Regular Upper Division Science Elective Courses Comparisons & Workload

	Forensic Science	Human Anatomy & Physiology	Marine Biology	Nutritional Science & Fitness	Physics in the Universe
Content *What will they learn about?* *Highlight the key concepts for your course*	***Core Units*** ● How to investigate a crime scene ● Fingerprinting ● Blood and blood spatter ● Forensic anthropology (bones) ● Criminal Psychology & Profiling ***Other units can include:*** ● Drugs & Toxicology ● Handwriting ● Impression Evidence ● DNA & Molecular Biology *Units are selected based on student interest*	***Core Units*** ● Organization of the Body ● Chemistry of Life & Cells ● Histology (Tissue) & Integumentary(Skin) ● **Communication:** Nervous & Endocrine ● **Movement:** Skeletal & Muscular ● **Circulation:** Cardiovascular & Lymphatic ● **Metabolism:** Digestive/Urinary/ Respiratory ● **Reproductive System**	***Core Units*** ● Intro to the ocean: Seafloor and seawater ● Marine Plants ● Marine Invertebrates ● Marine Fish ● Marine Mammals, Birds, and Reptiles ● Marine Ecology	**Core Units**: ● Introduction to the Science of Nutrition ● Nutrition Tools ● Carbohydrates ● Lipids ● Proteins ● Vitamins, Minerals and water ● Energy Balance and Maintaining Body Weight ● Life Cycle Nutrition ● Proper Fitness ● Body Positivity, Eating Disorders and Fad Diets	Units: ● Astronomy ● Nuclear Physics & Earth's History ● Motion & Forces ● Circular Motion & Gravitation ● Momentum & Energy ● Waves & Information Technology ● Electrostatics ● Electricity & Magnetism
Time Commitment *___ hours daily of homework*	Varies. Usually about 0-20min/night. Using your time wisely in class decreases your	Varies. Usually about 0-20min/night. Using your time wisely in class decreases your	Varies. Usually about 0-20min/night. Using your time wisely in class	Varies. Usually about 0-20min/night. Using your time wisely in class decreases your	Varies. Usually about 0-45min/night Practice problems Reading/Notetaking

What does that work generally consist of?	HW Projects Studying for tests Finishing work	HW Projects Studying for tests Finishing work	decreases your HW Projects Studying for tests Finishing work	HW Lab activities, worksheets, projects, group work	Projects Lab write ups Studying for test
Pacing *How fast do you go?* *How often will they have major assessments?*	Units are about 6-8 weeks long Major Assessments are at the end of each unit. Unit Exams and Projects are counted as major assessments.	Units are about 4-6 weeks long Major Assessments are at the end of each unit. Unit Exams and Projects are counted as major assessments.	Units are about 4-6 weeks long Major Assessments are at the end of each unit. Unit Exams and Projects are counted as major assessments.	Units are about 3-4 weeks long. Quizzes every other week with a unit exam at the end. Some units will end with a cumulative project that counts as an assessment.	Units are about 3-4 weeks long Major assessments are at the end of each unit. Unit exams, projects, one-page write-ups are counted as major assessments.
Expectations	*In a non covid year:* Register for Chabot Community College to receive college credit based on student performance in my class	Students should be able to demonstrate critical thinking skills by completing assignments to the best of their ability as well as answer questions in tests/assessments based on concepts discussed in class		To maximize the most out of this class it is imperative that students stay on top of their work.	Students should be able to demonstrate critical thinking skills, answer questions in tests/assessments based on concepts discussed in class
Prerequisites to Enroll in the Course	Completion of Biology & the Living Earth **AND** Chemistry in the Earth System **OR** Physics in the Universe	Completion of Biology & the Living Earth **AND** Chemistry in the Earth System	Completion of Biology & the Living Earth **AND** Chemistry in the Earth System **OR** Physics in the Universe	Completion of Biology & the Living Earth **AND** Chemistry in the Earth System	Completion of Geometry