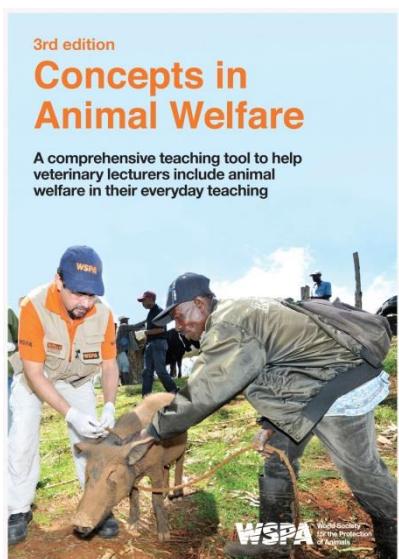




World Society
for the Protection
of Animals

WSPA's Concepts in Animal Welfare (CAW)

A high level of competency in animal welfare is increasingly required by companies, governments and others who employ veterinarians. Vets who have the skills and knowledge to look after animals well are therefore likely to have better employment opportunities, particularly with international companies and organisations.



The 3rd edition of the Concepts in Animal Welfare syllabus is for anyone who teaches animal welfare science at tertiary level, including undergraduate, post-graduate and professional development courses.

It includes 35 modules covering

- An overview of animal welfare science, ethics and law
- Measurement and assessment of welfare in industry and home
- Disease, environmental enrichment, humane slaughter
- Animal welfare in the economy, society and religion,
- Caring for animals in conflict and disasters
- Animal welfare organisations
- The role of vets in animal welfare

The materials have been welcomed by the World Organisation for Animal Health (OIE), World Veterinary Association (WVA), Federation of Veterinarians of Europe (FVE) and others.

The CAW syllabus was first created in 2003 by the University of Bristol School of Veterinary Science (UK) in a partnership with the World Society for the Protection of Animals. It was updated in 2007 and 2013, with new modules and more advanced materials to enhance the student experience.

The resource is supported by the [CAW Toolbox](#) of on-line resources for animal welfare teaching. We welcome your feedback on using this resource as a teaching tool through our online evaluation tool [here](#).

The Concepts in Animal Welfare syllabus is also available online via the [Animal Mosaic](#) website

Use of WSPA's Concepts in Animal Welfare by universities, colleges and institutes

Over the past 10 years WSPA has provided CAW materials to deans and teaching staff in over 400 academic institutions worldwide. In several countries of Africa, Asia and Latin America, as well as China, WSPA veterinarians have also trained teachers to use the materials and identified faculty members as 'Animal Welfare Champions' in their area.

The following is an incomplete list of institutions where the materials are being used by teachers.

Universities, colleges and institutes that use WSPA's Concepts in Animal Welfare

*Denotes that schools have received a copy of the syllabus but does not necessarily mean that they are currently using it

East Asia

Khon Kaen University (Faculty of Veterinary Medicine) – Khon Kaen, Thailand

Mahidol University - Salaya, Nakhon pathom, Thailand

**Sokoine University of Agriculture* – Thailand

**Chiang Mai University*- Thailand

**Chulalongkorn University* - Thailand

**Kasetsart University* - Thailand

**Konkuk University* – Seoul, Korea

**Cheju National University* – Korea

**Chonbuk National University*– Korea

**Chonnam National University*– Korea

**Cheungju University*– Korea

**Chungnam National University*– Korea

**Kangweon National University*– Korea

**Kyeongsang National University*– Korea

**Kyongbuk National University*– Korea

**Seoul National University*– Korea

The Catholic University of Korea – Seoul, Korea

Hanoi University of Agriculture, Faculty of Animal Science and Aquaculture – Hanoi, Vietnam

**Fisheries College* – Hanoi Vietnam

**Nong Lam University* – Vietnam

**Universite Agronomique et Forestiere*- Vietnam

**University of Peradeniya* – Sri Lanka

**Universidad de Murcia*- Sri Lanka

Southeast Asia

Airlangga University, Veterinary medicine – East Java, Indonesia

**Bogor Agricultural University* – Indonesia

**Syiah Kuala University*– Indonesia

**Airlangga University*– Indonesia

**Gadjah Mada University*– Indonesia

**Udayana University*– Indonesia

Universitas Gadjah Mada, Faculty of Veterinary Medicine – Yogyakarta, Indonesia

Bogor Agricultural University (IPB) – Indonesia

**Universite des Sciences Agronomiques* – Cambodia

**Universiti Putra Malaysia* – Malaysia

Don Mariano Marcos Memorial State University – La Union, Philippines

Pampanga Agricultural College – Pampanga, Philippines

Aklan State University- Philippines

Benguet State University- Philippines

**Cagayan State University*- Philippines

**Camarines Sur State Agricultural College*- Philippines

**Cavite State University*- Philippines

**Central Mindanao University- Philippines
*Central Luzon State University- Philippines
*Dr Yanga's Franciso Balagtas Veterinary College- Philippines
*De La Salle - Araneta University- Philippines
*Fatima College of Veterinary Medicine- Philippines
*Isabela State University- Philippines
*Capiz State University- Philippines
*University of Southern Mindanao- Philippines
*Agricultural Training Institute- Philippines
*Southwestern University- Philippines
*Tarlac College of Agriculture- Philippines
*University of Eastern Philippines - Philippines
*University of the Philippines at Los Banos- Philippines
*Virgen Milagrosa University Foundation- Philippines
*National Chia-Yi Graduate Institute of Agriculture- Taiwan
*National Chung Hsing University- Taiwan
National Taiwan University- Taiwan

China

*Jilin Agriculture University
*Shenyang Agriculture University
*Agricultural University of Hebei (AUH)
*Shihezi University
*Shandong Agricultural University
*China Agricultural University
*Chinese Academy of Agricultural Sciences
*City University of Hong Kong
*Nanjing Agricultural University
*Guangxi University
*Fujian Agricultural & Forestry University
*Sichuan Agricultural University
*Yanbian Agricultural College
*Laiyang Agricultural College
*South China Agricultural University
*Huazhong Agricultural University
*Zhejiang Agricultural University
Hunan Agricultural University

Japan

**Azabu University
*Tokyo University of Agriculture & Technology
*Gifu University
*Hokkaido University
*Iwate University
*Kagoshima University
*Kitazato University
*Miyazaki University
*National Institute of Livestock and Grassland Science
*Nihon University
Nippon Veterinary & Life Science University

**Obihiro University of Agriculture & Veterinary Medicine
*Rakuno Gakuen University
*Teikyo University of Science & Technology
*The College of Dairy Agriculture
*The University of Tokyo
*Tottori University
*University of Osaka Prefecture
Yamaguchi University

Pakistan, Nepal, Burma and Bangladesh

**Chittagong Veterinary and Animal Sciences University – Chittagong, Bangladesh
*Bangladesh Agricultural University – Mymensingh, Bangladesh
*Himalayan College of Agricultural Sciences and Technology (HICAST) - Nepal
*Sylhet Agricultural University –Sylhet, Bangladesh
*Chittagong Government Veterinary College – Bangladesh
*University of Veterinary Science – Burma
*University of Veterinary and Animal Sciences – Lahore, Pakistan
*University of Arid Agriculture – Rawalpindi, Pakistan
*Sindh Agriculture University- Pakistan
*University of Agriculture- Pakistan
University of Agriculture of Lyallpur- Pakistan

India

**College of Veterinary Science and Animal Husbandry – Gujarat
*Karnataka Veterinary Animal and Fisheries Sciences University (KVAFSU) – Karnataka
*NKVV, Mhow Veterinary College – Mhow
*College of Veterinary Sciences – Palampur
*Madras Veterinary College, Tamil Nadu Veterinary and Animal Sciences University – Chennai
*Assam Agricultural University – Guwahati
*Mathura Veterinary College – Mathura
*Orissa University of Agriculture and Technology – Orissa
*Srivenkatashwar Veterinary University (SVVU) – Tirupati
*College of Fishery Sciences Udasur, Mhashter Animal Fishery Sciences University – Udasur
*Anbanathapuram Vahaira Charities (AVC) College
*Anand Agricultural University
*Sri Venkateswara University
*School of Veterinary Sciences & Animal Husbandry, Pasighat
*Maharashtra Animal & Fisheries Sciences University
*Bengal Veterinary College & Hospital
*West Bengal University of Animal & Fishery Science
*Rajendra Agricultural University
*Bombay Veterinary College
*Rajasthan Agricultural University
*Kerala Agricultural University
*Marathwad Agricultural University
*CSK HP Krishi Vishwavidyalaya University
*Govind Ballabh Pant University of Agriculture & Technology
*Acharya N. G. Ranga Agricultural University
*Jawaharlal Nehru Krishi Vishwa Vidyalaya
*Jawaharlal Nehru Krishi Vishwa Vidyalaya
Orissa College of Veterinary Science & Animal Husbandry

**Punjab Agricultural University*
**CCS Haryana Agricultural University (HAU)*
**Mahatma Phule Krishi Vidyapeeth*
**Assam Agricultural University*
**Birsa Agricultural University*
**Gujurat Agricultural University*
**Sher e Kashmir University of Agricultural Sciences and Technology*
**University of Agricultural Sciences, Bangalore*
**Rajiv Gandhi College of Veterinary and Animal Sciences*
**Chandra Sekhar Azad University of Agriculture & Technology*
**The Maharaja Sayajirao University of Baroda*
**Post Graduate Institute of Veterinary & Animal Sciences*
**Krantisinh Nana Patil College of Veterinary Science*
**SGSITS*
**H.S.K. College of Pharmacy*
**Indian Veterinary Research Institute*
**KB Institute of Pharmaceutical Education and Research*
**King George's Medical University*
**Tamil Nadu Vet and Animal Sciences University*
**Mysore Veterinary College*
**Maharashtra Animal & Fisheries Sciences University*
**Narendra Dev University of Ariculture and Technology*
**Pramukh Swami Medical College*
**Ganpat University*
**Shivaji University*
**Shri M.P. Shah Medical College (Saurashtra University)*
**Tamil Nadu Vet and Animal Sciences University*
**Karnataka Veterinary, Animal and Fisheries Sciences University (KVAFSU)*

Central America and the Caribbean

**The University of The West Indies – Trinidad*
**Ross University School of Veterinary Medicine – St. Kitts*
**Universidad Nacional - Costa Rica*
**Universidad San Francisco de Asís - Costa Rica*
**Universidad Central del Este - Dominican Republic*
**Universidad de San Carlos de Guatemala - Guatemala*
**Universidad de Oriente –Cuba*
**Universidad de Camagüey–Cuba*
**Universidad Central Marta Abreu–Cuba*
**University of Granma–Cuba*
**Instituto Superior de Ciencias Agropecuarias de la Habana–Cuba*
**Universidad Autonoma de Santo Domingo – Dominican Republic*
**Universidad Nacional Pedro Enrique Urena– Dominican Republic*
**Universidad Eugenio Maria de Hostos– Dominican Republic*
**Universidad Central del Este– Dominican Republic*
**Universidad de San Carlos de Guatemala – Guatemala*
**Universidad Centroamericana – Nicaragua*
**The University of the West Indies – Trinidad and Tobago*

Mexico

Universidad Autonoma de Benito Ciudad Juarez
Instituto Technologico de Sonora
Universidad Autonoma de Colima
Universidad Autonoma Agraria Antonio Narra
University de Guadalajara Centro Universitario del Sur
Universidad Autonoma de Baja California
Universidad Autonoma de Benito Juarez
Universidad Autonoma de Chiapas
Universidad Autonoma de Guerrero
Universidad Autonoma de Nayarit
Universidad Autonoma de Puebla
Universidad Autonoma de Tamaulipas
Universidad Autonoma del Estado de Mexico
Universidad Autonoma Juarez de Tabasco
Universidad de Guadalajara
Universidad de la Salle Bajío
Universidad Juarez del Estado de Durango
Universidad Michoacana de San Nicolas de Hidalgo
**Universidad Autónoma de Aguascalientes*
**Universidad Autónoma de México*
**Universidad Autónoma de Querétaro*
**Universidad Autónoma del Estado de México*
**Universidad Autónoma Metropolitana (Xochimilco)*
**Universidad Autónoma de Zacatecas*
**Centro de Estudios Universitarios de Mty*
**Universidad Autónoma Antonio Narro*
**Universidad Autónoma de Ciudad Juárez*
**Universidad Autónoma de Nuevo León*
**Universidad Autónoma de Sinaloa*
**Universidad Veracruzana*
**Universidad Autónoma de Yucatán*

South America

*Universidad Mayor de Chile – Chile
Universidad Austral de Chile – Chile
Universidad Católica de Temuco – Chile
Universidad Iberoamericana de Ciencia y Tecnología – Chile
Universidad Andrés Bello – Chile
Universidad Santo Tomás - Chile
*Universidad de Concepcion – Chile
*Universidad de Chile – Chile
*Universidade Austral de Chile – Chile
*Universidad Viña del Mar – Chile
*Universidad Pedro de Valdivia – Chile
*Pontificia Universidad Católica de Chile – Chile
*Universidad Nacional de Río Cuarto – Argentina
*Universidad Nacional del Litoral – Argentina
*Universidad Nacional del Centro – Argentina
*Universidad Nacional de la Pampa – Argentina
*Universidad Nacional del Nordeste – Argentina
*Universidad de Buenos Aires – Argentina
*Universidad Nacional de la Plata – Argentina
*Univ. Técnica del Beni – Bolivia
*Universidad Autonoma Gabriel Rene Moreno – Bolivia
*Universidad de LaSalle – Colombia
*Universidad Nacional de Colombia – Colombia
*Universidad de Tolima – Colombia
*Universidad Antonio Narino – Colombia
*Universidad de Antioquia – Colombia
*Universidad de Cordoba – Colombia
*Fundacion Universitaria, San Martin – Bogota, Colombia
*Universidad Technologica de Los Llanos Orientales – Colombia
*Co-operative University of Columbia – Colombia
*Universidad de Sucre – Colombia
*Universidad de Autonoma Coahuila – Colombia
*Universidad de Ciencias Aplicadas y Ambientales (UDCA) – Colombia
*Universidad de la Amazonia – Colombia
*Instituto Universitario de la Paz – Colombia
*Universidad Nacional de Colombia, Sede Medellin – Colombia
*Universidad Nacional Abierta y a Distancia – Colombia
*Uniagraria - La U verde de Colombia – Colombia
*University of Cundinamarca – Colombia
*Universidad Technia de Manabi – Ecuador
*Universidad Nacional de Loja – Ecuador
*Universidad Agraria del Ecuador – Ecuador
*Universidad Central del Ecuador – Ecuador
*Universidad Tecnica de Machala – Ecuador
*Universidad Nacional de Asuncion – Paraguay
*Universidad Nacional Jorge Basadre Grohmann – Peru
*Universidad Nacional Tecnia del Altiplano – Peru
Universidad Nacional San Cristobal de Huamanga – Peru

*Universidad Alas Peruanas, Lima– Peru
*Universidad Católica de Santa María– Peru
*Universidad Peruana Cayetano Heredia– Peru
*Universidad Científica del Sur– Peru
*Universidad Nacional de Cajamarca– Peru
*Universidad Nacional Mayor de San Marcos– Peru
*Universidad Nacional Pedro Ruiz Gallo de Lambayeque– Peru
*Universidad Nacional San Luis Gonzaga de Ica– Peru
*Universidad Mayor de la Republica- Uruguay
*Universidad Central de Venezuela – Venezuela
*Universidad Centroccidental Lisandro Alvarado - Venezuela
*Universidad del Zulia - Venezuela
*Universidad Experimental Francisco de Miranda - Venezuela

Brazil

*Universidade Federal Do Tocantins
*Universidade Federal Do Piaui
*Universidade Estadual Do Piaui Uespi
*Universidade Federal De Mato Grosso
*Universidade Do Estado De Mato Grosso
*Centro Federal De Educacao Tecnologica De Cuiaba
*Universidade Da Regiao Da Campanha
*Pontifícia Universidade Catolica Do Rio Grande Do Sol
*Universidade Luterana Do Brasil
*Universidade Da Regiao Da Campanha
*Universidade De Passo Fundo
*Universidade De Cruz Alta – Unicruz
*Universidade Federal Do Rio Grande Do Sul
*Universidade Federal De Pelotas
*Universidade Federal De Santa Maria
*Universidade Federal Do Parana
*Universidade Tuiuti Do Parana
*Facultdad Evengelica Do Parana
*Campus Universitario Bezerra De Menezes
*Universidade Estadual De Londrina
*Pontifícia Universidade Católica Do Paraná
*Universidade Estadual Do Oeste Do Paraná
*Faculdade Integradas Dos Campos Gerais
*Universidade Estadual De Ponta Grossa
*Universidade Estadual De Maringá
*Fundacao Faculdades Luiz Meneghel
*Universidade Federal Do Parana - Ufpr (Campus Palotina)
*Pontifícia Universidade Catolica Do Parana
*Universidade Norte Do Paraná
*Faculdade De Ciências Biológicas E Da Saúde De União Da Vitória
*Faculdades Integradas Dos Campos Gerais
*Universidade Paranaense - UNIPAR
*Faculdade Integrada De Campo Mourão - CEI
*Centro Universitário De Maringá - CEUMAR
*Universidade Estadual Do Centro-Oeste - UNICENTRO
*Faculdade Educacional De Dois Vizinhos - FAED
*Universidade Federal Rural De Pernambuco
*Universidade Federal Do Vale Do São Francisco - UNIVASF
*Universidade Federal Rural De Pernambuco - UFRPE/Guaranhuns

*Fundacao Universidade Federal Do Vale Do Sao Francisco - UNIVASF
*Universidade Federal Da Bahia
*União Metropolitana De Educação E Cultural - UNIME
*Universidade Estadual De Santa Cruz - UESC
*Universidade Estadual Do Sudoeste Da Bahia - UESB
*Universidade Federal Do Reconcavo Da Bahia - UFRB
*Universidad Estadual Paulista (Jaboticabal)
*Universidad Estadual Paulista (Araçatuba)
*Universidad Estadual Paulista (Botucatu)
*Universidade De Sao Paulo
*Centro Universitário Da Fundação De Ensino Octávio Bastos - UNIFEOB
*Universidade Do Oeste Paulista - UNOESTE
*Centro Regional Universitário De Espírito Santo Do Pinhal - UNIPINHAL/CREUPI
*Universidade Paulista - UNIP (Campus Bauru)
*Universidade Paulista - UNIP (Campus Campinas)
*Universidade Paulista - UNIP (São José Dos Campos)
*Universidade Camilo Castelo Branco - UNICARVALHO
*Universidade Metodista De São Paulo - UMESP
*Centro Universitário De Rio Preto - UNIRP
*Universidade De Santo Amaro - UNISA
*Universidade Metropolitana De Santos - UNIMES
*Universidade Guarulhos - UNG
*Universidade Bandeirantes De São Paulo - UNIBAN
*Faculdade De Medicina Veterinária E Zootecnia - FAMED
*Universidade De Franca - UNIFRAN
*Centro Universitário Das Faculdades Metropolitanas Unidas - FMU
*Faculdade De Ciências Agrárias De Andradina - FCAA
*Centro Universitário Moura Lacerda - CUML
*Centro Universitário Monte Serrat - UNIMONTE
*Centro Universitário Barão De Mauá - CBM
*Universidade Anhembi Morumbi - UAM
*Faculdade De Jaguariúna - FAJ
*Universidade Do Grande Abc - UNIABC
*Faculdades Adamantinenses Integradas - FAI
*Faculdade De Ciências E Letras De Bragança Paulista - FESB
*Centro Universitário Anhanguera - UNIFIAN
*Faculdade Doutor Francisco Maeda - FAFRAM
*Faculdades Integradas De Ourinhos - FIO
*Universidade Cruzeiro Do Sul - UNICSUL
*Faculdade Comunitária De Campinas
*Faculdade De Ciências Sociais E Agrárias De Itapeva - FAIT
*Universidade De São Paulo - USP
*Universidade De Marília - UNIMAR
*Universidade Estadual Paulista - UNESP/Botucatu
*Escola Superior De Agronomia De Paraguaçu Paulista - ESAPP
*Universidade São Marcos - USM
*Universidade Estadual Paulista - UNESP/Jaboticabal
*Universidade Estadual Paulista - UNESP (Campus De Dracena/Sp)
*Universidade Estadual Paulista - UNESP (Campus Ilha Solteira)
*Faculdades Unificadas Da Fundação Educacional De Barretos - UNIFICADAS FEB
*Universidade Federal Rural Do Amazonas
*Universidade Federal Do Pará - UFPA
*Universidade Federal Rural Da Amazônia - UFRA
*Faculdade De Ensino Superior Da Amazônia Reunida - FESAR
*Universidade Federal Fluminense
*Universidad Federal Rural Do Rio De Janeiro

*Universidad Federal Rural Do Rio De Janeiro
*Universidade Estadual Do Norte Fluminense Darcy Ribeiro - UENF
*Faculdade De Ciências Agro-Ambientais - FAGRAM
*Centro Universitário Plínio Leite - UNIPLI
*Centro De Ensino Superior De Valença - CESVA
*Universidade Do Grande Rio Professor José De Souza Herdy - Unigranrio
*Universidade Estácio De Sá - UNESA
*Faculdades Unificadas Serra Dos Órgãos - FESO
*Universidade Severino Sombra - USS
*Centro Universitário De Barra Mansa - UBM
*Universidade Iguaçu - UNIG
*Universidade Estadual Do Ceara
*Universidade Estadual Do Vale Do Acaraú - UVA
*Universidade Federal Do Ceará - UFC
*Universidade Estadual Do Maranhao
*Universidade Estadual Do Maranhão - UEMA (Campus Imperatriz)
*Faculdade De Imperatriz - FACIMP
*Universidade Estadual Do Maranhao - UEMA
*Instituto De Ensino Superior Multiplo - IESM
*Universidade De Alfenas
*Universidade Federal De Viçosa - UFV
*Faculdade De Agronomia E Zootecnia De Uberaba - FAZU
*Universidade Federal Dos Vales Do Jequitinhonha E Mucuri - UFVJM
*Faculdade De Estudos Administrativos De Belo Horizonte - FEAD
*Universidade Estadual De Montes Claros - UNIMONTES
*Centro Federal De Educação Tecnológica De Bambuí - CEFET-Bambuí
*Universidade Estadual De Montes Claros - UNIMONTES
*Universidade Federal De Minas Gerais - UFMG
*Centro Universitário De Patos De Minas - UNIPAM
*Universidade Federal De Vícosea
*Universidade José Do Rosário Vellano - UNIFENAS
*Universidade Federal De Uberlândia - UFU
*Universidade Federal De Lavras - UFLA
*Universidade De Uberaba - UNIUBE
*Pontifícia Universidade Católica De Minas Gerais - PUC/MG (Betim)
*Pontifícia Universidade Católica De Minas Gerais - PUC/MG (Campus Poços)
*Universidade Vale Do Rio Verde - UNINCOR
*Universidade Presidente Antônio Carlos - UNIPAC (Campus Uberlândia)
*Universidade Presidente Antônio Carlos - UNIPAC (Campus Bom Despacho)
*Universidade Presidente Antônio Carlos - UNIPAC (Campus Cons. Lafaiete)
*Faculdade De Ciências Biológicas E Da Saúde - FACISA/UNIVIÇOSA
*Faculdade De Estudos Superiores De Minas Gerais - FEADMINAS
*Centro Universitário De Itajubá - UNIVERSITAS
*Centro Universitário De Formiga - UNIFORMG
*Universidade Federal De Goiás
*Universidade Federal Rural Do Semiárido - UFERSA
*Universidade Federal Do Rio Grande Do Norte - UFRN
*Universidade Federal Rural Do Semi-Árido - UFERSA
*Faculdade Latino Americana - FLA
*Faculdades Integradas Do Planalto Central - FIPLAC
*Instituto Unificado De Ensino Superior Objetivo - IUESO
*Universidade Federal De Goiás - UFG/JATAI
*Universidade De Rio Verde - FESURV
*Universidade Católica De Goiás - UCG
*Universidade Estadual De Goiás - UEG
*Fundação Integrada Municipal De Ensino Superior - FIMES

*Universidade Federal Da Campina Grande UFCG
*Universidad Federal Da Paraiba - UFPB
*Universidade Paranaense Unipar
*Universidade Federal Do Paraná
*Universidade Federal De Santa Catarina
*Universidade Do Contestado - UNC
*Universidade Do Oeste De Santa Catarina - Unoesc - (Campus Xanxerê)
*Universidade Regional De Blumenau - FURB
*Fundação Universidade Do Estado De Santa Catarina - UDESC
*Universidade Do Oeste De Santa Catarina - UNOESC
*Escola Superior Batista Do Amazonas - ESBAM
*Centro De Ensino Superior Nilton Lins - UNINILTON LINS
*Universidade Federal Do Amazonas - UFAM
*Centro De Estudos Superiores De Maceió - CESMAC
*Escola Superior De Ciências Humanas Fís. Biológicas Do Sertão - Funesa - ESSER
*Universidade Federal De Alagoas - UFAL
*Faculdades Integradas "Maria Coelho Aguiar" - FIMCA
*Centro Universitário Luterano De Jiparaná - CEULJI / ULBRA
*Faculdade De Ciencia Biomedicas De Cacoal - FACIMED
*Faculdade De Educação De Porto Velho - UNIPEC
*Universidade De Brasília - UNB
*Faculdade De Ciências Agrárias Do Planalto Central - AGROPLAC
*Faculdades Integradas Da União Pioneira De Integração Social - UPIS
*Faculdade Da Terra De Brasília
*Centro Universitário Vila Velha - UVV
*Universidade Federal Do Espírito Santo - UFES
*Faculdade De Castelo - FACASTELO
*Centro Universitário De Vila Velha
*Faculdade Pio Décimo - FPD
*Universidade Federal De Sergipe - UFS
*Universidade Castelo Branco
*Fundação André Arcos
*Fac. Ciências Agro-Ambientais
*Univ Federal Fluminense
*Univ. Federal Rural RJ
*Universidade Estadual de São Paulo- Campus Botucatu
*C. Universitário Faculdades Metropolitanas Unidas
*Fundação de Ensino Superior de Bragança Paulista
*C Univ Fundação de Ensino Octávio Bastos
*UPIS - Faculdades Integradas
*Universidade Estadual de Mato Grosso do Sul
*ESAPP Escola Superior de Agronomia de Paraguaçu Paulista
*Universidade Federal do Paraná (UFPR)
*UNICENTRO – Univ. Estadual do Centro-Oeste
*Univ. Estadual do Sudoeste da Bahia
*Faculdades Integradas Espírita
*Univers. da Região da Campanha – Bagé
*URCamp – Univers. da Região da Campanha - Alegrete
*Universidade Luterana do Brasil
*Universidade Federal Fluminense
*UFRRJ – Univers. Federal Rural do RJ
*Unigranrio – Universidade Grande Rio
*UFPI - Universidade Federal do Piauí
*FTB – Faculdade Terra de Brasília
*Associação de Ensino e Cultura Pio Décimo
*EBMSP - Escola Bahiana de Medicina e Saúde Pública

*UESC - Universidade de Santa Cruz
*UEFS – Universidade Estadual de Feira de Santana
*UFERSA - Universidade Federal Rural do Semi-Árido
*ESSER - Escola Sup Ciências Humanas, Físicas e Biológicas do Sertão
*Centro Universitário Nilton Lins
*FUNESA – Fundação Universidade Estadual de Alagoas
*CIES - Centro Integrado de Ensino Superior - Campo Mourão
*UFPel – Universidade Federal de Pelotas
*UNIFOA – Universidade de Volta Redonda
*Faculdades Associadas de Uberaba - FAZU
*Centro Federal de Educação Tecnológica de Rio Verde (CEFET)
*Universidade de Barra Mansa (UBM).
*Instituto de Zootecnia – Nova Odessa- SP
*FZEA-USP
*UDESC-SC
*UFP- Palotina
*Faculdade Tuiuti
*Apta- Agencia Paulista de Agronegócios
*Instituto Biológico de SP
*FAJ- Faculdade de Jaguariúna
*Universidade UNIP
*Faculdade castelo Branco- Ribeirão Preto
*Universidade Estadual do Maranhão
*Universidade Federal do Ceará
*Universidade Estadual do Piauí - UESPI
*Universidade Federal Rural do Rio de Janeiro - UFRRJ
*UNIFESO – Teresópolis
*Faculdade Comunitária de Campinas

United Kingdom

University of Nottingham
*University of Bristol
*University of Edinburgh
*Harper Adams University College
*Warwickshire college, Moreton Morrell Campus
University of Liverpool
*Hartpury College
* Royal Veterinary College
*Reaseheath College
*Guildford College
*Canterbury College
*University of Cambridge
*Anglia Ruskin university
*Universtiy of Worcester
*Berkshire College of Agriculture
Solihull College
*Cardiff University
*Cornwall College Newquay
*Roslin Institute
*Sparsholt College
*The College of West Anglia, Milton Centre
*University College Chester
*University of Glamorgan, Pencoed College

- *University of Glasgow
- *University of Lincoln
- *University of Stirling
- *University of Wales, Aberystwyth

Europe

- *University College Dublin – Dublin, Ireland
- *Ecole Nationale Veterinaire d'Alfort - France
- *Ecole Nationale Veterinaire de Lyon- France
- *Ecole Nationale Veterinaire de Nantes- France
- *Ecole Nationale Veterinaire de Toulouse- France
- *Eesti Maaulikool (Estonian University of Life Sciences) – Estonia
- *University of Tartu- Estonia
- *Utrecht University, Faculty of Veterinary Medicine – The Netherlands
- *Animal Sciences Group, Wageningen UR– The Netherlands
- *HAS Den Bosch– The Netherlands
- *Van Hall Instituut– The Netherlands
- *University of Agricultural Sciences and Veterinary Medicine, Faculty of Veterinary Medicine - Romania
- *Universite de Liege – Belgium
- *L'Université Libre de Bruxelles – Belgium
- *Universite de Liege– Belgium
- *Universiteit Gent– Belgium
- *Katholieke Universiteit Leuven– Belgium
- *Ludwig-Maximilians-Universität – München, Germany
- *Georg-August-Universität Göttingen – Göttingen, Germany
- *Freie Universität Berlin – Berlin, Germany
- *Stiftung Tierärztliche Hochschule Hannover - Hannover – Germany
- *Justus-Liebig-Universität Giessen – Giessen, Germany
- *University of Applied Science – Osnabrueck, Germany
- *Fachbereich Veterinarmedizin- Germany
- *Kurt Neubert Engineer School of Veterinary Medicine- Germany
- *Karl-Marx University- Germany
- *Universitat Leipzig- Germany
- *Universität Bern – Bern, Switzerland
- *Universität Zürich – Switzerland
- *Veterinärmedizinische Universität Wien – Wien, Austria
- *University of Padova – Legnaro, Italy
- *University of Messina – Italy
- *Università Degli Studi di Milano - Italy
- *Università Degli Studi di Torino - Italy
- *Università di Pisa- Italy
- *Università Degli Studi di Bari- Italy
- *Università Degli Studi di Messina- Italy
- *Università Degli Studi di Napoli Federico II- Italy
- *Università Degli Studi di Parma- Italy
- *Università Degli Studi di Perugia- Italy
- *Università Degli Studi di Sassari- Italy
- *Università Degli Studi di Padova- Italy
- *Università di Bologna- Italy
- *Università Degli Studi di Teramo- Italy
- *Uludag University Veterinary Faculty – Turkey
- *Istanbul University, Faculty of Vet medicine – Istanbul, Turkey

*Ataturk University- Turkey
*Firat University- Turkey
*Harran University- Turkey
*Kafkas University- Turkey
*Selcuk University- Turkey
*Univeristy of Uludag- Turkey
*University of Ankara- Turkey
*University of Istanbul- Turkey
*Yuzuncu Yil University- Turkey
University of Zaragoza – Spain
*Facultad de Veterinaria Universidad de Extremadura – Badajoz, Spain
*University de Santiago de Compostela – Spain
*Universidad de Las Palmas de Gran Canaria– Spain
*Universidad de León– Spain
*Universidad de Madrid– Spain
*Universidad Complutense Madrid– Spain
*Universidad de Cordoba– Spain
*Universidad Autonoma de Barcelona– Spain
*Universidad de Murcia- Spain
*Aristotle University of Thessaloniki – Greece
*University of Thessaly – Greece
*Agricultural University of Tirana – Albania
*Thracian University – Bulgaria
*University of Zagreb – Croatia
*University of Veterinary & Pharmaceutical Sciences Brno – Czech Republic
*Royal Veterinary & Agricultural University – Denmark
*University of Copenhagen – Denmark
*University of Helsinki-Finland
*University of Kuopio – Finland
*Szent István University – Hungary
*Latvia University of Agriculture – Latvia
*Lithuanian Veterinary Academy – Lithuania
*Ss Cyril Methodius University Skopje – Macedonia
*Kishinev Agricultural Institute- Moldova
*State Agrarian University of Moldova- Moldova
*Norwegian University of Life Sciences – Norway
*Norwegian School of Veterinary Science– Norway
*The Norwegian Food Safety Authority– Norway
*Kortowo – Poland
*Agricultural University of Wroclaw– Poland
*The Collegium Maius– Poland
*University of Agriculture– Poland
*Warsaw Agricultural University– Poland
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*Universidade de Trás-os-Montes e Alto Douro- Portugal
*Universidade do Porto- Portugal
*Escola Universitária Vasco da Gama- Portugal
*Universidade Lusófona de Humanidades e Tecnologias- Portugal
*Universidade de Évora- Portugal
*University of Agricultural Sciences and Veterinary Medicine, Cluj Napoca- Romania
*Institutul Agronomic- Romania
*Institutul Agronomic Ion Ionescu de la Brad- Romania
*University of Agronomical Sciences and Veterinary Medicine of Bucharest - Romania
*Spiru Haret University- Romania
*Universite de Dakar – Serbia
*University of Belgrade – Serbia

**Novi Pazar International University*- Serbia
**University of Veterinary Medicine* – Slovakia
**University of Ljubljana* – Slovenia
**Swedish University of Agricultural Sciences* – Sweden
**Bila Tserkva State Agrarian University* – Ukraine
**Dnipropetrovsk Agricultural Institute*– Ukraine
**Kamenets-Podolskii Agricultural Institute*– Ukraine
**Kharkovski Agricultural Institute*– Ukraine
**Kharkovski Zoology & Veterinary Institute*– Ukraine
**Lviv Institute Zootechny and Veterinary Medicine*– Ukraine
**National Agricultural University*– Ukraine
**Odessa Agricultural Institute*– Ukraine
**University of Sarajevo - Bosnia & Herzegovinia*

Russia

**Altay State Agrarian University*
**Belgorod State Agricultural Academy*
**Bashkir State Agrarian University*
**The Far East State Agrarian University*
**Buryat State Agricultural Academy*
**Chuvash State Agricultural Academy*
**Dagestan State Agricultural Academy*
**Don State Agrarian University*
**Nizhniy Novgorod State Agricultural Academy*
**Gorsky State Agrarian University*
**Ivanovo State Agricultural Academy*
**Izhevsk State Agricultural Academy*
**Irkutsk State Agricultural Academy*
**Kabardino-Balkarian State Agricultural Academy*
**Kazan State Academy of Veterinary Medicine*
**Vyatka State Agricultural Academy*
**Kostroma State Agricultural Academy*
**Krasnoyarsk State Agrarian University*
**Kubanska Agricultural Institute*
**Kursk State Agricultural Academy*
**Moscow State Academy of Veterinary Medicine and Biotechnology*
**Novosibirsk State Agrarian University*
**Omsk State Agrarian University*
**Orel State Agricultural Academy*
**Orenburg State Agrarian University*
**Primorsky Agricultural Institute*
**Saratov State Agrarian University*
**St.-Peterburg State Academy of Veterinary Medicine*
**Stavropol State Agrarian University*
**Ural State Institute of Veterinary Medicine*
**Tyumen State Agricultural Academy*
**Ulyanovsk State Agricultural Academy*
**Vologda State Dairy Academy*
**Voronezh State Agrarian University*
**Yakutia State Agricultural Academy*

Australia and New Zealand

**Faculty of Health Sciences, Murdoch University – Australia*
**The University of Adelaide – Australia*
**Charles Sturt University – Wagga Wagga – Australia*
**University of Adelaide – Adelaide, Australia*
**University of Queensland – Queensland, Australia*
**University of Sydney – Australia*
**James Cook University – Australia*
**Monash University – Australia*
**Murdoch University – Australia*
**The University of Western Australia – Australia*
**University of Melbourne – Australia*
**University of New South Wales – Australia*
**Massey University – New Zealand*
**Lincoln University – New Zealand*
**University of Auckland – New Zealand*
**University of Otago – New Zealand*

Africa

* *Department de Medicine et Cirurgie - Institut Agronomique et Veterinaire Hassan II – Morocco*
**University of Pretoria – Pretoria, South Africa*
**University of Stellenbosch – South Africa*
**Jigjiga University – Ethiopia*
**University of Addis Ababa – Ethiopia*
**Mikolongwe College of Veterinary Sciences – Malawi*
**Benha University – Egypt*
**Cairo University – Egypt*
**Zagazig University – Egypt*
**Cairo University – Egypt*
**University of Alexandria – Egypt*
**Suez Canal University – Egypt*
**Cairo University – Egypt*
**University of Assiut – Egypt*
**Ecole Nationale Veterinaire – Algeria*
**University of Agostinho Neto – Angola*
**Institut Supérieur Agronomique et Veterinaire Valéry Giscard d'Estaing de Faranah – Guinea Republic*
**University of Nairobi – Nairobi*
**Al-Fateh University – Libya*
**Omar El Mukhtar University – Libya*
Universidade Eduardo Mondlane – Mozambique
**Faculty of Veterinary Medicine, Usmanu Danfodiyo University – Nigeria*
**Ahmadu Bello University – Nigeria*
**University of Ibadan – Nigeria*
**University of Maiduguri – Nigeria*
**University of Nigeria – Nigeria*
**Université de Dakar – Senegal*
**Faculty of Veterinary Medicine & Animal Production – Somalia*
**University of Khartoum – Sudan*
**Sokoine University of Agriculture – Tanzania*

*Ecole Nationale de Medecine Veterinaire – Tunisia
*Makere University – Uganda
*Universite de Lubumbashi - DRC
*University of Zambia – Zambia
*University of Zimbabwe – Zimbabwe

North America and Canada

*Cornell University, College of Veterinary Medicine – New York, USA
*UC Davis, School of Veterinary Medicine – CA, USA
*Washington State University – WA, USA
*Wilson College – PA, USA
*Tufts Cummings School of Veterinary Medicine – MA, USA
*Ohio State University – Ohio, USA
*Michigan State University – Michigan, USA
*Kansas State University – Kansas, USA
*University of Texas – Texas, USA
*University of Vermont – Vermont, USA
*Delaware Valley College – PA, USA
*Joliet Junior College – Illinois, USA
*Auburn University – USA
*Colorado State University– USA
*Cornell University– USA
*Iowa State University– USA
*Kansas State University– USA
*Louisiana State University– USA
*Mississippi State University– USA
*Montana State University– USA
*North Carolina State University– USA
*Oklahoma State University– USA
*Oregon State University– USA
*Purdue University– USA
*Texas A&M University– USA
*Tuskegee University– USA
*University of Arizona– USA
*University of Florida– USA
*University of Georgia– USA
*University of Illinois at Urbana-Champaign– USA
*University of Minnesota– USA
*University of Missouri-Columbia– USA
*University of Nevada– USA
*University of Pennsylvania– USA
*University of Tennessee– USA
*University of Wisconsin-Madison– USA
*United States Department of Agriculture– USA
*Utah State University– USA
*Virginia Tech– USA
*Washington State University– USA
*Western University– USA
*University of Alberta- Canada
*Univeristy of Guelph- Canada
*Universite de Montreal- Canada
*University of Prince Edward Island- Canada
*University of Saskatchewan- Canada

Middle East

*Dept. of Veterinary Clinical Sciences, Faculty of Veterinary Medicine, Jordan University of Science and Technology – Jordan
*JUST University – Jordan
*Kabul University – Afghanistan
*Shiraz University – Iran
*Tehran University – Iran
*Baghdad University – Iraq
*University of Mosul - Iraq
*Hebrew University of Jerusalem – Israel
*King Faisal University- Saudi Arabia
*King Saud University, Qassim Branch - Saudi Arabia
*Al-Baath University – Syria

Caucasus/transcontinental regions and others

*Yerevan Institute of Zoology and Vet Medicine – Armenia
*Azerbaijan State Agricultural Academy – Azerbaijan
*Georgian Academy of Sciences – Georgia
*Almaty Institute of Zoology- Kazakhstan
*Semey State University of Shakarim- Kazakhstan
*Tselinograd Agricultural Institute - Kazakhstan
*Tadjik Agricultural Institute – Tajikistan
*Turkmenian Agricultural Institute – Turkmenistan
*Samarkand Agricultural Institute – Uzbekistan

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