

## Module (Course Syllabus) Catalogue

### 2022-2023

College/ Institute	Shaqlawa Technical College		
Department	Veterinary		
Module Name	Bio static		
Module Code			
Semester	1 <sup>st</sup> semester		
Credits			
Module type	Prerequisite <input type="text" value="2"/>	Core <input type="text"/>	Assist. <input type="text"/>
Weekly hours			
Weekly hours (Theory)	( 2 )hr Class	( )hr Workload	
Weekly hours (Practical)			
Lecturer (Theory)	Assis. Proff .Dr.Hasan Abdulla Mohammed		
E-Mail & Mobile NO.	<a href="mailto:hassanabdulla@eu.edu.iq">hassanabdulla@eu.edu.iq</a>		
Lecturer (Practical)			
E-Mail & Mobile NO.	(0754654962		

## Course Book

<b>1. Course name</b>	Biostatic
<b>2. Lecturer in charge</b>	Assis . proff Dr.Hassanabdulla
<b>3. Department/ College</b>	Veterinary department
<b>4. Contact</b>	<a href="mailto:hassanabdulla@epu.edu.iq">hassanabdulla@epu.edu.iq</a>
<b>5. Time (in hours) per week</b>	2
<b>6. Office hours</b>	5 days a week
<b>7. Course code</b>	
<b>8. Teacher's academic profile</b>	<p>1. As Agricultural Engineer in Animal Production Field (Private Field of broiler breeding in Erbil/ from 1982-1985 and from end 1996 till starter 2001.</p> <p>2. As extension teacher in Latifia agriculture secondary school from September of 1985 till April of 1996.</p> <p>3. Head of animal resources department in Latifia agriculture secondary school from 1986 till 1992.</p> <p>4. Member of teachers in animal hygiene in shaqlawa technical institute from 2001 till 2003.</p> <p>5. M.sc student from 2003 till end of 2005 in animal resources department Salahaddin- University -Erbil, Iraq. Library manager of Shaqlawa technical institute from 2006 till September of 2009 and at the same time member of teachers in animal Hygiene department.</p> <p>6. From 25th September till 15TH July Ph.D Student at Slovak University of Agriculture in Nitra.</p> <p>7. Throughout the service period in Institute:</p> <p>a. Produce many of video scientific film in the actual field of cow breeding and poultry farms.</p> <p>b. Head of Sectoral Committee for student researches exam in animal hygiene department - Shaqlawa technical institute-Erbil.</p> <p>c. Head of Procurement Committee over 3 years.</p> <p>d. Head of Occupational Safety Committee.</p> <p>e. Head of animal hygiene department from September 2012 till yet.</p> <p>8. From 2006 till 2008 External lecturer in animal resources department – agriculture college - Salahaddin- University- Erbil, Iraq. –Erbil and Kirkuk city at the same time.</p> <p><b>EDUCATION</b></p> <p>1. B.sc: 1981-1982 – Animal resources department- Agricultural Extension- Agriculture College –Baghdad University.</p>

	<p>2. M.sc.2005-2006 (The effect of utilization vegetable fat and oil of sunflower seeds and marketing age on production performance and chemical composition of broiler carcass</p> <p>3. Animal resources department-Agriculture College – University of Salahaddin-Erbil, Iraq.( Topic in poultry nutrition)</p> <p>4. Ph.D., 2012 (Utilization of Different Lipids in Broiler's (Ross-308)Feeding . Animal resources department Nitra agriculture university –Slovakia. (Topic in poultry nutrition-accuracy in utilization lipids in broiler feeding).</p> <p><b>PUBLISHED RESEARCH &amp; AUTHORESS, TRAINING, CONFERENCES AND WORKSHOPS:</b></p> <p><b><i>BEFORE PHD PERIOD STUDY</i></b></p> <p>1. Mohammed et al., 2007.Performance and slaughter trails of effect feeding vegetable fat and sunflower oil and their mixture. In Egyptian poultry science journal volume 27 number 111 September 2007.</p> <p>2. 2. Mohammed et al., 2007.Chemical composition of main carcass parts of effect feeding vegetable fat and sunflower oil and their mixture. In Egyptian poultry science journal volume 27 number 111 September 2007.</p> <p><b><i>AT PHD PERIOD STUDY</i></b></p> <p>1. Mohammed.H.A.2010.COMPOSITION OF THE MOISTURE, FAT AND PROTEIN PERCENTAGE FOR VARIOUSANIMAL MEATS. In normal PhD student conference on 26.November 2010. Attatch of book ISSBN. 978-80-552-0471-0.</p> <p>2. Horniaková.E.-Mohammed.H.A.2011 USING OF NATURAL FEED ADDITIVES AND DIFFERENT FAT’S KIND IN THE POULTRY FEEDING. IN INTERNATIONAL WORKSHOP 30-31AUGUSET 2011 (COOPER LINK-CHH10TL68L).</p> <p>3. Mohammed et al., 2012.PERFORMANCE OF BROILER CHICKENS FED DIETS CONTAINING DIFFERENT TYPES OF FAT. In Archiva Zootechnica Journal. AZ vol. 15-1, 2012. (ISSN l0l6-4855).</p> <p>4. Mohammed et al., 2012. EFFECT OF FEEDING VEGETABLE FAT, SUN FLOWER OIL AND THEIR MIXTUER ON BROILER PERFORMANCE. In doctored conference/ Nitra doctored conference/ Nitra p. 110-112. ISBN 978-80-552-0693-6.</p> <p>5. Mohammed.H.A., Horniaková.E.2012 .EFFECT OF USING DIFFERENT LIPIDS TYPE ON SECOUNDRY AND EDIBLES CARCASSES PARTS OF BROILER (COOB-500). In Journal of Microbiology, Biotechnology and Food Sciences, Hassan et al. 2012: 1 (4) 1152-1167. ISSN: 1338-5178.</p> <p>6. Mohammed.H.A., Horniaková.E.2012 .EFFECT OF USING SATURATED AND UNSATURATED FAT WITH MIXING THEM IN BROILER DIET</p>
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	<p><b>ON BLOOD PARAMETER. In Journal of Microbiology, Biotechnology and Food Sciences, Mohammed and Horniaková 2011/12 : 1 (3) 309-322. ISSN: 1338-5178.</b></p> <p><b>7. Mohammed.H.A., Horniaková.E.2012. EFFECT OF UTILIZATION OF DIFFERENT TYPES OF LIPIDS ON AMINO ACID PROFILE IN MUSCLES AND LIVER OF ROSS- 308. In Journal of Revista Cientifica UDO. Agricola, vol.12, no.2. 2012. ISSN 1317-9152</b></p> <p><b>8. Mohammed.H.A., Horniaková.E.2012 .EFFECT OF USING SATURATED AND UNSATURATED FATS IN BROILER DIET ON CARCASS PERFORMANCE. In Slovak Journal of Animal Science ,vol.45, no.1.2012,P21-29.ISSN1337-9984.</b></p> <p><b>9. Mohammed.H.A., Horniaková.E.2012 .THE EFFECT OF DIFFERENT TYPE OF FATS UTILIZATION IN BROILER (308) FEEDING ON THE PERFORMANCE PARAMETERS. In journal Acta fytotechnica etzootechnica vol. 4. 2011 ISBN 1336-9245</b></p> <p><b>10. Mohammed.H.A., Horniaková.E.2012 .EFFECT OF USING PACKED FAT, RAPESEED AND SUNFLOWER OIL IN BROILER DIET ON ORGANIC CHEMICAL COMPOSITION OF MUSCLES AND LIVER. Accepted on turn press in Journal of Microbiology, Biotechnology and Food Sciences Food Sciences vol.2 ,no.1.2012</b></p> <p><b>11. Mohammed.H.A., Horniaková.E.2012 .REFLECT OF UTILIZATION DIFFERENT LIPIDS LEVEL ON AMINO AND FATTY ACIDS PROFILE OF BROILER'S (ROSS-308) LIVER In Journal of Microbiology, Biotechnology and Food Sciences Food Sciences vol. 1, no. 6,p. 1462-1475. 2012.</b></p> <p><b>12. Mohammed.H.A., Horniaková.E.2012 .EFFECT OF USING DIFFERENT TYPE OF FAT ON FATTY ACIDS PROFILE OF FEMALE BROILER (ROSS-308) MUSCLES, In conference of 18.5.2012 in Czech Republic. ISBN: 978-80-213-22851.</b></p> <p><b>13. Mohammed.H.A., Horniaková.E.2012 . EFFECT OF DIETRY FAT TYPE ON FATTY ACIDS PROFILE OF MUSCLES AND LIVER IN FEMALE</b></p> <p><b>14. AND MALE BROILER (ROSS-308). In Archiva Zootechnica Journal vol. 15-1, 2012. (ISSN 1016-4855).</b></p> <p><b>15. Impact of bee pollen as feed supplements on the body weight of broiler Ross 308 in African Journal of Biotechnology Vol. 11(89), pp. 15596-15599, 6 November, 2012 ,Available online at</b></p> <p><b><a href="http://www.academicjournals.org/AJB">http://www.academicjournals.org/AJB</a> ,DOI: 10.5897/AJB12.2239 ,ISSN 1684-5315 ©2012 Academic Journals</b></p> <p><b>16. THE INFLUENCE OF BEE POLLEN ON THE MEAT CHEMICAL COMPOSITION FOR BROILER'S ROSS 308 MUSCLES, IN Journal of Microbiology, Biotechnology and Čuboň et al. 2013 : 2 (Special issue on BQRMF) 1128-1137,Food Sciences 1128.</b></p>
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	<p>17. Hassan.AbdullahMohammed et al., Effect of vitamin AD3E utilization at the pregnancy period and parturition on blood parameter for dairy cattle.</p> <p>International Journal of Advanced Research in Biological Sciences ISSN: 2348-8069 www.ijarbs.com Volume 3, Issue 5 – 2016.</p> <p>18. Hasan.A.Mohammed Effect of utilization organic acid supplement on broiler (ROS-308) feeding at pre-starter and starter period breeding on basic performance parameters. International Journal of Advanced Research in Biological Sciences ISSN: 2348-8069 www.ijarbs.com Volume 3, Issue 6 – 2016.</p> <p>19. Hasan.A.Mohammed Effect of utilization organic acid supplement on broiler (ROS-308) feeding at pre-starter and starter period breeding on chemical</p> <p>20. organic content of main, secondary carcass and edible parts Parameters. International Journal of Advanced Research in Biological Sciences ISSN: 2348-8069 www.ijarbs.com Volume 3, Issue 6 – 2016.</p> <p>21. Hasan Abdullah Mohammed1*, Dhuha Qays Kamil1, Salam Adil Ahmed Effect of fenugreek (Trigonella foenum-graecum) seed aqueous extract on testes tissue of anabolic steroid treated adult mice Wudpecker Journal of Agricultural Research ISSN 2315-7259 Vol. 4(3), pp. xxx - xxx, May 2015 2015 Wudpecker Journals.</p> <p>22. Hasan Abdullah Mohammed1. Fawzeyya bea toma 2Influence of Diet Supplementation with Garlic, Black Seed and Lettuce Leave on Kurdish Layer Henfertility, Hatchability and some Blood Physiological Properties The Journal of Research on the Lepidoptera The Lepidoptera Research Foundation. May 2020 ISSN 0022-4324 (print) ISSN 2156-5457 (online) Volume 51 (2): 399-407.</p> <p><b>ACTIVATE</b></p> <p>1. Reviewer in UDO Agricola journal for article. (Venzaoulea).</p> <p>2. Reviewer in South African journal for two articles.</p> <p>3. Licencna for publishing from Slovakia Agriculture University3/4/2012.</p> <p>4. Teaching for Erasmus student in 2010-2012.</p> <p>5. Cooperation for advice MSc student from Spain.</p> <p>6. Cooperation for review in Slovak journal.</p> <p>7. Editorial board in <a href="http://wudpeckerresearchjournals.org/WJAR/WJAR.htm">wudpeckerresearchjournals.org/WJAR/WJAR.htm</a></p>
<b>9. Keywords</b>	<b>Biostatic</b>
Mean median mode.spss static	

<p><b>11. Course objective:</b></p> <p><b>Basic principles and applications of statistics to problems in clinical and public health settings.</b></p> <ul style="list-style-type: none"> <li>• Will cover tools for statistical inference: t-test, chi-square tests, ANOVA, Linear regression.</li> <li>• Interpretation and presentation of the results</li> <li>• Introductory foundation for the implementation of those techniques using R or R studio software.</li> </ul>
<p><b>12. Student's obligation</b></p> <p>The student commitment to the presence in the lecture before entering the lecture. Commitment and focus silently during the performance of lecture. Commitment exam and reports must.</p>
<p><b>13. Forms of teaching</b></p> <p>I use the projector to display my objectives by power point, sometimes we need to write some information on the white board to clarify it. I will give all my objectives on the word paper to my students.</p>
<p><b>15. Student learning outcome:</b></p> <p>We with students should make every effort to improve skills as much as possible and heavily focused on technical knowledge of different aspects of animal science. We should be familiar with as many of these aspects. The business, economic and social science is of critical importance to better understand the intricacies of the animal production especially when it comes to decision making at production and marketing. Students as leaders of tomorrow will also be evaluated based on their personal characteristics such as integrity, keenness, willingness to accept responsibility, and their ability to make meaningful decision while working as a team member with other. We need to realize that our decisions made at any stage of life may not always be correct. Everybody makes mistakes and this is an undeniable reality of life. However, it is very important that we learn from our mistakes.</p>
<p><b>Biostatic by xashe3 alrawi</b></p>