

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*
- *Shelley, Mary. *Frankenstein*
- *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*
- *Harding, Sandra. *The Science Question in Feminism, Whose Science? Whose Knowledge?*
- *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*

Borges, Jorge. "The Garden of the Forking Paths," "Library of Babel"

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*

Pynchon, Thomas. *V, The Crying of Lot 49, "Entropy"*

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*

Liotard, 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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