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| **DEPARTMENT** | **FALL** | **SPRING** |
| Math | Game Theory and RationalityModern GeometriesStatistical Exploration and DescriptionNumber TheoryDiscrete MathematicsMulti-variable CalculusLinear AlgebraAdvanced Topics in Mathematics | Modern GeometriesStatistical Experimentation and InferenceNumber TheoryDiscrete MathematicsMulti-variable CalculusTheory of AnalysisDifferential EquationsAdvanced Topics in Mathematics |
| Computer Science (Math) | Object-Oriented ProgrammingWeb TechnologiesMicrocontroller Applications (Math)CS Seminar: Machine Learning | Object-Oriented ProgrammingWeb TechnologiesAdvanced ProgrammingAdvanced Web TechnologiesCS Seminar: UNIX/Linux and Cybersecurity |
| Science | Advanced Chemistry – Structure and PropertiesSurvey of Organic ChemistryOrganic Chemistry IBiochemistryEnvironmental ChemistryMedicinal ChemistryMicrocontroller Applications (Science)GeologyPhysics: Sound and LightPhysics: Calculus-Based MechanicsPlanetary ScienceModern PhysicsEngineeringBiophysicsComputational ScienceEvolution, Biodiversity, and EcologyCancer BiologyMicrobes and DiseasePathophysiologyBiology of Behavior | Advanced Chemistry – Chemical ReactionsOrganic Chemistry IIBiochemistryEnvironmental ChemistryMedicinal ChemistryGeologyPhysics: Sound and LightPhysics: Calculus-Based Electricity and MagnetismPlanetary ScienceModern PhysicsEngineeringBiophysicsComputational ScienceEvolution, Biodiversity, and EcologyCancer BiologyMicrobes and DiseasePathophysiologyBiology of Behavior |
| English | ShakespeareGender StudiesTolkien: Language and LiteratureRhetoric and Communication: ScienceThe Idea of the Individual | Creative Writing WorkshopModern TheaterModern World FictionDigital Literary StudiesGraphic Novels: Image and TextSpeculative Fiction StudiesVictorian Fiction |
| Social Science | Ancient World Religion and PhilosophyConflict in World HistoryPolitical TheoryModern EconomicsAfrican-American Studies (History focus)Modern Genocide and Mass ViolenceHistory of the Environment | America in the Contemporary WorldA History of BiologyA History of Technology and CultureUnited States Government and the Constitution |
| Wellness (all Wellness classes are listed as “Fall or Spring” in the course catalog) | Net and Wall GamesWellness in the WaterOutdoor and Indoor GamesStress Management for LifeDanceMovement and Relaxation |
| Fine Arts | Music TheoryDigital PhotographyScientific Illustration3D Design Foundations | Music AppreciationArt and DesignObservational DrawingPrintmaking |

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