



**MATH & NATURAL SCIENCE SEMINAR READING LIST – FALL /SPRING**  
**Monday and Thursday 7:30 – 9:30 PM**

*The reading assignment for the first seminar should be completed before the first class meeting.*

**WEEK ONE**

1. Lucretius: *On the Nature of Things*, Book I; II; III 1 – 580
2. *On the Nature of Things*, Book III 581 – end; IV; V 1 – 235, 771 – end; VI 1 – 95, 1090 – end

**WEEK TWO**

3. Plato: *Timaeus*, to 58c  
Ptolemy: “The System of the World” (Photocopies are available in the bookstore.)
4. Aristotle: *Physics*, Book I 184a9 – 184b14, 189b30 – 192b7; II 192b8 – 195b30

**WEEK THREE**

5. *Physics*, Book II 195b31 – 200b11; III 200b12 – 202b29
6. *Physics*, Book III 202b30 – 208a25; IV 208a28 – 213a10

**WEEK FOUR**

7. *Physics*, Book IV 213a11 – 224a17
8. *Physics*, Book VIII 250b11 – 260a19, 265a13 – 267b27

**WEEK FIVE**

9. Ptolemy: *Almagest*, Book I 1 – 8; Book III 3 (up to and including two hypotheses figures)
10. Galileo: *Dialogue on the Two Chief World Systems*, “Author’s Dedication,” “To the Reader,” & “The First Day” (through page 68 in the University of California edition, through page 78 in the Modern Library edition)

**WEEK SIX**

11. *Dialogue on the Two Chief World Systems*, “The First Day” & “The Second Day” (University of California pages 68 – 131, Modern Library pages 78 – top of 153)
12. *Dialogue on the Two Chief World Systems*, “The Second Day” (University of California pages 131 – 188, Modern Library pages 153 – top of 219)

**WEEK SEVEN**

13. Darwin: *On the Origin of Species*, “An Historical Sketch”, Introduction, and Chapters I – III (Make sure the edition you acquire uses the text of Darwin’s First Edition, e.g. the Penguin.)
14. *On the Origin of Species*, Chapters IV & XIV

**WEEK EIGHT**

15. Freud: “Note on a Case of Obsessional Neurosis [the Rat Man]” in *Three Case Histories*
16. Freud: “A Note on the Unconscious in Psychoanalysis,” “On Narcissism: An Introduction” & “Mourning and Melancholia” in *General Psychological Theory*



ST JOHN'S  
College  
GRADUATE INSTITUTE

# Mathematics Natural Science &

## MATH & NATURAL SCIENCE TUTORIAL READING LIST – FALL / SPRING

Monday and Thursday 5:00 – 6:15 PM

*The reading assignment for the first tutorial should be completed before the first class meeting.*

**FIRST ASSIGNMENT:** Euclid's *Elements*, Book I: Definitions, Postulates, and Common Notions  
(*Future daily assignments will be made by the tutor.*)

### WEEKS ONE-EIGHT (16 MEETINGS)

Euclid: *Elements*, Book I

### WEEKS NINE-SIXTEEN (16 MEETINGS)

Lobachevski: *The Theory of Parallels*, selections  
(Photocopies are available in the bookstore; it is also included in final appendix of Bonola's *Non-Euclidean Geometry*, Dover.)