

# WACOMA optional modules timetable (University of Cadiz)

## School year 2018-2019

### **NEWS: It includes the Spanish Language course**

#### **Theory Rooms:**

All the theory lessons, including the Spanish Language course, will be at “Aulario Norte”, Room 9, with the exception of: (1) 20<sup>th</sup>-27<sup>th</sup> February and 1<sup>st</sup> March (Spanish course), that will be at “Aulario Norte”, Room 10, and (2) week 10<sup>th</sup>-14<sup>th</sup> June 2019, that they will be at the Faculty of Marine and Environmental Sciences (CASEM), Room 20.

#### **Computer Rooms:** Faculty of Marine and Environmental Sciences (CASEM)

- Module B03M04: Room AUL.INF. / A.01.05, PALA A, 1st Floor
- Module B05M05: Room AUL.INF. / B.00.02, PALA B, Ground Floor
- Module B06M02: Room AUL.INF. / B.00.02, PALA B, Ground Floor

**IMPORTANT NOTE:** The modules acronyms indicate the Block number and the module number within that block (e.g., B01\_M01 stands for Block 1, module 1), following the WACOMA Teaching Scheme below:

#### **BLOCK 1: Chemical Analysis of Water Quality**

1. Weight of evidence: Assessment of chemical contamination in aquatic environments
2. Chemical and ecotoxicological guidelines for management of dredged materials in open waters
3. Sensitive tools for the assessment of environmental and human risk
4. Environmental assessment and management of accidental spill in littoral ecosystems
5. Tools for hazard assessment of chemical and complex environmental media

#### **BLOCK 2: Ecotoxicological evaluation of Risk in Water and Coastal Management**

1. Ecotoxicity tests in Risk Assessment
2. Bioavailability and bioaccumulation: Keys for the quality of ecosystems
3. Integrated tools to determine environmental quality
4. Integrative assessment of sediment quality in aquatic ecosystems
5. General methodology to assess quality of coastal ecosystems

#### **BLOCK 3: Geochemistry**

1. **Basis for sediments and dredged material management** - Eliminated
2. Coastal land subsistence effects on freshwater resources and flood risk
3. Coastal flooding hazard
4. Hydrometeorological hazard and risk at the coastal zones
5. Land reclamation and drainage effect and feedback with water freshening and salinization
6. Quarrying and mining activities impacts on water quality

**BLOCK 4: Environmental Legislation**

1. Marine Strategy Directive Framework
2. Conflict resolution
3. Communication Science
4. Beach nourishment as a management tool
5. Integrative Management of wetlands and harbours
6. Coastal Cities planning guidelines
7. The Water Framework Directive
8. Sustainable development UN: Goal 6 and Goal 14
9. Conventions (RAMSAR, Regional Seas, OSPAR, HELQOM, UNEP) - Eliminated

**BLOCK 5: Biology of aquatic organisms**

1. Microbial potential for the attenuation of contaminants in coastal ecosystems and bioremediation- Eliminated
2. Alien species- Eliminated
3. Biological tools for coastal management
4. Remote sensing: algal booms
5. Integrated water resources and natural areas management in the coastal zone

**BLOCK 6: Environmental Impact and Management**

1. Modeling physical-biological processes
2. Climate change and extreme events effect on flood hazard
3. Techniques for the diagnosis on ICZM process
4. Salt marshes for flood risk management strategies- Eliminated
5. Complex satellite monitoring of coastal zones
6. Coastal and marine areas: managing complex systems
7. Natural Hazard (SENDAI)
8. Remote sensing: management applications

**FEBRUARY 2019**

<b>Time</b>	<b>Mon 18</b>	<b>Tues 19</b>	<b>Wed 20</b>	<b>Thurs 21</b>	<b>Fri 22</b>
9:00-10:00					
10:00-11:00			Spanish course 10:00-11:30	Spanish course 10:00-11:30	Spanish course 10:00-11:30
11:00-11:30					
12:00-13:00			Spanish course 12:00-13:30	Spanish course 12:00-13:30	Spanish course 12:00-13:30
13:00-13:30					
13:30-14:30					
14:30-15:30					
15:30-16:30					
16:30-17:30					
17:30-18:30					
18:30-19:30					
19:30-20:30					

Time	Mon 25	Tues 26	Wed 27	Thurs 28	Fri 01
9:00-10:00				<b>Bank holiday</b>	
10:00-11:00	Spanish course 10:00-11:30		Spanish course 10:00-11:30		Spanish course 10:00-11:30
11:00-11:30					
12:00-13:00	Spanish course 12:00-13:30		Spanish course 12:00-13:30		Spanish course 12:00-13:30
13:00-13:30					
13:30-14:30					
14:30-15:30					
15:30-16:30					
16:30-17:30					
17:30-18:30					
18:30-19:30					
19:30-20:30					

**MARCH 2019: 4<sup>th</sup> to 8<sup>th</sup>, Bank Holiday (Carnival)**

**MARCH 2019**

Time	Mon 11	Tues 12	Wed 13	Thurs 14	Fri 15
8:30-9:30	B04_M04	B04_M04	B04_M04	B04_M04	B04_M04
9:30-10:30					
10:30-11:30					
11:30-12:00					
12:00-13:00	B02_M01	B02_M01	B02_M01	B02_M01	B02_M01
13:00-14:00					
14:00-15:00					
15:00-16:30					
16:30-17:30	B04_M01	B04_M01	B04_M01	B04_M01	B04_M01
17:30-18:30					
18:30-19:30					

**MARCH 2019**

Time	Mon 18	Tues 19	Wed 20	Thurs 21	Fri 22
8:30-9:30	B04_M07	B04_M07	B04_M07	B04_M07	B04_M07
9:30-10:30					
10:30-11:30					
11:30-12:00					
12:00-13:00	B02_M02	B02_M02	B02_M02	B02_M02	B02_M02
13:00-14:00					
14:00-15:00					
15:00-16:30					
16:30-17:30	B03_M03	B03_M03	B03_M03	B03_M03	B03_M03
17:30-18:30					
18:30-19:30					

**MARCH 2019**

<b>Time</b>	<b>Mon 25</b>	<b>Tues 26</b>	<b>Wed 27</b>	<b>Thurs 28</b>	<b>Fri 29</b>
8:30-9:30	B01_M03	B01_M03	B01_M03	B01_M03	B01_M03
9:30-10:30					
10:30-11:30					
11:30-12:00					
12:00-13:00	B02_M04	B02_M04	B02_M04	B02_M04	B02_M04
13:00-14:00					
14:00-15:00					
15:00-16:30					
16:30-17:30	B05_M04	B05_M04	B05_M04	B05_M04	B05_M04
17:30-18:30					
18:30-19:30					

**APRIL 2019**

<b>Time</b>	<b>Mon 01</b>	<b>Tues 02</b>	<b>Wed 03</b>	<b>Thurs 04</b>	<b>Fri 05</b>
8:30-9:30	B01_M04	B01_M04	B01_M04	B01_M04	B01_M04
9:30-10:30					
10:30-11:30					
11:30-12:00					
12:00-13:00	B02_M03	B02_M03	B02_M03	B02_M03	B02_M03
13:00-14:00					
14:00-15:00					
15:00-16:30					
16:30-17:30	B04_M06	B04_M06	B04_M06	B04_M06	B04_M06
17:30-18:30					
18:30-19:30					

**APRIL 2019**

<b>Time</b>	<b>Mon 08</b>	<b>Tues 09</b>	<b>Wed 10</b>	<b>Thurs 11</b>	<b>Fri 12</b>
8:30-9:30	B01_M05	B01_M05	B01_M05	B01_M05	B03_M06 (field trip)
9:30-10:30					
10:30-11:30					
11:30-12:00					
12:00-13:00	B02_M05	B02_M05	B02_M05	B02_M05	
13:00-14:00					
14:00-15:00					
15:00-16:30					
16:30-17:30	B01_M05	B02_M05	B03_M06	B03_M06	
17:30-18:30					
18:30-19:30					

**APRIL 2019: 15<sup>th</sup> to 19<sup>th</sup>, Bank Holiday (Easter)**

**APRIL 2019**

<b>Time</b>	<b>Mon 22</b>	<b>Tues 23</b>	<b>Wed 24</b>	<b>Thurs 25</b>	<b>Fri 26</b>
8:30-9:30	B04_M02	B04_M02	B04_M02	B04_M02	B04_M02
9:30-10:30					
10:30-11:30					
11:30-12:00					
12:00-13:00	Spanish course 12:00-13:30		Spanish course 12:00-13:30		Spanish course 12:00-13:30
13:00-13:30					
14:00-15:00	Spanish course 14:00-15:30		Spanish course 14:00-15:30		Spanish course 14:00-15:30
15:00-15:30					
16:30-17:30	B04_M08	B04_M08	B04_M08	B04_M08	B04_M08
17:30-18:30					
18:30-19:30					

**APRIL - MAY 2019**

<b>Time</b>	<b>Mon 29</b>	<b>Tues 30</b>	<b>Wed 01</b>	<b>Thurs 02</b>	<b>Fri 03</b>
9:00-10:00			<b>Bank holiday</b>		
10:00-11:00	Spanish course 10:00-11:30	Spanish course 10:00-11:30			Spanish course 10:00-11:30
11:00-11:30					
12:00-13:00	Spanish course 12:00-13:30	Spanish course 12:00-13:30			Spanish course 12:00-13:30
13:00-13:30					
13:00-14:00					
14:00-15:00					
15:00-16:30					
16:30-17:30					
17:30-18:30					
18:30-19:30					

**MAY 2019**

<b>Time</b>	<b>Mon 06</b>	<b>Tues 07</b>	<b>Wed 08</b>	<b>Thurs 09</b>	<b>Fri 10</b>
8:30-9:30	B06_M03	B06_M03	B06_M03	B06_M03	B06_M03
9:30-10:30					
10:30-11:30					
11:30-12:00					
12:00-13:00	Spanish course 12:00-13:30		Spanish course 12:00-13:30		Spanish course 12:00-13:30
13:00-13:30					
14:00-15:00	Spanish course 14:00-15:30		Spanish course 14:00-15:30		Spanish course 14:00-15:30
15:00-15:30					
16:30-17:30	B06_M08	B06_M08	B06_M08	B06_M08	B06_M08
17:30-18:30					
18:30-19:30					

**MAY 2019**

<b>Time</b>	<b>Mon 13</b>	<b>Tues 14</b>	<b>Wed 15</b>	<b>Thurs 16</b>	<b>Fri 17</b>
8:30-9:30	B01_M01	B01_M01	B01_M01	B01_M01	B01_M01
9:30-10:30					
10:30-11:30					
11:30-12:00					
12:00-13:00	B05_M03	B05_M03	B05_M03	B05_M03	B05_M03
13:00-14:00					
14:00-15:00					
15:00-16:30					
16:30-17:30	Spanish course 16:30-19:30				
17:30-18:30					
18:30-19:30					

**MAY 2019**

<b>Time</b>	<b>Mon 20</b>	<b>Tues 21</b>	<b>Wed 22</b>	<b>Thurs 23</b>	<b>Fri 24</b>
8:30-9:30	B04_M05	B04_M05	B04_M05	B04_M05	B04_M05
9:30-10:30					
10:30-11:30					
11:30-12:00					
12:00-13:00	B05_M05	B05_M05	B05_M05	B05_M05	B05_M05
13:00-14:00					
14:00-15:00					
15:00-16:30					
16:30-17:30	B04_M03	B04_M03	B04_M03	B04_M03	B04_M03
17:30-18:30					
18:30-19:30					

**MAY 2019**

<b>Time</b>	<b>Mon 27</b>	<b>Tues 28</b>	<b>Wed 29</b>	<b>Thurs 30</b>	<b>Fri 31</b>
8:30-9:30	B06_M06	B06_M06	B06_M06	B06_M06	B06_M06
9:30-10:30					
10:30-11:30					
11:30-12:00					
12:00-13:00	B06_M05	B06_M05	B06_M05	B06_M05	B06_M05
13:00-14:00					
14:00-15:00					
15:00-16:30					
16:30-17:30	B06_M07	B06_M07	B06_M07	B06_M07	B06_M07
17:30-18:30					
18:30-19:30					

**JUNE 2019**

<b>Time</b>	<b>Mon 03</b>	<b>Tues 04</b>	<b>Wed 05</b>	<b>Thurs 06</b>	<b>Fri 07</b>	
9:00-10:00				B03_M04	B03_M04	
10:00-11:00						
11:00-12:00						
12:00-13:00						
13:00-14:00						
14:00-15:00						
15:00-16:00						
16:00-17:00						
17:00-18:00				B03_M04	B03_M04	
18:00-19:00						
19:00-19:30						

**JUNE 2019: Only this week, the lessons are at CASEM, Room 20**

<b>Time</b>	<b>Mon 10</b>	<b>Tues 11</b>	<b>Wed 12</b>	<b>Thurs 13</b>	<b>Fri 14</b>
8:30-9:30	B03_M05	B03_M05	B03_M05	B03_M05	B03_M05
9:30-10:30					
10:30-11:30					
11:30-12:00					
12:00-13:00	B06_M02	B06_M02	B06_M02	B06_M02	B06_M02
13:00-14:00					
14:00-15:00					
15:00-16:30					
16:30-17:30	B03_M02	B03_M02	B03_M02	B03_M02	B03_M02
17:30-18:30					
18:30-19:30					

**JUNE 2019**

<b>Time</b>	<b>Mon 17</b>	<b>Tues 18</b>	<b>Wed 19</b>	<b>Thurs 20</b>	<b>Fri 21</b>
8:30-9:30					
9:30-10:30					
10:30-11:30					
11:30-12:00					
12:00-13:00	B06_M01	B06_M01	B06_M01	B06_M01	B06_M01
13:00-14:00					
14:00-15:00					
15:00-16:30					
16:30-17:30	B01_M02	B01_M02	B01_M02	B01_M02	B01_M02
17:30-18:30					
18:30-19:30					