

THE HARVEY MUDD COLLEGE CORE CURRICULUM IS DESIGNED TO:

- Nurture intellectual curiosity and joy of learning.
Students will be able to:
 1. Explore the beauty, power, and promise found in our core disciplines.
 2. Develop habits and skills that help manage academic challenges with resilience and confidence.
 3. Collaborate effectively as part of a team.
 4. Communicate clearly and appropriately to a variety of audiences through multiple formats (e. g. , oral, written, visual).
 5. Engage in informed creation and analysis in the Humanities, Social Sciences, and the Arts.

- Provide foundational knowledge and skills needed for further study in STEM disciplines.
Students will be able to:
 1. Demonstrate an understanding of foundational scientific skills.
 2. Use modes of thinking, analytical and/or experimental skills, and methods within a particular discipline.
 3. Apply knowledge, modes of thinking, analytical and/or experimental skills, and methods across disciplines to solve problems.

- Engage students in thinking critically about consequential problems and complex issues.
Students will be able to:
 1. Explore the historical and contemporary relationships between science and society.
 2. Appreciate how personal and professional actions impact the world.
 3. Analyze or construct arguments, considering underlying assumptions and potential counterarguments where appropriate.
 4. Reflect on the moral, ethical, and social implications of their work.