



9. Projected enrollments (headcount of majors). If this is a program deletion request, project the teach out enrollments.

Year 1: 4

Year 2: 8

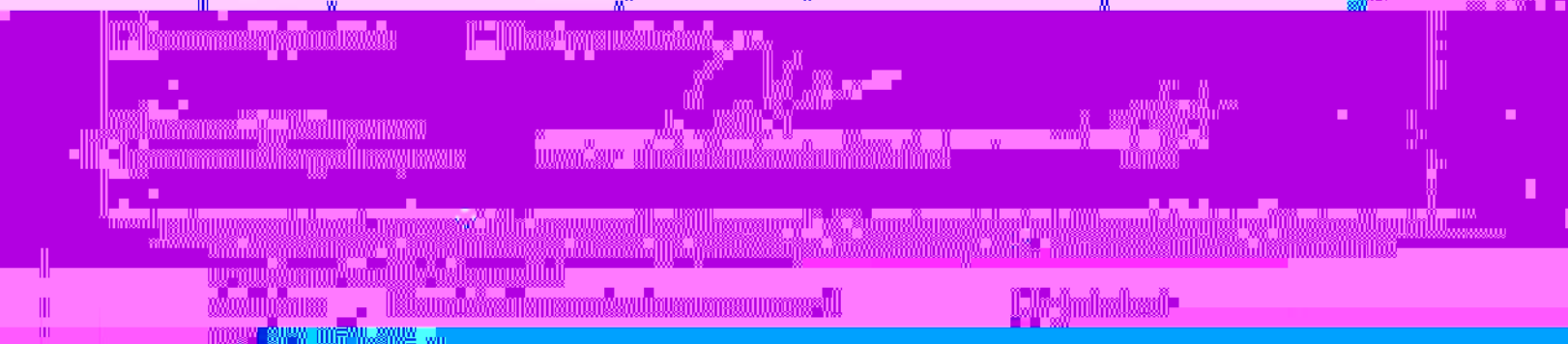
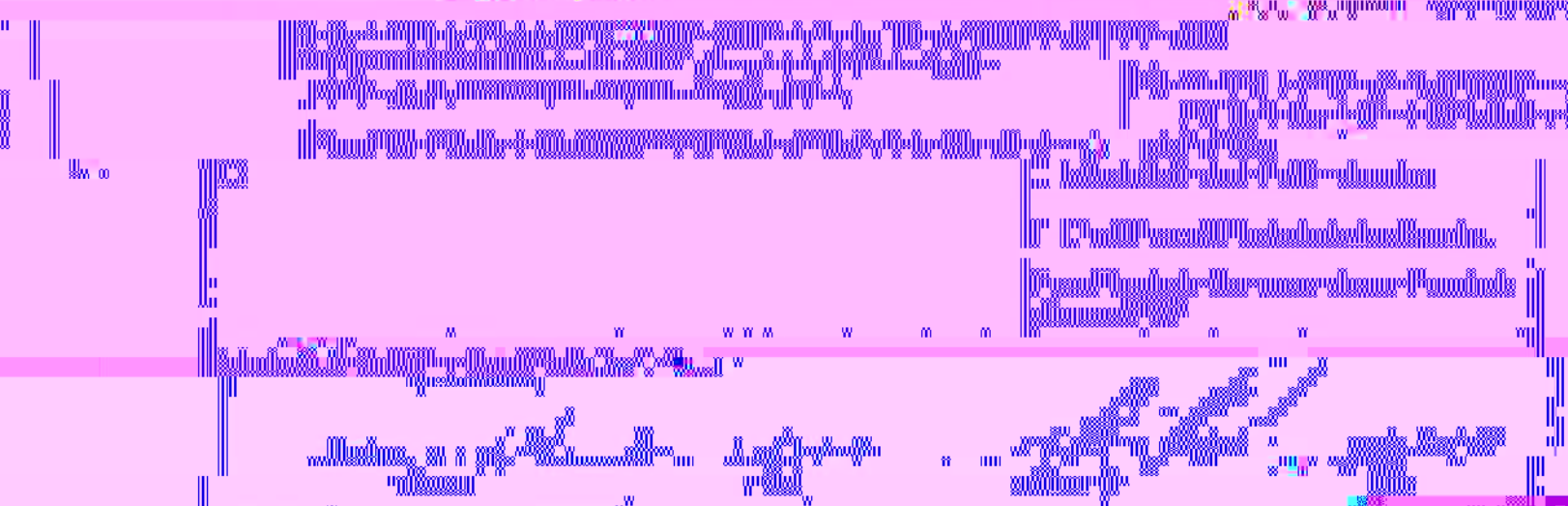
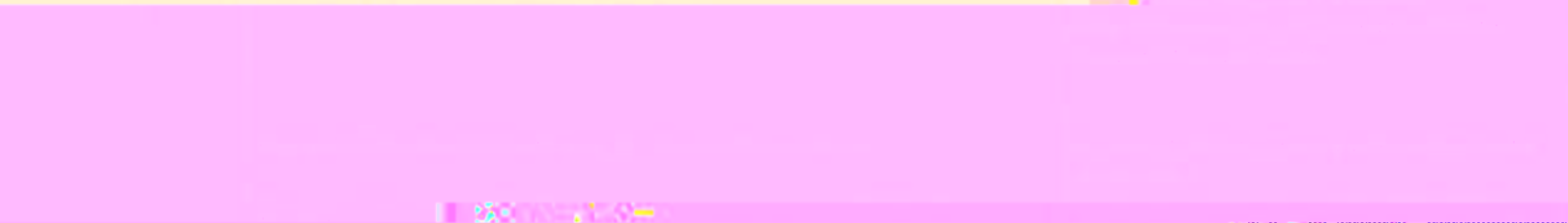
Year 3: 12

Year 4: 16

15. Aligns with Shaping Alaska's Future themes:

The MMS plan particularly aligns

16. Aligns with Academic Master Plan goals:





Alaska and elsewhere. For example, graduates would be qualified for entry-level positions in government agencies such as the U.S. Fish and Wildlife Service, U.S. Geological Survey, National Ocean and Atmospheric Administration, Bureau of Ocean Energy Management, and others. A student with an M.M.S. would have an academic advantage over those with undergraduate degrees in applying for these highly competitive positions.

The specific educational outcomes for graduates in the M.M.S. are:

- Have a graduate level understanding of marine biology and oceanography concepts;

• Have the ability to analyze and synthesize published scientific information.

- Have the ability to effectively communicate with other professionals and laypersons using written, oral, and technological skills;
- Have an appreciation for and understanding of the need for lifelong learning and developing professional skills.

We requested input from potential employers of graduates from the proposed program, and received encouraging responses:

**Relation of Program to other Programs within the UA System**

The M.M.S. is a graduate program in the UA System.

Thus, the M.M.S. should have minimal impacts on enrollment of other degree programs. The

Private Industries) by producing graduates well suited to fill many employment opportunities. The program will address aspects of Theme 5, Accountability to the People of Alaska, as it pertains to increasing net revenue generation.

Alignment with the UA Academic Master Plan:

The M.M.S. is well-aligned with Shaping Alaska's Future, particularly Goal 1: Educate students to become informed and responsible citizens, and Goal 4: Develop and enhance programs to

- **Maximum enrollment:** The maximum enrollment for this program is 30 students. At that point costs would increase due to the need for more sections or more frequent course offerings, since some courses would reach their enrollment caps.
- **Special restrictions on enrollment:** Similar to our M.S. degree, the admission standard for the M.M.S. degree program would be a minimum undergraduate GPA of 3.0 and GRE scores of at least the 55<sup>th</sup> percentile in two of the three areas (verbal, quantitative, and written).

### **Resource Impact**

No new resources are needed for this new degree program. All courses that are required for the

Additional students. CPO already has sufficient facilities and equipment, faculty, and access to