Number Theory Spring 2022 Schedule

◄ December

January 2022

February ►

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17 MLK Day	18	19 First Day of Class Before class: Skim Ch. 1 and make an intro slide	20	21 Before class: Read 2.1 and 2.2.	22
23	24 Before class: Read 2.3.	25	26 Before class: Read 2.4.	27	28 Before class: Read 2.5. Homework 1 due at start of class.	29
30	31 Class in person in MONT 112 Before class: Read 2.6. Courses dropped after this date will have a "W"					

◄ January

February 2022

March ►

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2 Before class: Read 2.7.	3	4 Before class: Read 2.8. Homework 2 due at 11:59 pm.	5
6	7 Before class: Read 2.9.	8	9 Before class: Read 2.10.	10	11 In-class worksheet which quiz will be based on	12
13	14 Quiz 1	15 Dean's signature required to add courses	16 Before class: Read 3.1 and 3.2.	17	18 Before class: Read 3.3. Homework 3 due at start of class.	19
20	21 Before class: Read 3.4; we are going gambling!	22	23 Before class: Read 4.1 and 4.2	24	25 ~~Before class: Read 4.3.~~ ~~Homework 4 due at start of class.~~ Snow Day!	26
27	28 Before class: Read 4.3.					

◄ February

March 2022

April ►

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2 Before class: Read 4.4.	3	4 No Class. Giving a talk at URI	5
6	7 Quiz 2	8	9 Before class: Read 4.5.	10	11 Before class: Skim 4.6. Homework 5 due at start of class.	12 Spring Break!
13 Spring Break!	14 Spring Break!	15 Spring Break!	16 Spring Break!	17 Spring Break!	18 Spring Break!	19 Spring Break!
20 Spring Break!	21 Before class: Read 5.1. Extra credit due.	22	23 Before class: Read 5.1 and skim 5.2.	24	25 Before class: Read 5.2.	26
27 Last day to turn in extra credit.	28 Before class: Read 5.3.	29	30 Primary Source Project: Gaussian Integers and Dedekind's Creation of an Ideal	31		

◄ March

April 2022

May ►

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 Primary Source Project: Gaussian Integers and Dedekind's Creation of an Ideal	2
3	4 Before class: Read 5.4.	5	6 Before class: Read 5.5.	7	8 Before class: Read 5.6. Homework 6 due on HuskyCT at 11:59 pm.	9
10	11 Quiz 3 Last day to withdraw from a course Your instructor will prove Fermat's Little Theorem.	12	13 Before class: Read 7.1 and 7.2.	14	15 Primary Source Project Due Before class: Read 7.3 and 7.4. Worksheet HW due.	16
17	18 Before class: Read 8.1.	19	20 Before class: Read 8.4 and 8.9.1. Proving Z/pZ^* is cyclic!	21	22 Before class: Read 10.1 and 10.2. Proving Z/pZ^* is cyclic!	23
24	25 Before class: Read 10.3. The Legendre symbol and understanding quadratic reciprocity. Homework 7 due on HuskyCT at 11:59 pm.	26	27 Before class: Read 10.4. We are going to prove quadratic reciprocity!!!	28	29 Last Day of Classes Before class: Skim 10.7.	30

◄ April

May 2022

June ►

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 Take-Home Final window begins at 8 am	3 Access the final on HuskyCT. Once opened, you have 90 minutes to complete.	4 Take-Home Final window ends at 8 am	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				