

Math Department welcomes the class of 2029

Summer 2025

Dr. Lia Vas,
Chair of the Department of
Mathematics,
Professor of Mathematics

Dr. Rommel Regis,
Director of Data Science Program
Professor of Mathematics



Math major at a glance

3 groups of courses, approximately equal in number, all about 40 credits:

1. **Core Curriculum** (general education) courses – CCC
2. **Major requirements**
3. **Free electives**

1. CCC are pretty standard for SJU – typically three during the first fall semester including Calc 1 or Precalc.

2. 6 required + 6 math elective courses and a CSC course. Typically CSC course during the first fall semester.

3. Free electives leaves a lot of time for a minor or a second major.

Data Science major at a glance

3 groups of courses:

1. **Core Curriculum** (general education) courses – CCC
2. **Major requirements** – a mix of DSC, MAT, CSC, and DSS courses
3. **Free electives**

1. CCC are pretty standard for SJU – typically three during the first fall semester including Calc 1 or Precalc.

2. 14 required + 3 DSC elective courses. Typically a CSC and a MAT course during the first fall semester.

3. Free electives leave sufficient time for a minor or a second major.

Fall 2025 Registration – math

1. **A Math course** – typically **Calculus 1** (MAT 161) or **Precalculus** (MAT 120).
If you expect AP credits, you can be placed to Calc 2 or 3 (162 or 213).
2. **A Computer Science course** – CSC 115 or CSC 120.
CSC 115 covers Python and CSC 120 Java. CSC 115 is recommended.
3. **A non-native language** course – check the language placement.
4. An **English** course – The Craft of Language (ENG 101). Alternatively, HIS 101
5. A **free elective** – take another core course, math course (e.g. Fundamentals of Math, MAT 250) or explore your other interests.

Fall 2025 Registration – Data Sci

1. **A Math course** – typically **Calculus 1** (MAT 161) or **Precalculus** (MAT 120).
If you expect AP credits, you can be placed to Calc 2 or 3 (162 or 213).
2. **A Computer Science course** – CSC 115.
3. **A non-native language** course – check the language placement.
4. **A History** course – World History HIS 101, 102, or 103.
Alternatively, an **English** course, The Craft of Language (ENG 101).
5. **A Philosophy level one** course or a **free elective**.

Summer 2025 Registration

You will **register remotely in early July** using the self-service course registration system in the Nest.

Right after this meeting, you will participate in a **Registration Prep Workshop** where you will learn how to:

- Build your schedule
- Search for courses
- Access registration resources

The meeting will be in **Science Center 200** and it will be lead by **Maria Beazley**.



July 2025 timeline

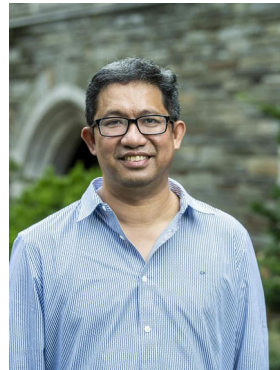
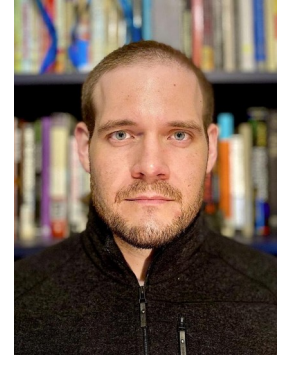
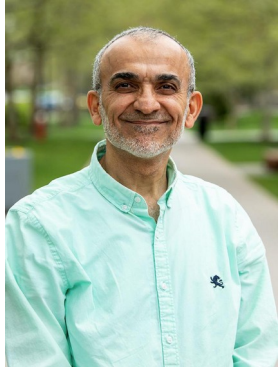
- ☐ **Today:** Attend a registration prep workshop with Undergraduate Advising
- ☐ **Before the registration in July:**
 - ☐ Review the [First-Semester Registration Guide](#) for schedule-building resources & registration tutorials
 - ☐ Make (at least 3) ideal and back-up schedules using your Registration Worksheet
 - ☐ If you have any questions, attend a Registration Drop-In Advising Session with Undergraduate Advising Support the day before you regist (check your SJU email for details to come).
- ☐ **Monday July 14:** Register for your Fall courses

August 2025 timeline

Faculty advising: Soon after the registration, you will be assigned a **faculty advisor** at our department. Before registration for each of the subsequent semester, you will be meeting with your advisor and you will create a schedule for the semester.

- ☐ The faculty advisor is the best source for discussing honors research projects, internships, summer scholars program, and 1-credit career prep course. Also, good for discussing adding a minor or a second major.
- ☐ You can also reach out to me (lvas@sju.edu) with any questions about the math major and to Dr. Regis (rregis@sju.edu) for any about DSC program.

The classes start on **Monday August 25.**



Welcome to the Department of Mathematics

