines	Date
Open Enrollment	**August 4th**
Course Add	September 9th
Non-Engineering Course Drop (includes CHEM/PHYS)	September 10th
Engineering Course Drop without a W (removed from transcript)	October 14th
Withdraw	October 21st
Major Declaration	March 1st

ENROLLMENT BASICS

STELLIC VS SIS

Use Stellic to:

- Find courses by:
  - How they fit your schedule
  - Requirements they fulfill
  - Subject matter
  - …and more!
- Communicate with your success team
- Check on your degree progress

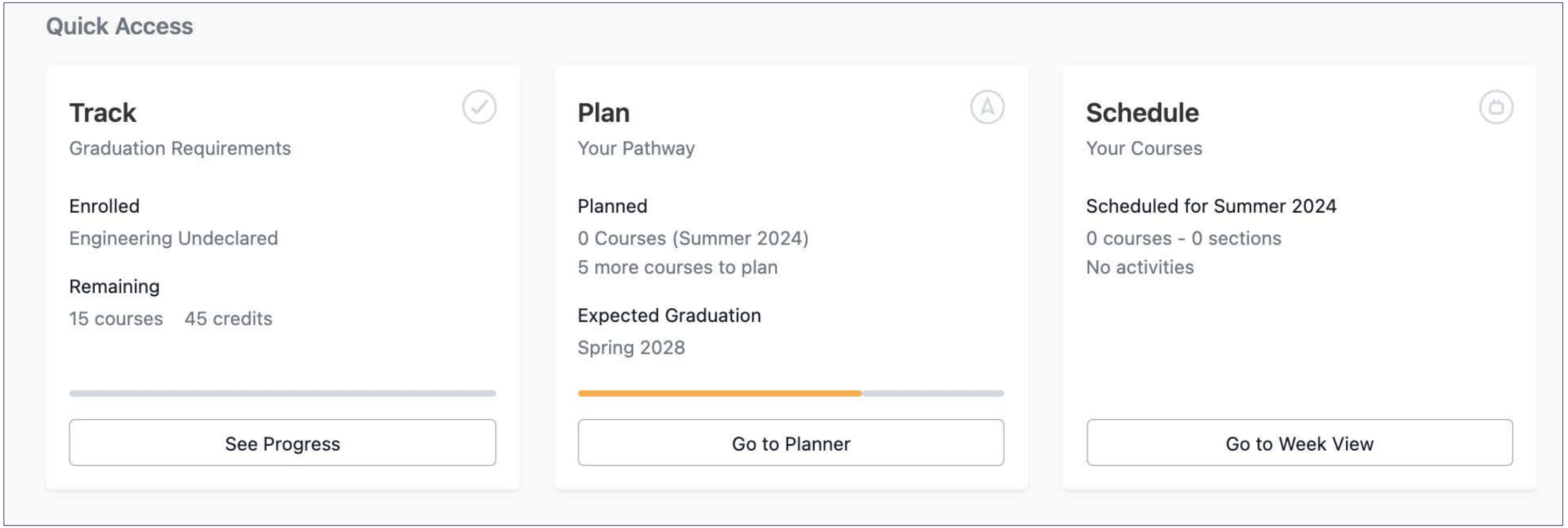
Then use SIS to:

- Put the courses you found in your SIS shopping cart
- Enroll in some or all of those classes
- Download transcripts

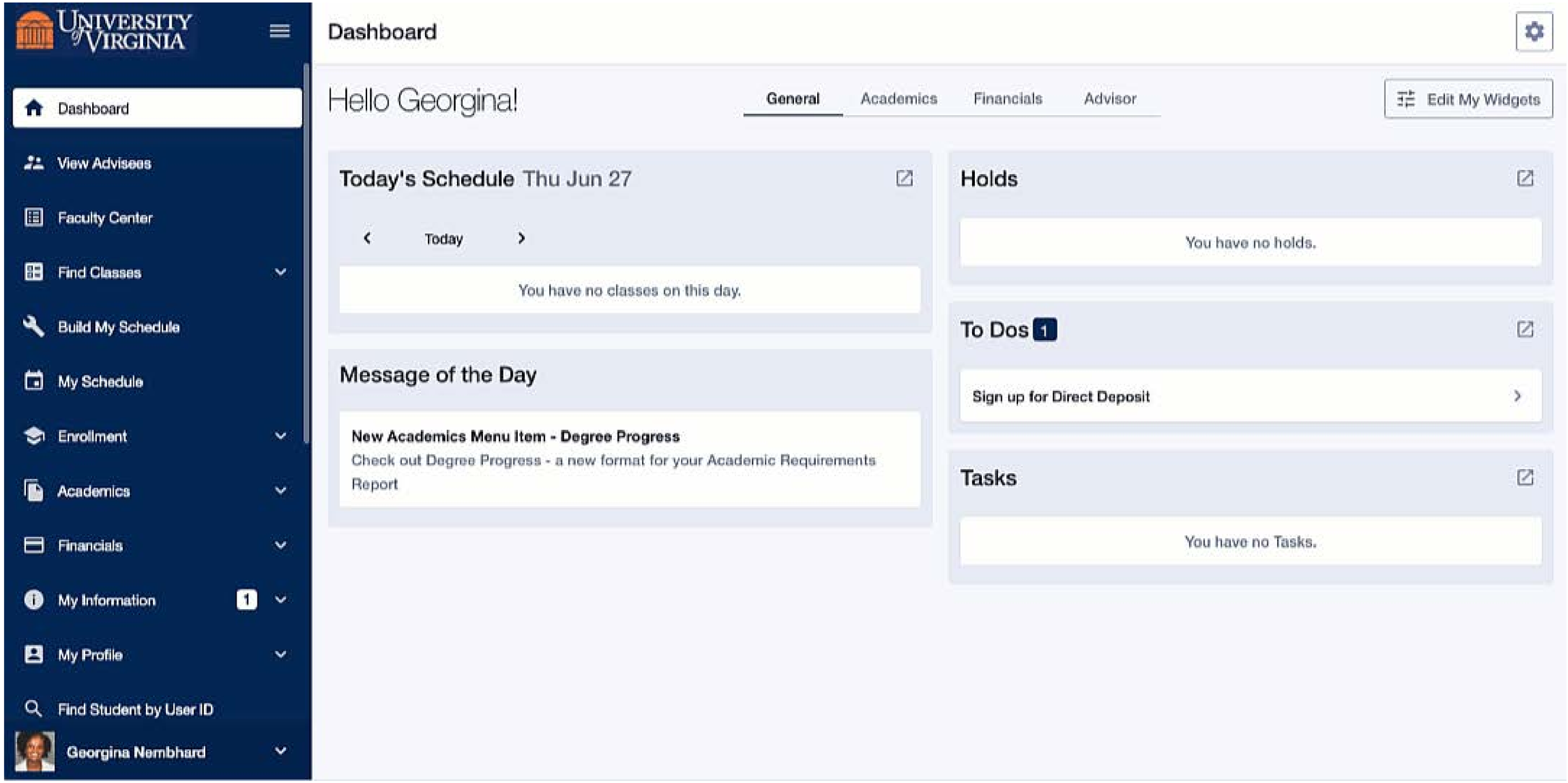
Stellic

Advising support platform for students to:

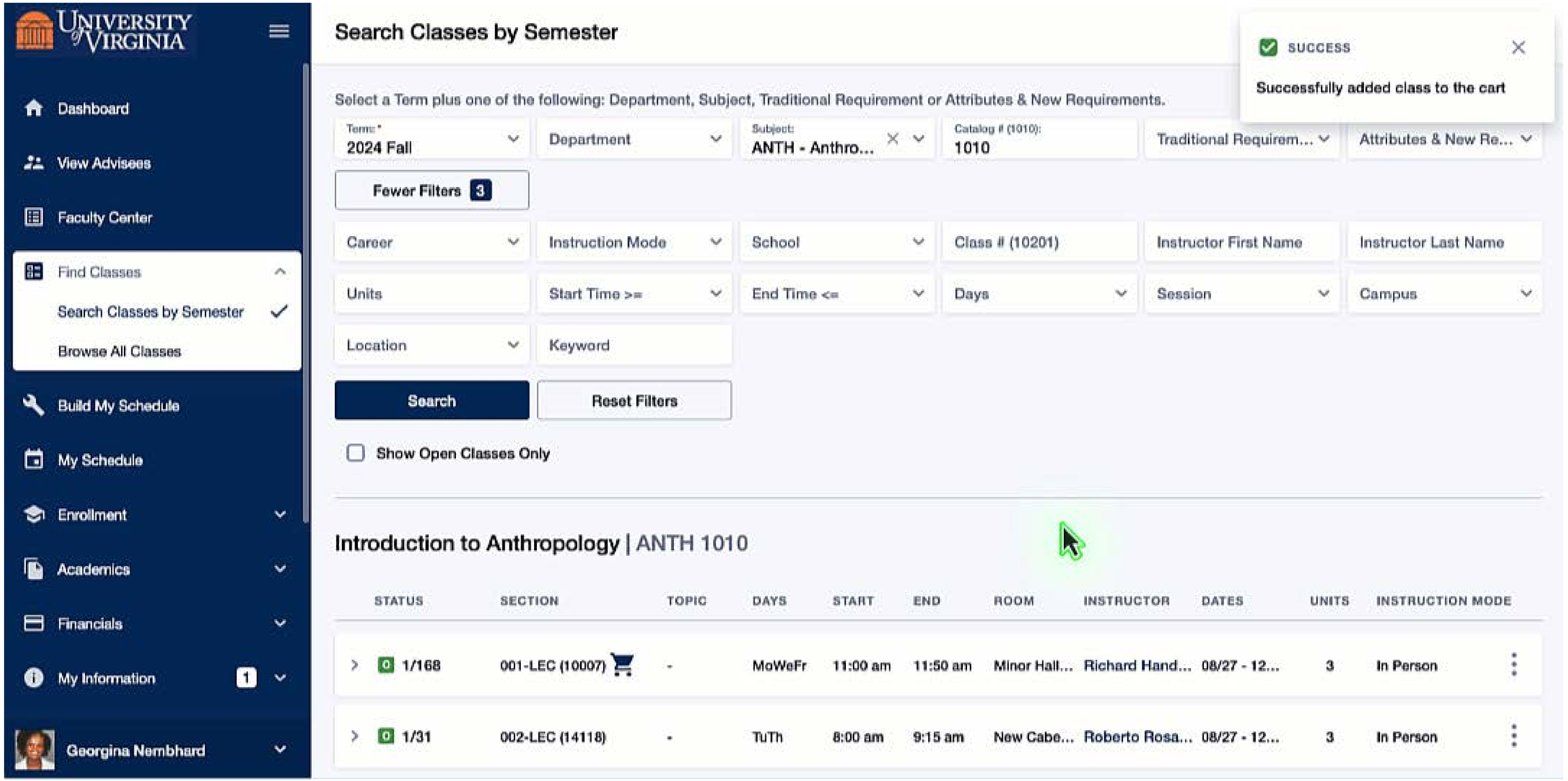
- Explore programs
- Search for courses
- Communicate with advisors



SHOPPING CART IN SIS



ENROLLMENT IN SIS



DO NOT CHANGE YOUR PRE-ENROLLED COURSES!

IT'S GOING TO BE OK!

Your goal today is an *acceptable* schedule with at least 12, and preferably 15 credits.

You have until the add deadline to update and improve it!

GO GET IT!

1. **In Stellic, under Appointments, link your calendar**
2. Go to your breakout room (you are currently in MEC 205)
3. Work with your Orientation Advisor and your Orientation Leader
4. Use Stellic to find courses
5. Use SIS to store those courses in your shopping cart
6. Enroll at 11 a.m!