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| **DEPARTMENT** | **FALL** | **SPRING** |
| Math | Game Theory and Rationality  Modern Geometries  Statistical Exploration and Description  Number Theory  Discrete Mathematics  Multi-variable Calculus  Linear Algebra  Advanced Topics in Mathematics | Modern Geometries  Statistical Experimentation and Inference  Number Theory  Discrete Mathematics  Multi-variable Calculus  Theory of Analysis  Differential Equations Advanced Topics in Mathematics |
| Computer Science (Math) | Object-Oriented Programming  Web Technologies  Microcontroller Applications (Math)  CS Seminar: Machine Learning | Object-Oriented Programming  Web Technologies  Advanced Programming  Advanced Web Technologies  CS Seminar: UNIX/Linux and Cybersecurity |
| Science | Advanced Chemistry – Structure and Properties  Survey of Organic Chemistry  Organic Chemistry I  Biochemistry  Environmental Chemistry  Medicinal Chemistry  Microcontroller Applications (Science)  Geology  Physics: Sound and Light  Physics: Calculus-Based Mechanics  Planetary Science  Modern Physics  Engineering  Biophysics  Computational Science  Evolution, Biodiversity, and Ecology Cancer Biology  Microbes and Disease  Pathophysiology  Biology of Behavior | Advanced Chemistry – Chemical Reactions  Organic Chemistry II  Biochemistry  Environmental Chemistry  Medicinal Chemistry  Geology  Physics: Sound and Light  Physics: Calculus-Based Electricity and Magnetism  Planetary Science  Modern Physics  Engineering  Biophysics  Computational Science  Evolution, Biodiversity, and Ecology  Cancer Biology  Microbes and Disease  Pathophysiology  Biology of Behavior |
| English | Shakespeare  Gender Studies  Tolkien: Language and Literature  Rhetoric and Communication: Science  The Idea of the Individual | Creative Writing Workshop  Modern Theater  Modern World Fiction  Digital Literary Studies  Graphic Novels: Image and Text  Speculative Fiction Studies  Victorian Fiction |
| Social Science | Ancient World Religion and Philosophy  Conflict in World History  Political Theory  Modern Economics  African-American Studies (History focus)  Modern Genocide and Mass Violence  History of the Environment | America in the Contemporary World  A History of Biology  A History of Technology and Culture  United States Government and the Constitution |
| Wellness (all Wellness classes are listed as “Fall or Spring” in the course catalog) | Net and Wall Games  Wellness in the Water  Outdoor and Indoor Games  Stress Management for Life  Dance  Movement and Relaxation | |
| Fine Arts | Music Theory  Digital Photography  Scientific Illustration  3D Design Foundations | Music Appreciation  Art and Design  Observational Drawing  Printmaking |

The below courses are either not being offered in 2019-20 or have been cancelled due to the teacher leaving:

Math

* Problem Solving
* Advanced Problem Solving
* Graph Theory with Applications
* Mathematical Modeling
* Abstract Algebra

Computer Science

* CS Seminar: Android Apps Development

Social Science

* Historic Global Commodities and Culture
* Art, Architecture, and Worldview
* A History of Astronomy

Fine Arts

* Art and Technology