

# Online Aquafeed Production school

## Spring 2021 Edition Calendar

**Broadcast of the Recorded Live Session:** All 12 sessions will be live every **Friday** at 10 : 00 AM Chicago Time (CDT), 1 : 00 PM Buenos Aires Time (GMT-3); Starting May 7, 2021 to July 23, 2021

05 May 2021

Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

06 June 2021

Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

07 July 2021

Mon	Tue	Wed	Thu	Fri	Sat	Sun
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	



### Agenda

### Live Session Date

Session 1	Raw Materials Process Interaction and Function of Use	May 7, 2021
Session 2	Nutrition aspects of aquafeed production. Basics formulation requirements	May 14, 2021
Session 3	Receiving of ingredients, storage, batching and mixing	May 21, 2021
Session 4	Grinding course and micro pulverizing	May 28, 2021
Session 5	Micro ingredients and final preparation before pellet production	June 4, 2021
Session 6	Extrusion vs pelleting and production via single screw extruders	June 11, 2021
Session 7	Extrusion Process	June 18, 2021
Session 8	Pelleting of aquatic feeds	June 25, 2021
Session 9	Drying and Cooling of aquatic feeds	July 2, 2021
Session 10	Other possible processes of feed production and unique possibilities	July 9, 2021
Session 11	Coating, atmospheric and vacuum	July 16, 2021
Session 12	Overall plant design and control possibilities	July 23, 2021

**Register all or just one session :** You can choose to register **all 12 session for \$380**, and get your certificate at the end of the program. Alternatively, you can choose to register just sessions that interest you for \$40 per session. Please note that certificate will be granted to those who completed all 12 sessions.

**Never too late to register:** Once you registered, you can get your **on-demand access** after session 12<sup>th</sup> completed. The on-demand access will be available for 1 months. So, you can register at any time and will never miss any session.



### Session Name

### Topic

Session 1	Raw Materials. Process interaction and function of use	<ul style="list-style-type: none"> <li>• Starch</li> <li>• Proteins</li> <li>• Fats or lipids</li> <li>• Fillers</li> </ul>
Session 2	Nutrition aspects of aquafeed production. Basics formulation requirements	<ul style="list-style-type: none"> <li>• Warm water fish</li> <li>• Cold water fish</li> <li>• Shrimp</li> </ul>
Session 3	Receiving of ingredients, storage, batching and mixing	<ul style="list-style-type: none"> <li>• Trucks, Big Bags and Hand Dump</li> <li>• Trains or ocean bulk shipments</li> </ul>
Session 4	Grinding course and micro pulverizing	<ul style="list-style-type: none"> <li>• Hammermills, roller mills, micro pulverizers</li> <li>• Dust control</li> </ul>
Session 5	Micro ingredients and final preparation before pellet production	<ul style="list-style-type: none"> <li>• Vitamin and mineral addition</li> <li>• Sifting</li> <li>• Conveying</li> </ul>
Session 6	Extrusion vs pelleting and production via single screw extruders	<ul style="list-style-type: none"> <li>• Review of differences extrusion and pelleting</li> <li>• Single screw aquafeed production</li> </ul>
Session 7	Extrusion Process	<ul style="list-style-type: none"> <li>• Types of twin-screw extruders</li> <li>• Advantages and use of twin-screw extruders</li> </ul>
Session 8	Pelleting of aquatic feeds	<ul style="list-style-type: none"> <li>• Process review</li> <li>• Typical usage</li> </ul>
Session 9	Drying and Cooling of aquatic feeds	<ul style="list-style-type: none"> <li>• Dryer types</li> <li>• Use and process review</li> <li>• Cooler types and function</li> </ul>
Session 10	Other possible processes of feed production and unique possibilities	<ul style="list-style-type: none"> <li>• Semi Moist feeds</li> <li>• Spherization for micro feeds</li> <li>• Micro feeds direct extruded</li> <li>• On the horizon possibilities to think about</li> </ul>
Session 11	Coating, atmospheric and vacuum	<ul style="list-style-type: none"> <li>• Process Review</li> <li>• Application levels</li> <li>• Usage</li> </ul>
Session 12	Overall plant design and control possibilities	<ul style="list-style-type: none"> <li>• Layouts; vertical or Horizontal</li> <li>• Additional Process Systems; Boilers, Compressed air, Liquid Storage</li> <li>• Discussion on plant control systems</li> </ul>