

Marine Studies Initiative

Update
Jan. 11, 2017

OSU Faculty Senate



Oregon State
University



Our Mission

Create a **healthy future** for our oceans and the planet
through **transdisciplinary research and teaching**
that emphasizes **collaboration, experiential learning,**
engagement with society and problem solving.

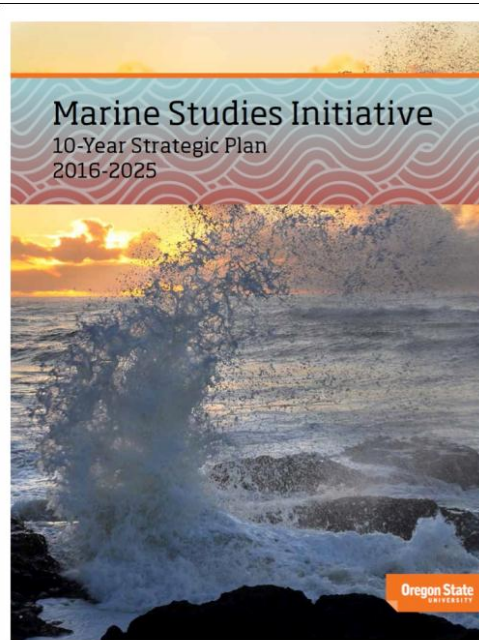
Life-support system - weather & climate – economic vitality – inspiration



Oregon State
University

University-wide, coast-wide

**2014-2015
scoping**



2016 Launch

**2026 Marine
Studies
program fully
established**



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Marine Studies Initiative faculty

2014-2015 Provost Initiative:

1. Geospatial Intelligence, Climate Change Adaptation, and Coastal Processes (CEOAS) – **Jamon Van Den Hoek**
2. Marine and Coastal Economics and Ecosystems Services (CAS) – **Steve Dundas**
3. Marine Evolutionary Systems Biology (COS) – **Felipe Barreto**
4. Marine Policy (CLA) – **Ana Spalding**

2015-2016

5. Marine Toxicology (EMT, CAS) – **Susanne Brander**



Jamon
Van Den Hoek



Steven
Dundas



Felipe
Barreto



Ana
Spalding



Susanne
Brander



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University-wide, coast-wide



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Jane
Lubchenco



Jack Barth



Bob Cowen



Kristen
Milligan



Maryann Bozza
(In memorium)



Eric Shueffner



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University-wide, coast-wide

500 students at Hatfield Marine Science Center
750 students in Corvallis

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Academics



Research



**Outreach,
Engagement and
Partnerships**

New building - Hatfield Marine Science Center

- Ground-breaking: Spring 2018
- Estimated completion: Fall 2019
- Vertical evacuation
- New faculty, students
- New dorms
- Fiber optic cable valley-coast



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Current & new programs for learning





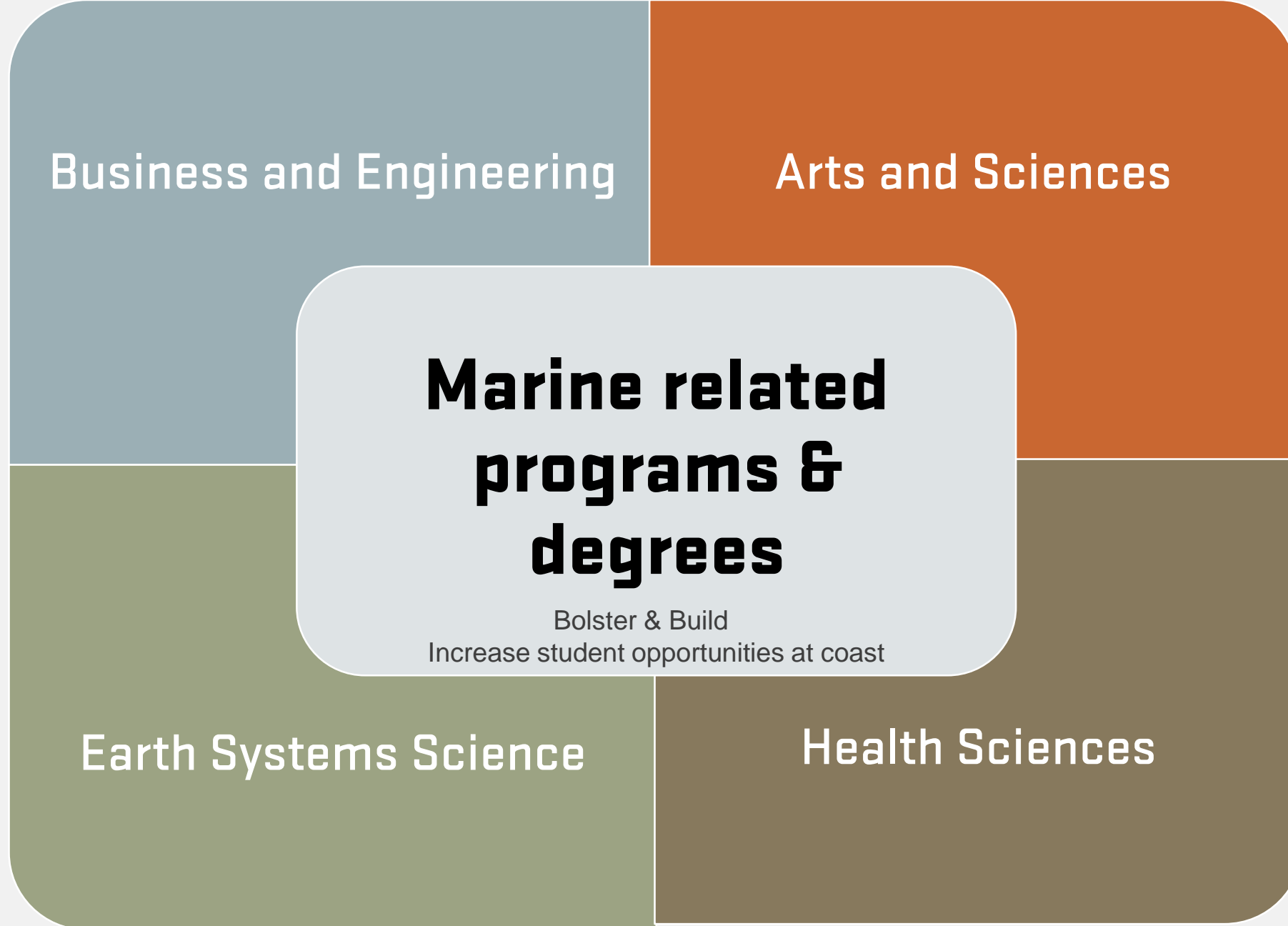
Enhance & Expand Existing

- Marine-related Degrees, Options, Minors, Certificates, Specializations (Graduate & Undergraduate)
- Bacc Core, Upper Division or Graduate Courses (with marine focus or case studies)
- K-12, Free Choice, Professional Development
- Pathways for community college students

New

- Undergraduate Marine Studies Major and Minor in College of Liberal Arts
- Courses
- Pathways for community college students





An “organizational hub for OSU marine degrees, courses, and educational opportunities & outreach”

Summer at the coast



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Everything is so hands-on here. I would do it all again in a heartbeat.

- David Fletcher, Marine Biology student

New programs at coast

Art 399/499
Photographic
Field Studies

1x per week
at HMSC in
summer
session 2

Kerry
Skarbakka
School Arts &
Communication

We are making art in a science
setting. It's totally new.
- Morgan Kollen, Photography student



Transdisciplinary Marine Studies major in College of Liberal Arts

social, political, and cultural issues of the coasts and ocean in the context of a meaningful understanding of marine natural science



- Targets: Fall 2018 (Minor), Fall 2019 (Major)

<http://leadership.oregonstate.edu/provost/initiatives/learning-goals-graduates-lggs-oregon-state-university>
<http://marinestudies.oregonstate.edu/marine-studies-major>

Faculty engagement for academic development

- Course development
- Early course delivery
- Classes @ HMSC
- MSI faculty positions



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marinestudies.oregonstate.edu