LGHS – SCIENCE COURSE SEQUENCE CHART & PREREQUISITES

High School Graduation Science Requirements:

Must pass 2 years

Minimum College Eligibility Science Requirement for Most 4 Year Colleges:

Must earn C's or higher in 2 years of college preparatory lab science courses

HIGH SCHOOL COURSES P-COLLEGE PREPARATORY SCIENCE LAB COURSES * P-Earth/Space Science P-Biology H P-Biology (Grades 9 - 12) (Grade 9 only) (Grades 9 - 12) (Meets 1 year of high school Eighth Grade Performance Criteria: Pass Earth/Space Science physical science requirement) OR-B- or higher in Algebra 1 (C- or higher recommended) B or higher in eighth grade science Los Gatos High School Performance Criteria: B- or higher in 8th grade science Minimum score of 25/40 on multiple choice portion of the Biology Honors Placement exam Minimum score of 3/5 on essay portion of Bio H placement exam SCIENCE ELECTIVES P-Chemistry in the Community (Grades 10 -12) P-Chemistry Pass Algebra 1 (Grades 10 - 12) * P-Advanced Science Research 1,2,3 Enrolled in Geometry or higher OR-Enrolled in Algebra 2 or higher (Grades 10 - 12) Pass Biology B- or higher in Algebra 1 and Geometry B- or higher in current science course (C- or higher in Biology or Biology H recommended) B- or higher in Biology or Biology H Concurrent enrollment in one other science course Completion of three years of a lab science course P-Physics P-Physics C: Mechanics AP (Grades 11 - 12) (Grades 11 - 12) * P-Agroecology 1,2 B- or higher in Algebra 1 or Algebra 2 OR-Completion or concurrent enrollment in Trig or Trig/Pre-Calculus H (Grades 10 - 12) Completion of Geometry B- or higher in Chemistry or A- or higher in Chem-Com Passing grade in any high school science course Enrolled in Algebra 2 or higher Students who have taken Physics: B- or higher C- or higher in Chem-Com or Chemistry AND/OR P-Biology AP P-Environmental Science AP (Grades 11 - 12) (Grades 11 - 12) B- or higher in Chemistry and completion A- or higher in Chem-Com or P-Chemistry AP or concurrent enrollment in (Grades 11 - 12) C- or higher in Chemistry Physics or Physics AP B- or higher in Chemistry and completion or concurrent Completion or concurrent enrollment in enrollment in Physics A- or higher in Chem-Com and Physics, Trig or Trig/Pre-Calculus H completion or concurrent enrollment in * Meets UC and CSU elective standard

Physics

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