Part I Reading Lists

*Required Readings

**Literary Texts Relevant to Field**

*Abbott, Edward. *Flatland*

*Eliot, George. *Middlemarch*

*Hawthorne, Nathaniel. “Rappacini’s Daughter.”*

*Lem, Stanislaw. *The Cyberiad*

*Pynchon, Thomas. *Gravity’s Rainbow*

*Swift, Jonathan. *Gulliver’s Travels*

**Theoretical Texts Relevant to Field**

*Bacon. *New Organon*

*Beer, Gillian. *Darwin’s Plots*

*Darwin, Charles. *On the Origin of the Species*

*Foucault, Michel. *The Birth of the Clinic, The History of Sexuality, vol. 1*

*Galison, Peter. *How Experimenters End*

*Gilman, Sandra. *Disease and Representation*

*Haraway, Donna. *Simians, Cyborgs, and Women, Primate Visions*


*Hayles, Katherine. *Chaos Bound*

*Hutchins, Edwin. *Cognition in the Wild*

*Jones, James. *Bad Blood*
*Keller, Evelyn Fox. *Reflections of Gender and Science*

*Kuhn, Thomas. *The Structure of Scientific Revolutions* (3rd ed.), *The Copernican Revolution*

*Latour, Bruno. *Science in Action*

*Martin, Emily. *The Woman in the Body*

*Myers, Greg. *Writing Biology*

*Prigogine, Ilya and Isabel Stengers. *Order Out of Chaos*

*Rotman, Brian. *Signifying Nothing*

*Schrödinger, Erwin. *What Is Life?*

*Serres, Michel. *Hermes*

*Shapin, Steven and Simon Schaffer. *Leviathan and the Air Pump*

*Traweek, Sharon. *Beamtimes and Lifetimes*

**For Further Reading**

**Literary Texts Relevant to Field**

*Adams, Henry. *The Education of Henry Adams*

*Bellamy, Edward. *Looking Backward*


*Butler, Samuel. *Erewhon*

*DeLillo, Don. *White Noise*

*Dick, Philip. *Do Androids Dream of Electric Sheep?*

*Gibson, William. *Neuromancer*

*Gilman, Charlotte. *Herland*

*Goethe, Johann Wolfgang von. *Elective Affinities*
Greene, Robert.  *Friar Bacon and Friar Bungay*

James, Henry.  *The Turn of the Screw*

Kesey, Ken.  *One Flew over the Cuckoo’s Nest*

Lem, Stanislaw.  *Solaris, His Master’s Voice*

Lightman, Alan.  *Einstein’s Dreams*

Marlowe, Philip.  *Doctor Faustus*

Merrill, James.  *Changing Light at Sandover*

Powers, Richard.  *The Goldbug Variations, Galatea 2.2*


Shakespeare, William.  *The Tempest*

Shelley, Mary.  *The Last Man*

Stoppard, Tom.  *Arcadia, Hapgood*

Swift, Jonathan.  *Tale of a Tub*

Twain, Mark.  *A Connecticut Yankee in King Arthur’s Court*

Vonnegut, Kurt.  *Cat’s Cradle, Player Piano*

**Theoretical Texts Relevant to Field**

Bateson, Gregory.  *Steps to an Ecology of Mind*

Baudrillard, Jean.  *The Political Economy of the Sign, Simulations*

Blumenberg, Hans.  *The Genesis of the Copernican World*

Bordo, Susan.  *The Flight to Objectivity*

Burton, Robert.  *Anatomy of Melancholy*

Burwick, Fred.  *The Damnation of Newton: Goethe’s Color Theory and Romantic Perception*

Cronan, William.  *Uncommon Ground*
Crary, Jonathan.  *Techniques of the Observer*

Deleuze, Gilles.  *Chaosmos*

Deleuze, Gilles and Felix Guattari.  *Thousand Plateaus, Capitalism and Schizophrenia*

Einstein, Albert.  *Ideas and Opinions*

Fausto-Sterling, Anne.  *Myths of Gender*

Foucault, Michel.  * Madness and Civilization, The Order of Things, Discipline and Punishment*

Freud.  *The Interpretation of Dreams*

Gossett, Thomas.  *Race: The History of an Idea in America*

Gould, Stephen Jay.  *The Mismeasure of Man*

Harding, Sandra and Hintikka.  *Discovering Reality*

Hartouni, Valerie.  *Cultural Conceptions*

Hawking, Stephen.  *A Brief History of Time*

Hayles, Katherine.  *Chaos and Order, The Cosmic Web*

Heisenberg, Werner.  *Physics and Philosophy*

Hess, David.  *Science and Technology in a Multicultural World*

Keller, Evelyn Fox.  *Secrets of Life, Secrets of Death*

Kern, Stephen.  *The Culture of Time and Space*

Laqueur, Thomas.  *Making Sex*

Latour, Bruno.  *We Have Never Been Modern, The Pasteurization of France*

Latour, Bruno and Stephen Woolgar.  *Laboratory Life*

Lyotard, Jean-Francois.  *The Postmodern Condition*

Martin, Emily.  *Flexible Bodies*

Merchant, Carolyn.  *The Death of Nature*
Needham, Joseph. *Chinese Science*

Neubauer, John. *Bifocal Vision: Novalis’s Philosophy of Nature and Disease*

Oudshoorn, Nelly. *Beyond the Natural Body*

Porter, Roy. *Disease, Medicine, and Society in England, 1550-1860*

Rosario, Vernon. *Science and Homosexualities*

Russett, Cynthia. *Sexual Science*

Rotman, Brian. *Ad Infinitum*

Seltzer, Mark. *Bodies and Machines*

Schiebinger, Londa. *Nature’s Body*

Stafford, Barbara. *Artful Science*

Whorf, Benjamin. *Language, Thought, and Reality*

Wiener, Norbert. *The Human Use of Human Beings*

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