

## GRADUATE STUDENT COURSE ASSIGNMENTS

Block 0	Analysis — Fefferman	Week 1
Block 1	Discrete Mathematics — Babai	Weeks 1–8
Block 2a	Problems — Abert	Weeks 1–4
Block 2b	Hyperplanes — Klivans	Weeks 5–6
Block 2c	A piacere — May	Weeks 7–8
Block 3a	Hyperbolic — Muchnik and Bader	Weeks 1–4
Block 3b	Mapping class groups — Farb and Hruska	Weeks 5–8
Block 4	Applied mathematics — Cattaneo Gordon Kirr Lewicka	Weeks 1–8
Block 5	Apprentice Program — Abert Babai May	Weeks 1*–4

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Block 1	Block 1	Block 1	Block 1	Block 1	Block 1	Block 1	Block 1
Block 2a	Block 2a	Block 2a	Block 2a	Block 2b	Block 2b	Block 2c	Block 2c
Block 3a	Block 3a	Block 3a	Block 3a	Block 3b	Block 3b	Block 3b	Block 3b
Block 4	Block 4	Block 4	Block 4	Block 4	Block 4	Block 4	Block 4
Block 5*	Block 5	Block 5	Block 5				

\*No class meetings first week, but meetings with students

Block 1 (Babai) (weeks 1–8)

Chakraborty, Ganapathy, Raghunathan, Purdy, Schedler

Block 2a (Abert) (weeks 1–4)

Balduzzi, Copeland, Cudney, Krishnan, Patel, Wallace

Block 2b (Klivans) (weeks 5–6)

Balduzzi, Bremer, Copeland, Cudney, Patterson, Wallace

Block 2c (May) (weeks 7–8)

Everyone is welcome to join me at lunch, and to talk with interested students afterwards. I'll give an informal talk every lunch hour.

Block 3a (Muchnik and Bader) (weeks 1–4)

Day, Dymarz, Johns, Ponto, Vasilyev

Block 3b (Farb and Hruska) (weeks 5–8)

Bremer, Dymarz, Johns, Krishnan, Ponto, Vasilyev

Block 4 (Cattaneo Gordon Kirr Lewicka) (weeks 1–8)

Bremer (7–8), Carstea, Gurski, Morris, Rule

Block 5 (Apprentice) (weeks 1–4, possibly 5–8)

Abouzaid, Johnson (3–8), Lee, Noel, Patterson, Ren

## Assignments by block and by mentoring group

Name	Block	Weeks	Mentoring
Mohammed Abouzaid	5	4 weeks (first 4)	Apprentice
David Balduzzi	2	8 weeks	YSP
Chris Bremer	2b, 4d	4 weeks (last 4)	SESAME
Catalin Carstea	0 and 4	8 weeks	SESAME
Jeremy Copeland	2	8 weeks	YSP
Richard Cudney	2	8 weeks (miss 1st?)	YSP
Matthew Day	3a	4 weeks (first 4)	SESAME
Tullia Dymarz	3	6-7 weeks (not 6 and/or 7)	YSP
Nick Gurski	4	8 weeks	SESAME
Niles Johnson	2 and/or 5	6 weeks (3rd to 8th)	Apprentice
Joseph Johns	3	8 weeks	YSP
Sanjeevi Krishnan	2a, 3b	8 weeks	YSP
Ben Lee	5	4 weeks (first 4)	Apprentice
Courtney Morris	4	8 weeks	SESAME
Justin Noel	2	8 weeks	Apprentice
Deepam Patel	2a	4 weeks (first 4)	Apprentice
Eric Patterson	2b and 5	8 weeks	Apprentice
Kate Ponto	3	8 weeks	SESAME
Wei Ren	5	8 weeks	Apprentice
David Rule	0 and 4	8 weeks	SESAME
Travis Schedler	1	8 weeks	—
Sergey Vasilyev	3	7 weeks (not 1st)	SESAME
Chris Wallace	2	8 weeks	YSP
Sourav Chakraborty	1	8 weeks	—
Murali Ganapathy	1	8 weeks	—
Nanda Raghunathan	1	8 weeks	—
Eric Purdy (UG)	1	8 weeks	—

## ORGANIZERS

Team leaders for courses: people in charge of organizing problem sessions, making sure that graduate students are at talks, and coordinating with faculty, whose preferences on how graduate students are to help out are paramount.

- 1 Babai: Sourav Chakraborty
- 2a Abert: David Balduzzi and Chris Wallace
- 2b Klivans: Richard Cudney and Eric Patterson
- 3a Muchnik-Bader: Matthew Day and Tullia Dymarz
- 3b Farb-Hruska: Chris Bremer and Tullia Dymarz
- 4ab Cattaneo-Gordon: Catalin Carstea and David Rule
- 4cd Kirr-Lewicka: Nick Gurski and Courtney Morris
- 5 Abert-Babai-May: Justin Noel and Niles Johnson

Mentoring organizers: people in charge of setting up mentorship pairings.

APPRENTICE: Mohammed Abouzaid (Justin Noel and Niles Johnson weeks 5–8)

Mentors: Abouzaid, Johnson\*, Lee, Noel\*, Patel, Patterson\*, Ren\*

\*Also YSP and SESAME as needed, especially during weeks 4–8.

YSP: David Copeland

Mentors: Balduzzi, Copeland, Cudney, Dymarz, Krishnan, Wallace

SESAME: Kate Ponto

Mentors: Bremer, Carstea, Day, Gurski, Morris, Ponto, Rule, Vasilyev