



MATHEMATICS & NATURAL SCIENCE SEMINAR READING LIST (SUMMER)

St. John's College | Annapolis, MD

Note: When considering which editions or translations to use, you may wish to consult the notebook kept in the college bookstore, with tutors' comments on different editions and translations of program texts. In any case, wherever possible, use editions with line numbers.

	Author	Title	Reading
1.	Lucretius	<i>On the Nature of Things</i>	I–III
2.	Lucretius	<i>On the Nature of Things</i>	IV–VI
3.	Plato	<i>Timaeus</i>	Beginning–57d
4.	Aristotle	<i>Physics</i>	Book I, Chapter 1 (184a10–184b14); Book II (192b9–200b7)
5.	Aristotle	<i>Physics</i>	Book III, Chapters 1–3 (200b8–202b27); Book IV, Chapters 10–14 (217b29–224a17)
6.	Aristotle	<i>Physics</i>	Book IV, Chapters 1–5 (208a27–213a10), 8 (214b11–216b20); Book III, Chapters 4–6 (202b30–207a31)
7.	Aristotle	<i>Physics</i>	Book VIII, Chapters 1 (250b9–252b7), 4–7 (254b7–261b26), 9–10 (265a13–267b26)
8.	Bacon	<i>The New Organon</i>	Book I, Aphorisms 73–75, 80–84, 88, 92–106, 115–130; Book II, Aphorisms 1–10, 11 (first paragraph), 12 (first two paragraphs), 13 (first paragraph), 14–20, 52
9.	Descartes	<i>Discourse on Method</i>	I–IV
10.	Descartes	<i>Discourse on Method</i>	V–VI
11.	Newton	<i>Principia</i>	Preface (to the 1st Edition); Definitions; Scholium (on Space and Time); and Laws of Motion (up to Corollaries) (that is, Donahue Xerox, pp. 3–31)
12.	Darwin	<i>The Origin of Species</i> , First Edition	Introduction; I–III; IV, first section on Natural Selection (Penguin Edition only, pp. 65–136, ISBN 978 0-14-043205-3) Illustrations to Accompany the Reading of Darwin (available in the St. John's Bookstore)
13.	Darwin	<i>The Origin of Species</i>	IV, XIV
14.	Jung	“The 1912 Lectures on the Theory of Psychoanalysis”	Lectures 1–5
15.	Jung	“The 1912 Lectures on the Theory of Psychoanalysis”	Lectures 6–9

The numbers in parentheses for Aristotle's *Physics* readings are marginal line numbers derived from Immanuel Bekker's Berlin Edition; they are called “Bekker numbers” and appear in many editions.

The Jung lectures can be found in a volume titled *Jung contra Freud*, excerpted from Volume 4, Part 2 of the Princeton edition of the Collected Works of C.G. Jung.



MATHEMATICS & NATURAL SCIENCE TUTORIAL READING LIST (SUMMER)

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Note: The suggested texts are the Green Lion edition of Euclid's Elements, and "Selections from Nikolai Lobachevski's Theory of Parallels" (the GI math manual), both available in the college bookstore. Please check with your tutor about class assignments rather than relying on this schedule, as different classes may take slightly different paths through this material.

	Author	Title	Reading
1.	Euclid	<i>Elements</i>	Book I, Definitions 1–10
2.	Euclid	<i>Elements</i>	Book I, Definitions 11–23
3.	Euclid	<i>Elements</i>	Book I, Postulates and Common Notions
4.	Euclid	<i>Elements</i>	Book I, Propositions 1–3
5.	Euclid	<i>Elements</i>	Book I, Propositions 4–5
6.	Euclid	<i>Elements</i>	Book I, Propositions 6–8
7.	Euclid	<i>Elements</i>	Book I, Propositions 9–12
8.	Euclid	<i>Elements</i>	Book I, Propositions 13–16
9.	Euclid	<i>Elements</i>	Book I, Propositions 17–20
10.	Euclid	<i>Elements</i>	Book I, Propositions 21–24
11.	Euclid	<i>Elements</i>	Book I, Propositions 25–26
12.	Euclid	<i>Elements</i>	Book I, Propositions 27–30
13.	Euclid	<i>Elements</i>	Book I, Propositions 31–34
14.	Euclid	<i>Elements</i>	Book I, Propositions 35–38
15.	Euclid	<i>Elements</i>	Book I, Propositions 39–43
16.	Euclid	<i>Elements</i>	Book I, Propositions 44–46
17.	Euclid	<i>Elements</i>	Book I, Propositions 47–48
18.	Lobachevski	<i>Theory of Parallels</i>	Theorems 1–10
19.	Lobachevski	<i>Theory of Parallels</i>	Theorem 16
20.	Lobachevski	<i>Theory of Parallels</i>	Theorems 17–18
21.	Lobachevski	<i>Theory of Parallels</i>	Theorems 19–20
22.	Lobachevski	<i>Theory of Parallels</i>	Theorems 21–22
23.	Lobachevski	<i>Theory of Parallels</i>	Theorem 23
24.	Lobachevski	<i>Theory of Parallels</i>	Theorem 24
25.	Lobachevski	<i>Theory of Parallels</i>	Theorem 25
26.	Lobachevski	<i>Theory of Parallels</i>	Selections from manual
27.	Lobachevski	<i>Theory of Parallels</i>	Theorems 31–32
28.	Lobachevski	<i>Theory of Parallels</i>	Selections from manual
29.	Lobachevski	<i>Theory of Parallels</i>	Selections from manual

Revision Dates: 3/8/95, 12/6/04, 2/13/20