



## E-Learning Developments in Veterinary Medicine

Dr Deirdre Campion & Diane Cashman - UCD Veterinary Medicine

31<sup>st</sup> May 2011, UCD School Heads of Teaching and Learning e-Learning Symposium



# Veterinary Medicine e-learning Initiatives

Continuing Veterinary  
Education

Non Accredited  
Part-time

Graduate Taught  
Programmes

Accredited  
Part-time

## Continuing Veterinary Education

- ❖ Mandatory for veterinary practitioners and nurses to maintain their registration in the Republic of Ireland
- ❖ UCD - develop and offer online, distance learning CVE offerings
- ❖ 3 CVE credit offerings



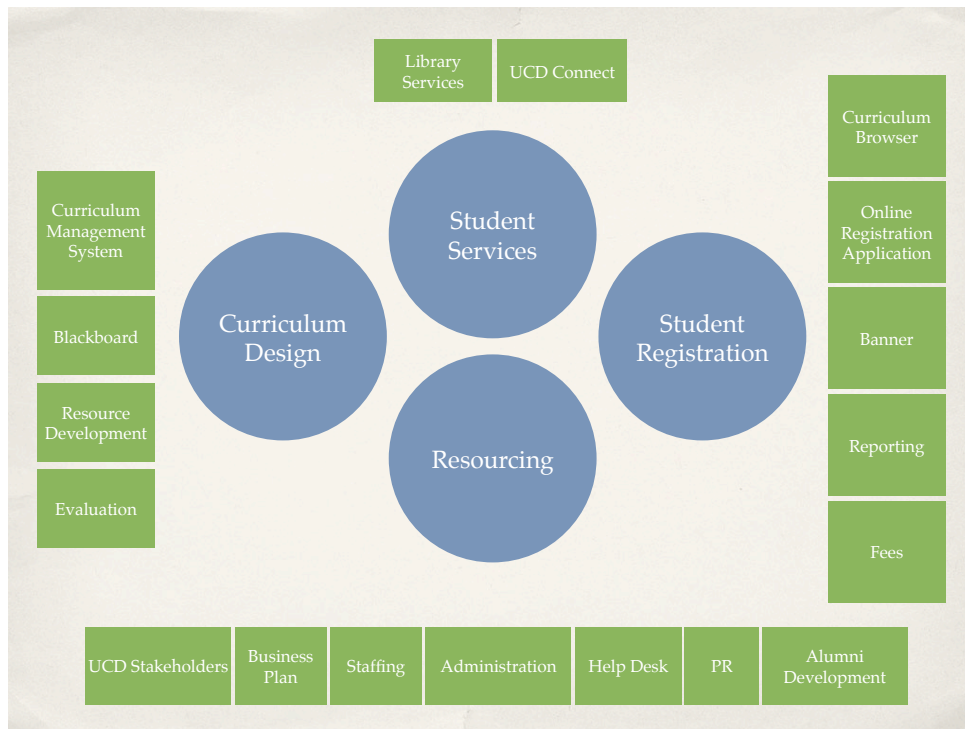
## Micro CVE Offerings

- ❖ How can we provide **non-accredited** educational offerings using existing UCD systems?
- ❖ **Requirements:**
  - ❖ User-friendly CVE online-portal
  - ❖ Use Blackboard for delivery
  - ❖ Access to online Library
  - ❖ Tracking and Reporting

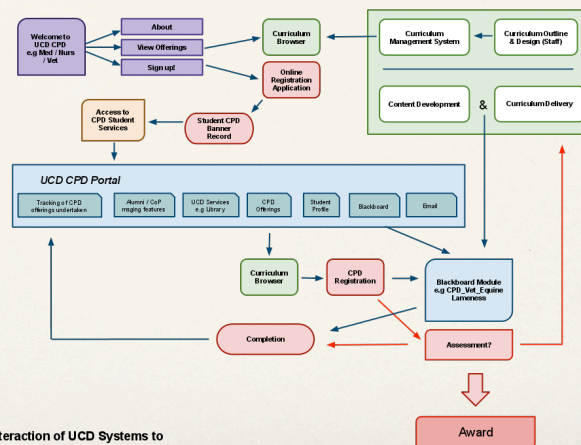
Interactive Case Study

Online Lecture

Moderated Case Discussion



# College of Life Science CPD Forum



Interaction of UCD Systems to Enable CPD



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## Continuing Veterinary Education

**1 EXPLORE** **2 SIGN UP** **3 LOG IN**

### Welcome

Changes in agricultural practice, trends in domestic animal ownership and increasing internationalisation mean that veterinary practitioners are faced with new challenges every day.

While vets and vet nurses have continually developed their professional and clinical skills throughout their careers, the new mandatory requirement for Continuing Veterinary Education (CVE) brings to the fore the need for relevant, timely courses to meet practitioners' needs.

Through the UCD CVE programme, we will offer a range of flexible online, distance and on-campus courses for veterinary practitioners and veterinary nurses. Our first online offerings include *Bandaging in Companion Animals*, *treating Palmar Foot Pain in the Horse*, and dealing with *Allergic Skin Diseases in Dogs*. Members of the UCD CVE learning Community also gain access to online UCD Veterinary Library and it's extensive online collection of journals and other resources.

These online offerings bring CVE to your desktop. We hope you find them of benefit, and always welcome your suggestions for further development.

With best wishes,  
Grace  
Grace Mulcahy  
Dean of Veterinary Medicine, University College Dublin

### SPOTLIGHT

**5 CVE CREDITS, July 22 UCD, Dublin**

Veterinary Ireland and UCD are joining forces this summer to host a free seminar for equine vets. The seminar will be held at UCD, with top quality international speakers.

## CVE Portal

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## Find the right course for you

**1 EXPLORE** **2 SIGN UP** **3 LOG IN**

Explore + Sign up + Log in

### Explore

The UCD CVE programme offers flexible short courses online and on campus. The courses are designed to enable veterinary practitioners and nurses to participate in continuing veterinary education and are priced individually for members of the CVE learning community.

As our courses fall under the VCI category of Assesed Self-Education Courses (Online / Distance Learning) it is possible to acquire all your annual CVE credits by completing at least 7 of our offerings, or by combining 5 of our offerings with home study of the professional veterinary literature which you can access via our online library.

Our CVE offerings are displayed below. Simply click on any of the titles to find out more, and to discover the right course for your needs. Only members of the UCD CVE learning community can access the modules, so please sign up or log in now.

#### Small Animal Practice

Please click on a course name to view a brief description.

- Allergic Skin Diseases in Dogs
- Ocular Conditions of the Racing Greyhound - An Atlas of Clinical Appearances 1970-2000
- Leptospirosis and Leptospirosis

### CVE UCD

Today Thursday, 26

- Thursday, 26 May  
Equine Interactive CVE Se
- Wednesday, 15 June  
Free CVE Seminar - Small
- Friday, 22 July  
"HorsePower" Charity Equ  
Displaying events until 31/7. [Look for more](#)

Events shown in

## 13 online offerings & range of seminars

## Current status

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- ❖ Due date for submitting CVE credits is July 31<sup>st</sup>
- ❖ 124 UCD CVE accounts have been requested
- ❖ Ongoing review of system's usability and efficiency
- ❖ Further development required

## Graduate Taught Programmes

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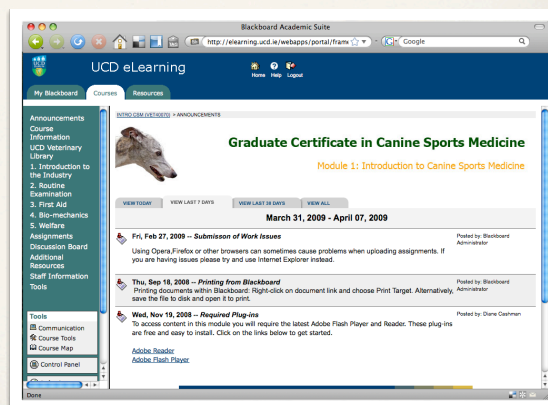


# Requirements

- ❖ Busy full-time veterinarians
  - ❖ Part-time education
  - ❖ Study online time and place that is flexible
  - ❖ Join an online community
  - ❖ Work in groups to solve problems
  - ❖ Apply learning experiences to professional practice


# Grad. Cert. Canine Sports Medicine

- ❖ 30 ECTS
- ❖ Part-time – 12 - 18 Months
- ❖ Distance Education
- ❖ Weekend Sessions in Veterinary Hospital
- ❖ Utilises UCD Blackboard platform for delivery





# Grad. Cert. in Dairy Herd Health




## Graduate Certificate in Dairy Herd Health

UCD School of Agriculture, Food Science and Veterinary Medicine

In the complex milieu of the modern dairy farm, it is the interaction of diseases, their relationship with nutritional strategy and housing environment and the fundamental influence of social and attitudinal factors that make prevention and control of these diseases such a challenge. An integrated approach to herd health will be required to address the complex issues facing Ireland's dairy industry in the 21st century.

The Graduate Certificate in Dairy Herd Health is a direct response to these challenges as it aims to facilitate the delivery of herd health programmes by veterinarians working in the dairy sector and it is based on the disease priority themes that have emerged from the Animal Health Ireland expert opinion (DISH) study [www.anmh.ie/health/animal\\_diseases/dishp\\_murd\\_murpho](http://www.anmh.ie/health/animal_diseases/dishp_murd_murpho)



The programme is designed to offer busy veterinarians the opportunity to participate in part-time education and bring the benefits of:

- Studying online at a time and place that is flexible
- Joining an online community to exchange knowledge and ideas
- Working in groups online to solve in real time all current herd problems
- Applying new learning experiences to professional practice

**Programme Aims**

The programme, which has been developed in consultation with practitioners, bases its learning objectives in a very practical way around the Herd Health Management Cycle as developed by the UCD Herd Health Group. It will equip bovine practitioners with the necessary skills to implement Herd Health and Production Management on dairy farms.

**Delivery**

The programme is offered as an online distance learning experience combined with practical workshops therefore, applicants will be expected to commit to online learning and attend practical workshops in University College Dublin.

**Admission Requirements**

Applicants must possess a degree in veterinary medicine that is registrable with the Veterinary Council of Ireland. An extensive induction to learning online will be provided; however, applicants will also require:

1. Broadband Internet access
2. Access to a computer
3. Basic IT skills (eg the ability to browse the Internet, use email and word processing applications etc.)

**Modules**

- Herd Health Investigation Skills
- Dairy Herd Fertility
- Nutrition and Production Diseases
- Milk Quality and Placenta
- Calf Health and Heifer Rearing
- Bio-secure / Infectious Diseases and Parasitology

**Duration**


The first offering of this programme will run from September 2010 to December 2011.

**How to Apply and Further Information**

For the latest course information and to apply online go to:  
[www.ucd.ie/agfoodvet/dairy\\_herd\\_health.html](http://www.ucd.ie/agfoodvet/dairy_herd_health.html)

**Closing dates: 30<sup>th</sup> July 2010**

**Please note:** It is advisable that applications are made early as places are limited and will be allocated on a first come first served basis to those who meet the admission requirements.

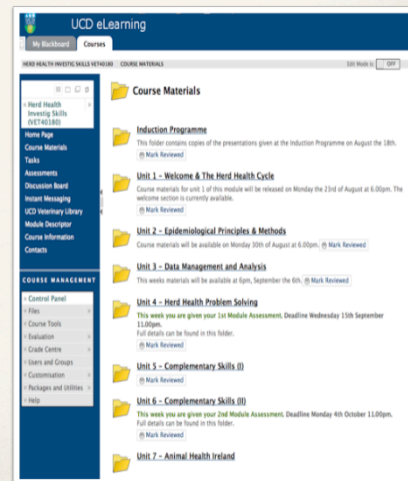


# Teaching & Learning Approach

- ✦ Student-Centred
- ✦ Active
- ✦ Interaction with peers
- ✦ Problem Solving
- ✦ Discussion based
- ✦ Work related

# Development

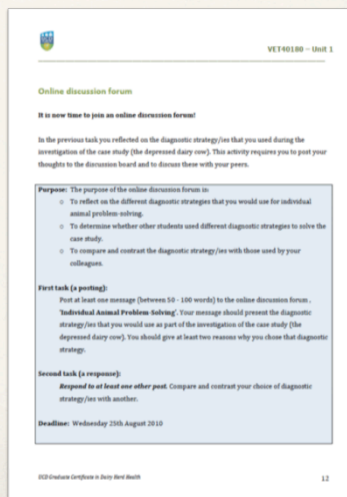
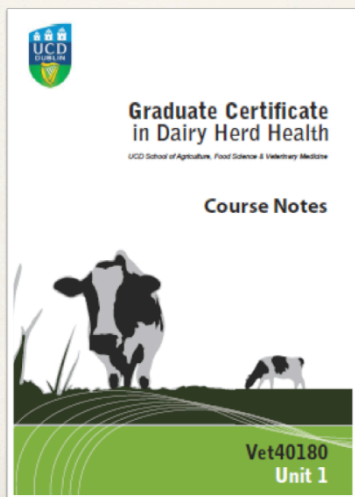
- ❖ 12 month curriculum development & planning
- ❖ 2 month material development
- ❖ 1 admin staff
- ❖ 3 technical support staff
  - Build T&L resources
  - Take queries
- Software and hardware funded by a NDLR grant.



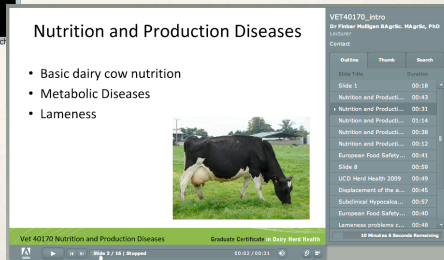
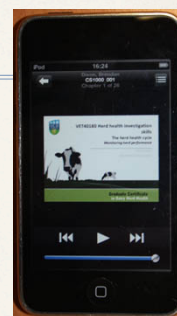
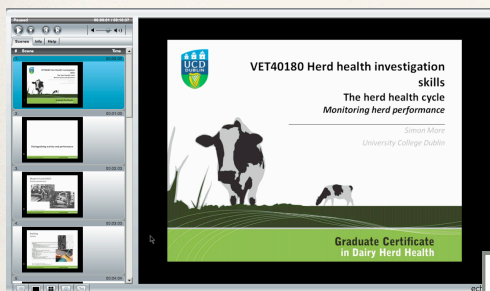
# Online Course Materials



# Printable Versions



# Lectures



# Collaboration

## ❖ Discussion Board Activities

**Discussion Board**

Forums are made up of individual discussion threads that can be organised around a particular subject. Create Forums to organise discussions. [More help](#)

Create Forum  Search

Forum	Description	Total Posts	Unread Posts	Total Participants
Queries		162	0	25
Online Cafe		36	0	13
Induction Programme		44	0	21
Unit 3 - Excel Queries		30	0	13
Unit 3 - Software Queries (FC & ICF)		4	0	4
Unit 6 - Evidence-based Medicine		81	0	26
Unit 7 - Collective Action		71	0	24

Displaying 1 to 7 of 7 items [Show All](#) [Edit Paging](#)

## ❖ Case-based problems

## Groups

**Module Assessment (1) Group 1**  
Unit 4 - Module Assessment ( Not Enrolled )

**Module Assessment (1) Group 2**  
Unit 4 - Module Assessment ( Not Enrolled )

**Module Assessment (1) Group 3**  
Unit 4 - Module Assessment ( Not Enrolled )

**Module Assessment (1) Group 4**  
Unit 4 - Module Assessment ( Not Enrolled )

**Module Assessment (2) Group 1**  
( Not Enrolled )

# Future Plans

2nd cycle  
Jan 2012



Graduate Certificate in  
Canine Sports Medicine  
&  
Graduate Certificate in  
Dairy Herd Health

Expansion



CVE and Graduate Taught  
Offerings

# Acknowledgements

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UCD, Learning Innovation Projects Grants Scheme

UCD Veterinary Medicine Staff

## Any Questions?

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Veterinary Sciences Centre

