

Gallatin Undergraduate Rationale: The creation of Artificial Intelligence

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What is AI? How is it Potrayed & developed of AI in books, media, and research?
Intelligence testing & factors of intelligence for intelligent machines
Conscience, desire, rationality, intuition, common sense, and their relation to intelligence
Methods of quantification for a thinking or intelligence machines
Superintelligence vs intelligence
Embedding of AI into our social structure
Impacts of the creation

Booklist

Ancient, Medieval and Renaissance Classics

At least seven works produced before the mid-1600s.

- Sidereus Nuncius – Galileo Galilei
- The Discourse on Method – Rene Descartes
- The Republic – Plato
- Bhagavad Gita – Sage Vyasa
- Utopia – Thomas More

Modernity—The Humanities

At least four works, produced after the mid-1600s, in Humanities disciplines such as Literature, Philosophy, History, the Arts, Critical Theory and Religion.

- Treatise of Human Nature – David Hume

Modernity—The Social and Natural Sciences

At least four nonfiction works, produced after the mid-1600s, in the Natural Sciences and Social Science disciplines such as Political Science, Economics, Psychology, Anthropology, and Sociology.

- An Enquiry of Human Understanding – David Hume
- On the Origins of Species – Charles Darwin
- The Descent of Man – Charles Darwin
- On Natural Selection – Charles Darwin
- Computing Machinery and Intelligence – A. M. Turing
- Hackers – Steven Levy
- The Bell Curve – Richard J. Herrnstein and Charles Murray

Area of Concentration

At least five additional works representing the student's area or areas of concentration; students whose area of concentration already appears among the above categories may simply choose five additional works from these categories.

- Godel, Escher, Bach – Douglas R. Hofstadter

- The Human Brain – Susan Greenfield
- On Intelligence – Jeff Hawkins
- Superintelligence: Paths, Dangers, and Strategies – Nick Bostrom
- Artificial Intelligence: A Modern Approach – Stuart Russell and Peter Norvig
- The Big Test: The Secret History of the American Meritocracy – Nicholas Lemann
- Dataclysm: Who We Are – Christian Rudder
- The Singularity Is Near – Ray Kurzweil