Course outline for number theory students entering fall of even numbered years

**Year 1**

**Fall:**

(a) MATH 8210 (Analysis breadth requirement)
(b) MATH 8510 (ADM breadth requirement)
(c) MATH 8000 (STAT or OR/STAT breadth requirement) or MATH 8040 (OR/STAT breadth requirement) or MATH 8050 (STAT breadth requirement) or MATH 8100 (OR breadth requirement)

**Spring:**

(a) MATH 8220
(b) MATH 8520
(c) MATH 8600 (Computation breadth requirement)

**Summer 1:**

(a) MATH 8530 or MATH 8100 (OR breadth requirement)

**Summer 2:**

(a) MATH 8030 (if you took MATH 8000, OR/STAT breadth requirement)

At this point if you have followed the plan you are ready to take the ADM and/or Analysis prelim. If you plan to continue on for a PhD, you can ask for permission to replace one of the summer courses with time to study
for a prelim to take at the end of the summer. Consult with your academic advisor about this possibility.

**Year 2**

**Fall:**

(a) MATH 8230  
(b) MATH 8580  
(c) Final breadth course/MATH 8530/Elective

**Spring:**

(a) MATH 9510  
(b) Elective  
(c) Elective