



MATHEMATICS & NATURAL SCIENCE SEMINAR READING LIST

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>	“The Great Instauration” and Preface (Open Court, pp. 3–41; Library of Liberal Arts, pp. 3–37) Book I, Aphorisms 1–70
9.	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
10.	Descartes	<i>Discourse on Method</i>	I–IV
11.	Descartes	<i>Discourse on Method</i>	V–VI
12.	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)
13.	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)
14.	Darwin	<i>The Origin of Species</i>	IV, XIV
15.	Jung	“The 1912 Lectures on the Theory of Psychoanalysis”	Lectures 1–5
16.	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

St. John's College | Annapolis, Maryland

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.	Euclid	<i>Elements</i>	Book I, Definitions, Postulates, & Common Notions
2.	Euclid	<i>Elements</i>	Book I, Definitions, Postulates, & Common Notions
3.	Euclid	<i>Elements</i>	Book I, Definitions, Postulates, & Common Notions
4.	Euclid	<i>Elements</i>	Book I, Propositions 1, 2; construction of isosceles and scalene triangles
5.	Euclid	<i>Elements</i>	Book I, Propositions 3–5
6.	Euclid	<i>Elements</i>	Book I, Propositions 6–9
7.	Euclid	<i>Elements</i>	Book I, Propositions 10–12
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 25–27
12.	Euclid	<i>Elements</i>	Book I, Propositions 28–30
13.	Euclid	<i>Elements</i>	Book I, Propositions 31–34
14.	Euclid	<i>Elements</i>	Book I, Propositions 35–39
15.	Euclid	<i>Elements</i>	Book I, Propositions 40–43
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>	Definitions 1-10
19.	Lobachevski	<i>Theory of Parallels</i>	Proposition 16
20.	Lobachevski	<i>Theory of Parallels</i>	Proposition 16
21.	Lobachevski	<i>Theory of Parallels</i>	Propositions 17, 18
22.	Lobachevski	<i>Theory of Parallels</i>	Propositions 18, 19
23.	Lobachevski	<i>Theory of Parallels</i>	Propositions 19, 20
24.	Lobachevski	<i>Theory of Parallels</i>	Propositions 21, 22
25.	Lobachevski	<i>Theory of Parallels</i>	Propositions 23, 24

Classes 26–32 are on selections from the GI Mathematics Manual, “Selections from Nikolai Lobachevski’s *Theory of Parallels*,” available at the college bookstore.

Revision Dates: 3/8/95, 12/6/04, 10/6/23