

2009 Nebraska IMMERSE Schedule

as of July 27, 2009

Program Format: The core of the program consists of two independent “courses,” one in algebra and one in analysis, taught by the IMMERSE faculty and graduate mentors. The activities for each course are scheduled in 3-hour time blocks or “modules,” which consist of a mix of lecturing, group work, individual problem-solving, optional tutorials or computer work. The exact activities will vary from day to day. A typical week will have four algebra modules, four analysis modules, and a free block and an organized social activity, as follows:

	Monday	Tuesday	Wednesday	Thursday	Friday
8:30 – 11:30	Algebra	Free	Analysis	Analysis	Algebra
11:30 – 1:15	Lunch	Lunch	Lunch	Lunch	Lunch
1:15 – 4:45	Analysis	Algebra	Algebra	Social	Analysis

There will be many deviations from this standard schedule, particularly in the first two weeks. Some schedule changes are listed below and more will be announced later. In the afternoon block, there is a half hour “tea time” break from 3:30 to 4:00. All modules meet initially in Avery 351. Some activities will be in Avery 12 (a high-tech classroom) or Avery 348 (the lounge).

Deviations from the Standard Schedule

Sunday, June 21

5:45	Meet in Selleck Lounge at 5:45	
6:00 – 7:30	Dinner (deli sandwiches)	MRC

Monday, June 22

9:00 – 9:45	Welcome and Introductions	Avery 348
9:45 – 10:00	Photo time	Avery 348
10:00 – 10:40	Orientation to the math computer network	Avery 18
10:45 – 11:30	Tour of Avery Hall and campus	
11:30 – 2:00	Lunch	Selleck Hall
2:00 – 3:00	Algebra lecture	Avery 351
3:00 – 3:30	Tea	Avery 348
3:30 – 4:30	Analysis lecture	Avery 351

Tuesday, June 23

8:30 – 9:20	Introduction to T _E X	Avery 12
9:25 – 10:25	Algebra lecture	Avery 351
10:30 – 11:30	Analysis lecture	Avery 351
11:30 – 1:30	Lunch	Selleck Hall
1:30 – 4:30	Social Activity	

Thursday, June 25

8:30 – 11:30	Analysis block	Avery 351
11:30 – 1:15	Lunch	Selleck Hall
1:15 – 4:45	Algebra block	Avery 351

Thursday, July 3

8:30 – 11:30	Analysis block	Avery 351
11:30 – 1:15	Lunch	Selleck Hall
1:15 – 4:45	Algebra block	Avery 351

Monday, July 6

8:30 – 11:30	Analysis	
11:30 – 1:15	Lunch	
1:15 – 2:45	Algebra Problem Session	
2:45 – 3:15	Tea	
3:15 – 4:45	Chapman Lecture I & questions	
5:15	Special Dinner at Blue Orchid, 129 N 10th St	

Tuesday, July 7

9:00 – 10:30	Chapman Lecture II	
10:30 – 11:30	Time to talk with Scott Chapman	
11:30 – 1:15	Lunch	
1:15 – 4:45	Free time	

Tuesday, July 14

10:30 – 11:30	Panel Careers in Math Baeth, Cooper, Orr, Rebarber	Avery 351
11:30 – 1:15	Lunch	Selleck Hall
1:15 – 4:45	Algebra block	Avery 351

Monday, July 20

8:30 – 11:30	Algebra	
11:30 – 1:15	Lunch	
1:15 – 2:45	Analysis Problem Session	
2:45 – 3:15	Tea	
3:15 – 4:45	Larson Lecture I & questions	Avery 110
5:15	Special Dinner at Misty's, 200 N 11th St	

Tuesday, July 21

9:00 – 10:30	Larson Lecture II	Avery 19
10:30 – 11:30	Time to talk with Dave Larson	
11:30 – 1:15	Lunch	
1:15 – 4:45	Free time	

Thursday, July 23

8:30 – 11:30	Algebra block	Avery 351
11:30 – 1:15	Lunch	Selleck Hall
1:15 – 4:45	Social Activity	Avery 351

Friday, July 24

2:45 – 3:00	Group Photo (without T-shirts)	
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Tuesday, July 28

10:15 – 10:30	T-shirt distribution and Group Picture	Avery 348
10:40 – 11:30	Enjoying (and surviving) Grad School Panel	Avery 351

Thursday, July 30

9:30 – 10:20	Stefan Erickson: Elliptic Curve Cryptography	
10:30 – 11:30	Vrej Zarikian: Generalizing the $n \times n$ matrices: A survey of operator algebras	
11:30 – 1:00	Lunch	Selleck Hall
1:00 – 1:50	Violeta Vasilevska: Which surfaces can “detect” maps with “good” properties?	Avery 351
1:55 – 2:45	Nick Baeth: Direct-sum Decompositions of Modules	Avery 351
6:00	End of Program Dinner	Noodles & Co.