### Course Title
Ocean ESD Training

### Course number

### Instructors
Tsuyoshi Sasasaki

### Course
Course of Marine Policy and Management

### Specialization

### Credits
1

### Level / Year offered
Graduate degrees

### Type
Elective

### Start semester
Autumn 2017

### Location
Shinagawa Campus

### Teaching language
English

### Theme & Objectives
Learn the consensus building process essential for ocean management and facilitation skills of ocean literacy.

### Learning Outcomes

**Knowledge**
- Participate as a sub-leader in collaborative education project “Edo–Mae educational program for ocean learning (Edo–Mae ESD)” which various members of society think sustainable ocean and coast together, program development, knowledge sharing, experience sharing, and understanding sharing activities, while participants guidance and progress of discussion, the consensus building process essential for ocean management and the facility of ocean literacy. Learn taught skills.

**Skills**
- Instructional skills for Aquatic Marine Environmental Education

### Prerequisites
N

### Teaching activities and methods
Disussions and lecture

### Course Contents
1. **1st Lesson: Definition of Ocean ESD**
2. **Ocean ESD activity in Japan**
3. **Know–how making program and project**
4. **Introduction of concrete engagement 1**
5. **Introduction of concrete engagement 2**
6. **Introduction of concrete engagement 3**
7. **Introduction of concrete engagement 4**
8. **Making ESD program in Edo–Mae1**
9. **Making ESD program in Edo–Mae2**
10. **Making ESD program in Edo–Mae3**
11. **Making ESD program in Edo–Mae4**
12. **Conducting Ocean ESD activity1**
13. **Conducting Ocean ESD activity2**
14. **Conducting Ocean ESD activity3**
15. **Reflection**

### Recommended or Required self study
Theory and Practice of Aquatic Marine Environmental Education

### Workload Calculation

<table>
<thead>
<tr>
<th>Activities</th>
<th>Time (hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teaching hours in class</td>
<td>15</td>
</tr>
<tr>
<td>Contact hours (Laboratory time)</td>
<td>Wed. Lunch time</td>
</tr>
<tr>
<td>Preparation hours for presentation</td>
<td>15</td>
</tr>
<tr>
<td>Preparation hours for examination</td>
<td>5</td>
</tr>
<tr>
<td>Preparation hours before classes</td>
<td>5</td>
</tr>
<tr>
<td>Supervised Study</td>
<td>5</td>
</tr>
<tr>
<td>(Meeting with supervisor)</td>
<td>0</td>
</tr>
<tr>
<td>Participation in related seminars</td>
<td>0</td>
</tr>
<tr>
<td>Other laboratory Activities</td>
<td>0</td>
</tr>
<tr>
<td>Total Work Load</td>
<td>45</td>
</tr>
</tbody>
</table>

### Evaluation Criteria
- Attendence 2/3, active participation in class

### Assessment and Examinations
- Assessment and Examinations will be measured using Aquatic Marine Environmental Education Theory