1. What is this course about?
   1.1 Description
   Coastal geomorphology is the study of the shape, processes and evolution of coastal landforms. You will develop a practical understanding of coastal dynamics through a combination of theoretical conceptual models and fieldwork which examine the importance of coastal geomorphic forms and their management. The course examines the dynamics of the coastal zone, its physical workings and techniques to measure and monitor processes and change in the coastal environment; such as examining beach erosion and impacts of sea-level rise.

   1.2 Course topics
   - Coastal processes
   - Coastal landforms
   - Coastal features
   - Coastal change
   - Interactions between environments and society

2. What level is this course?
   300 level Graduate - Independent application of graduate knowledge and skills. Meets AQF and professional requirements. May require pre-requisites and developing level knowledge/skills. Normally taken in the 3rd or 4th year of an undergraduate program

3. What is the unit value of this course?
   12 units
4. **How does this course contribute to my learning?**

<table>
<thead>
<tr>
<th>Specific Learning Outcomes</th>
<th>Assessment Tasks</th>
<th>Graduate Qualities or Professional Standards mapping</th>
</tr>
</thead>
<tbody>
<tr>
<td>On successful completion of this course you should be able to:</td>
<td>You will be assessed on the learning outcome in task/s.</td>
<td>Completing these tasks successfully will contribute to you becoming:</td>
</tr>
<tr>
<td>Explain fundamental concepts of coastal geomorphology and apply them to different historical, local and global contexts</td>
<td>Task 1 Task 3</td>
<td>Knowledgeable</td>
</tr>
<tr>
<td>Interpret and analyse data to explain coastal dynamics and interactions between coastal geomorphic processes and humans.</td>
<td>Task 1 Task 3</td>
<td>Creative and critical thinkers</td>
</tr>
<tr>
<td>Reflect on sustainable strategies to mitigate coastal hazards</td>
<td>Task 1 Task 3</td>
<td>Sustainability focused</td>
</tr>
<tr>
<td>Search, select and critically review relevant academic information and communicate findings orally and/or in writing</td>
<td>Task 2 Task 3</td>
<td>Ethical</td>
</tr>
<tr>
<td>Use appropriate field methods to collect data about coastal geomorphic processes</td>
<td>Task 3</td>
<td>Empowered</td>
</tr>
</tbody>
</table>

5. **Am I eligible to enrol in this course?**

Refer to the [USC Glossary of terms](#) for definitions of “pre-requisites, co-requisites and anti-requisites”.

5.1 Enrolment restrictions
Nil

5.2 Pre-requisites
Nil

5.3 Co-requisites
Nil

5.4 Anti-requisites
Nil

5.5 Specific assumed prior knowledge and skills (where applicable)
Geomorphology; GIS and remote sensing

6. **How am I going to be assessed?**

6.1 Grading scale
Standard – High Distinction (HD), Distinction (D), Credit (CR), Pass (PS), Fail (FL).

6.2 Details of early feedback on progress
In week 3 the topic and outline of your literature review (Task 2) will be assessed. In week 7 the topic and a draft research plan of your field report (Task 3) will be assessed.

6.3 Assessment tasks
<table>
<thead>
<tr>
<th>Task No.</th>
<th>Assessment Tasks</th>
<th>Individual or Group</th>
<th>Weighting %</th>
<th>What is the duration/length?</th>
<th>When should I submit?</th>
<th>Where should I submit it?</th>
</tr>
</thead>
<tbody>
<tr>
<td>1a, b, c, d</td>
<td>Quiz/zes</td>
<td>Individual</td>
<td>20%</td>
<td>During computer workshop</td>
<td>During computer workshop</td>
<td>Online Assignment Submission</td>
</tr>
<tr>
<td>2</td>
<td>Literature Review</td>
<td>Individual</td>
<td>40%</td>
<td>2,000 words</td>
<td>5pm Friday, Week 5</td>
<td>Online Assignment Submission with Plagiarism check</td>
</tr>
<tr>
<td>3</td>
<td>Oral, and Written Piece</td>
<td>Group</td>
<td>40%</td>
<td>2,000 words and 10 minutes per group</td>
<td>Weeks 12, 13</td>
<td>Online Assignment Submission with Plagiarism check</td>
</tr>
<tr>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>100%</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Assessment Task 1a, b, c, d: Computer workshop quizzes**

**Goal:** To develop your theoretical and practical skills with tools used in coastal geomorphology.

**Product:** Completed online quizzes based on materials provided

**Format:** During computer workshops you will be provided with reading material and exercises. At the end of the computer workshop you will complete the task and submit via Blackboard.

**Criteria:**
1. Depth of understanding about presented skills/tools
2. Presentation and communication skills.

**Assessment Task 2: Literature Review**

**Goal:** To identify and provide an overview of key concepts in coastal geomorphology.

**Product:** Literature Review

**Format:** In Week 1 you will be given a list of key concepts in coastal geomorphology. You are to select one and focus on what has been written on the topic. The literature review should be of approximately 2000 words (+- 200 words) and based on appropriate scholarly sources. The structure of the report should follow a conventional scientific report template.

**Criteria:**
1. Demonstrate skills in problem definition and application of theoretical and practical knowledge of fundamental concepts and processes of coastal geomorphology to different local and global contexts.
2. Identification of appropriate literature (relevant, current, credible).
3. Critical analysis of gaps, strengths and weaknesses in current research.
4. Structure, clarity and style of the written assignment.

**Assessment Task 3: Fieldtrip report**

**Goal:** To present the methodology and results obtained from fieldwork, including the analysis and discussion of data/evidence collected and conclusions derived from the results.

**Product:** Oral and Written Piece

**Format:** A concise scientific report based on data collected by each group. The written report should be around 2,000 words and written in the style of a manuscript for publication in the peer-reviewed literature, including a reference list, as well as tables and illustrations, as needed. Each group will also present their main findings as a 10 minutes oral presentation.
7. What are the course activities?

7.1 Directed study hours

The directed study hours listed here are a portion of the workload for this course. A 12 unit course it will have total of 150 learning hours which will include directed study hours (including online if required), self-directed learning and completion of assessable tasks. Directed study hours may vary by location. Student workload is calculated at 12.5 learning hours per one unit.

This course will be delivered via technology-enabled learning and teaching. All lectures will remain in this mode for Semester 2 2020. When government guidelines allow, students that elected on-campus study via the class selection process will be advised when on campus tutorials and practical sessions will resume.

<table>
<thead>
<tr>
<th>Location: Specific Campus(es) or online:</th>
<th>Directed study hours for location:</th>
</tr>
</thead>
<tbody>
<tr>
<td>USC Sunshine Coast</td>
<td>2 hr lecture per week (x12)</td>
</tr>
<tr>
<td></td>
<td>2 hr computer workshops (x4 marked)</td>
</tr>
<tr>
<td></td>
<td>4 hr fieldwork (x2)</td>
</tr>
</tbody>
</table>

7.2 Course content

<table>
<thead>
<tr>
<th>Week # / Module #</th>
<th>What key concepts/content will I learn?</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Introduction to the course; terminology and basic concepts; coastal systems</td>
</tr>
<tr>
<td>2.</td>
<td>Sea Level</td>
</tr>
<tr>
<td>3.</td>
<td>Coastal processes: waves and currents</td>
</tr>
<tr>
<td>4.</td>
<td>Sediment transport</td>
</tr>
<tr>
<td>5.</td>
<td>Fieldwork</td>
</tr>
<tr>
<td>6.</td>
<td>Sandy beaches</td>
</tr>
<tr>
<td>7.</td>
<td>Coastal dunes</td>
</tr>
<tr>
<td>8.</td>
<td>Fieldwork</td>
</tr>
<tr>
<td>9.</td>
<td>Processing field data</td>
</tr>
<tr>
<td>10.</td>
<td>Coral reefs</td>
</tr>
<tr>
<td>11.</td>
<td>Coastal management</td>
</tr>
<tr>
<td>12, 13.</td>
<td>Report presentations</td>
</tr>
</tbody>
</table>

Please note course content is subject to variation.
8. **What resources do I need to undertake this course?**

Please note that course information, including specific information of recommended readings, learning activities, resources, weekly readings, etc. are available on the course Blackboard site. Please log in as soon as possible.

### 8.1 Prescribed text(s)

Please note that you need to have regular access to the resource(s) listed below as they are required:

<table>
<thead>
<tr>
<th>Author</th>
<th>Year</th>
<th>Title</th>
<th>Publisher</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kamphuis, W</td>
<td>2010</td>
<td><em>Introduction to Coastal Engineering and Management (2nd ed).</em></td>
<td>World Scientific</td>
</tr>
</tbody>
</table>

### 8.2 Specific requirements

Please note that this course has COMPULSORY fieldwork sessions at local beaches. Final dates/locations will be provided on BB. These details are subject to change. Contact the Course Coordinator for further information. You are also required to complete the online field work induction quiz and a field work participation form. This is a University Legal Requirement. Clothing suitable for the environment visited on field trips and laboratory must be worn. Further specific details will be provided on BB.

9. **Risk management**

Field Trips into natural environments involve some risk. Appropriate clothing, conduct and respect for the environment are required. A risk management assessment will be performed prior to the event. You are also required to complete online laboratory and field work induction quiz and a field work participation form. This is a University Legal Requirement. Clothing suitable for the environment visited on Field Trips and laboratory must be worn. Further specific details will be provided on BB.

10. **What administrative information is relevant to this course?**

#### 10.1 Assessment: Academic Integrity

Academic integrity is the ethical standard of university participation. It ensures that students graduate as a result of proving they are competent in their discipline. This is integral in maintaining the value of academic qualifications. Each industry has expectations and standards of the skills and knowledge within that discipline and these are reflected in assessment.

Academic integrity means that you do not engage in any activity that is considered to be academic fraud, including plagiarism, collusion or outsourcing any part of any assessment item to any other person. You are expected to be honest and ethical by completing all work yourself and indicating in your work which ideas and information were developed by you and which were taken from others. You cannot provide your assessment work to others. You are also expected to provide evidence of wide and critical reading, usually by using appropriate academic references.

In order to minimise incidents of academic fraud, this course may require that some of its assessment tasks, when submitted to Blackboard, are electronically checked through SafeAssign. This software allows for text comparisons to be made between your submitted assessment item and all other work that SafeAssign has access to.
10.2 Assessment: Additional requirements

Eligibility for Supplementary Assessment
Your eligibility for supplementary assessment in a course is dependent on the following conditions applying:

a) The final mark is in the percentage range 47% to 49.4%
b) The course is graded using the Standard Grading scale
c) You have not failed an assessment task in the course due to academic misconduct

10.3 Assessment: Submission penalties

Late submission of assessment tasks will be penalised at the following maximum rate:

- 5% (of the assessment task’s identified value) per day for the first two days from the date identified as the due date for the assessment task.
- 10% (of the assessment task’s identified value) for the third day
- 20% (of the assessment task’s identified value) for the fourth day and subsequent days up to and including seven days from the date identified as the due date for the assessment task.
- A result of zero is awarded for an assessment task submitted after seven days from the date identified as the due date for the assessment task.

Weekdays and weekends are included in the calculation of days late. To request an extension, you must contact your Course Coordinator and supply the required documentation to negotiate an outcome.

10.4 Study help

In the first instance, you should contact your tutor, then the Course Coordinator. Additional assistance is provided to all students through Academic Skills Advisers. To book an appointment or find a drop-in session go to Student Hub.

Contact Student Central for further assistance: +61 7 5430 2890 or studentcentral@usc.edu.au

10.5 Links to relevant University policy and procedures

For more information on Academic Learning & Teaching categories including:
- Assessment: Courses and Coursework Programs
- Review of Assessment and Final Grades
- Supplementary Assessment
- Administration of Central Examinations
- Deferred Examinations
- Student Academic Misconduct
- Students with a Disability

Visit the USC website: http://www.usc.edu.au/explore/policies-and-procedures#academic-learning-and-teaching

10.6 General Enquiries

In person:
- USC Sunshine Coast - Student Central, Ground Floor, Building C, 90 Sippy Downs Drive, Sippy Downs
- USC South Bank - Student Central, Building A4 (SW1), 52 Merivale Street, South Brisbane
- USC Gympie - Student Central, 71 Cartwright Road, Gympie
- USC Moreton Bay - Service Centre, Building A – Ground Floor, 1 Moreton Bay Parade, Petrie
- USC Fraser Coast - Student Central, Student Central, Building A, 161 Old Maryborough Rd, Hervey Bay
- USC Caboolture - Student Central, Level 1 Building J, Cnr Manley and Tallon Street, Caboolture

Tel: +61 7 5430 2890
Email: studentcentral@usc.edu.au