Marine Program & Catalog Changes:

Change Program Name to Marine & Environmental Science

\*only concern is that environmental science is a broad field and also generally involves ethics, social science, politics…etc…

\* I would like to require Geology & Ecology (86 Ichthyology and 86 Marine Ecology)

 \*Do we prefer to run Conservation Science over Ecology, as transfer students must take upper division ecology?

MR 120 Marine Biology to be offered Fall & Spring semesters

MR 240 Oceanography to be offered Fall & Spring semesters

MR 201 Aquaculture: Change pre-requisite to require A “C” or better in MR 120 or SC 255 or consent of the instructor.

MR 210 Marine Ecology: Change pre-requisite to require a “C” or better in MR 120 or SC 255 or consent of the instructor.

**SC 110 Introduction to Ecology (3)**

Prerequisite: ES 089

Deals with survey of biological ecology with the distribution and abundance of organisms in relation to physical, physiological, population and community characteristics

**SC 210 Conservation Science (3)**

Prerequisite: ES 089

Conservation science is a response to the wave of global environmental change that threatens a large portion of the world's natural ecosystems. Basic principles of ecology and processes such as deforestation, species loss, land degradation, overpopulation, and global warming will form the framework for understanding conservation issues. Examination of cases linked to the Tropical Pacific Islands threatened ecosystems will illustrate practical applications of these theoretical notions

**SC 220 Introduction to Geology (3)**

Prerequisite: ES 089

Introduces the natural and physical environment: the landscape, rocks and minerals, rivers and oceans, volcanism, earthquakes and other processes inside the earth