

HSL June 2023 Syllabus



General

The live course will take place **Saturdays at noon EST (9 AM PST, ~6 PM Europe)** for 9 weeks, from **June 24 - August 19**. The course will be **held on Zoom**, and recordings will be posted to **Youtube**. Lesson notes will be available on Github, posted to the Hooniverse group and emailed. Attendance is not required, but encouraged. If there is a time conflict, you can finish the course by simply watching recordings and/or reading notes.

Communications

Our main communications and **Q&A forum will take place through the Hooniverse group at ~hiddev-dannut/new-hooniverse**. If you're in the course, you should be in the group. Please use the **Hoon School Live channel for any general/administrative questions**, and the **Q&A Beginners/HSL channel for homework help and technical questions**.

We will also be communicating with a mailing list. You should expect to receive an email before the course with the Zoom link and one afterwards with the notes and homework. If you've signed up by June 24, you'll be on the list. If you're not receiving emails but want to, contact me.

Instructor

I'm available by Urbit DM at **~tamlut-modnys ~litsyx-tomter (original ship is down)** or via email at **jack.wang@urbit.org**. Please reach out if you have questions on anything – getting onto the network, using groups, homework, etc. All questions and concerns are welcome, and I will aim to respond to everything promptly.

About me – I spent several years in a computer science PhD program at Cornell before joining the Urbit Foundation. My background is in theoretical algorithms, but I'm interested in many areas of computer science. As a recovering academic, many of you may have more industry programming experience than me. I'm excited to be teaching you and my goal for the course is for it to be clear, practical, and accessible.

Homework

The course will have 9 **homeworks**. **8 completed will be required to be a finisher**. You will receive grades to help you learn, but grades don't matter towards completion – a homework will be considered complete if you made a reasonable effort on it. **Finishers will earn a %gora token and have opportunities on the Urbit ecosystem open up for them**.

Homeworks will be released after every lesson. To receive prompt grades and feedback, turn them in within 8 days of release. The final due date for all homeworks will be **August 26 – to be a finisher**, simply turn in homeworks by that day. Homeworks turned in after 8 days are not guaranteed to receive prompt feedback.

Office Hours

We aim to hold office hours twice a week for students to drop in and ask any questions. Previous HSL students have found office hours to be a very helpful resource. We will send out a survey to see what times work best for the group. They will be held in gather.town, in the Urbit Hacker House: <https://app.gather.town/app/xAYeiPI2XDYhRM9t/urbit-hacker-house>

Links and Resources:

Course Zoom Link:

<https://us06web.zoom.us/j/83762267771>

Hooniverse Group:

~hiddev-dannut/new-hooniverse

Course Notes (not yet posted):

<https://github.com/tamlut-modnys/curriculum/tree/master/hsl-23-2>

Urbit.org Hoon School Notes:

<https://developers.urbit.org/guides/core/hoon-school>

Urbit Hacker House (office hours):

<https://app.gather.town/app/xAYeiPI2XDYhRM9t/urbit-hacker-house>

Hoon Reference (use the search bar to search for runes and functions):

<https://developers.urbit.org/reference/hoon>

Hoon Syntax Sheet (compact reference guide):

<https://storage.googleapis.com/media.urbit.org/docs/hoon-cheat-sheets-2023-01-10.pdf>

Urbit Operator's Manual (setting up and using a ship):

<https://operators.urbit.org/manual/os>

Get an Urbit Planet:

<https://tlon.network/lure/~nibset-napwyn/tlon>