



62nd Annual Meeting EAAP 2011
August 29th – September 2nd

Stavanger NORWAY

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Establishing Framework for the European Equine Master Programme

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Isabel Cervantes

Uta Koenig von Borstel

Anna Lena Holgersson

University
of Ljubljana



Biotechnical
Faculty



Universidad
Complutense
Madrid



Georg-August-Universität
Göttingen



Swedish University of
Agricultural Sciences

Objectives

* **Current situation in Equine education**

- ~ Sum up
- ~ Collect information of present Programmes and Courses

* **Curriculum**

- ~ Frame
- ~ Detail - wide accepted

* **Financing for starting program**



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Used terminology

* **Master Programme**

- ~ Level – by Bologna definition
- ~ University „joint“ – to wide to be accepted

* **Programmes** : Complete University study Programme

* **Course**: Subject – part (unit) of the Programme

* **Curriculum**: Detailed description of the programme

* **Syllabus**: Description of the Course



Why such program?

- * „There is many people who like horses but there are no horseman's“ William Martin Rosset
- * Decrease of horse populations after the 2nd WW to 1970s
 - ~ low interest for research and education in horse sector
- * In 1990s rapid increase:
 - ~ in number (horses, breeds per county,...)
 - ~ wide usage in high level
- * Lack of knowledge and educated people in all levels and on(all) many fields



Current situation in Equine education

* Many Interested countries – Universities

- ~ Presented in the Vilnius 2008 Workshop
Education in Equine Science in the EU: new prospects

* Expectance

- ~ The common Programme made from existing – available and some new Courses
- ~ Attractive and informative program
- ~ Easy handle and very flexible programme



Collecting information of interested Countries

- * **Web application**

 - ~ The „Bag of knowledge“

- * **Data at the start point**

 - ~ Collected information from the Vilnius Workshop

- * **Asking interested countries to input own data in to the „Bag of knowledge“**

<http://www.bfro-uni-lj.si/ubu/apex/f?p=108>



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Working Group Education

nobody



Programs

Search Programs

Search Display 15 View all items

Name	Country	Level ▲	University of	Language	Language2	Ects Program	Ects Equine	Desc	Country contact	Email	
-	UK	-	-	-	-	60-90	-		Andrea Ellis	andrea.ellis@ntu.ac.uk	=
-	Denmark	-	-	-	-	-	-		-	=	=
BSc Equine	Austria	BSC Equine	Vienna	-	-	120	-		Dominique Burger	dominique.burger@haras.admin.ch	=
BSc Equine	Iceland	BSC Equine	Agricultural univ. of Iceland	-	-	120	-		-	=	=
BSc Equine	Ireland	BSC Equine	Limerick	-	-	120	-		Frank McGourty	Frank.Mcgourty@ul.ie	=
BSc Equine	Italy	BSC Equine	Parma	-	-	180	-		Francesca Martuzzi	martuzzi@unipr.it	=
BSc Equine	the Netherlands	BSC Equine	Wageningen, Van hal Larenstein	-	-	180	-		Hans van Tartwijk	hans.vanertwijk@wur.nl	=
BSc Equine	Portugal	BSC Equine	Santarém Agri. School	-	-	180	-		Ana Sofia Santos	assantos@utad.pt	=
BSc Equine	Portugal	BSC Equine	Elvas Agri. School	-	-	180	-		Ana Sofia Santos	assantos@utad.pt	=
BSc Equine Science	UK	BSC Equine	Writtle College (-Essex)	English	-	180-240	-		Andrea Ellis	andrea.ellis@ntu.ac.uk	http://www.writtle.ac
BSc Equine Science	UK	BSC Equine	Wales - Aberystwyth	English	-	180-240	-		Andrea Ellis	andrea.ellis@ntu.ac.uk	http://www.aber.ac.uk
BSc Equine	UK	BSC Equine	West England, Hartpury	-	-	180-240	-		Andrea Ellis	andrea.ellis@ntu.ac.uk	=
BSc Equine Management	UK	BSC Equine	Royal Agr. College	English	-	180-240	-		Andrea Ellis	andrea.ellis@ntu.ac.uk	http://rac.ac.uk/studmanagement
BSc Equine Sports Science	UK	BSC Equine	Nottingham Trent Univ.	English	-	180-240	-		Andrea Ellis	andrea.ellis@ntu.ac.uk	http://www.ntu.ac.uk/10/BSc_(Hons)_Equine&st=1&sv=Equine&sl



Courses

Search Courses

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Name	Country	University of	Level	Type	Subject	Language	Language2	ECTS	Desc	Contact	E-mail	Link	Notes	Modified
Introduction in Equine Science	Slovenia	Ljubljana	MSC	On place	Overview	Slovene	-	6		Prof. Peter Dovc, PhD	Peter.Dovc@bfro.uni-lj.si	-	elective subject	08.10.2010
Introduction in Horse Nutrition	Slovenia	Ljubljana	MSC	On place	Nutrition	Slovene	-	3		Prof. Janez Salobir, PhD	Janez.Salobir@bfro.uni-lj.si	-	elective subject	08.10.2010
Introduction in Horse Industry	Slovenia	Ljubljana	BSC	On place	Overview	Slovene	-	6		lecturer Klemen Potočnik, PhD.	Klemen.Potocnik@bfro.uni-lj.si	-	elective subject	08.10.2010
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Horse nutrition	Sweden	Swedish University of Agricultural Sciences	BSC	On place	Nutrition	Swedish	-	7,5		lecturer Anna Jansson, PhD	Anna.Jansson@slu.se	http://www.slu.se/sv/utbildning/kurser/?anmkod=40024.1112	-	17.08.2011
Horse management in rural businesses	Sweden	Swedish University of Agricultural Sciences	BSC	On place	Management	Swedish	-	10		lecturer Anders Herlin PhD	anders.herlin@slu.se	http://www.slu.se/sv/utbildning/kurser/?anmkod=30264.1112	-	17.08.2011
The horse's behavioral biology	Sweden	Swedish University of Agricultural Sciences	BSC	Distance	Ethology and Behaviour	Swedish	-	10		ass lecturer Anna Lundberg	Anna.Lundberg@slu.se	http://www.slu.se/sv/utbildning/kurser/?anmkod=30288.1112	-	17.08.2011
The Biology and Use of the Horse	Sweden	Swedish University of Agricultural Sciences	MSC	On place	Overview	Swedish	English	15		Lina Jönsson	Lina.Jonsson@slu.se	http://www.slu.se/en/education/courses/?anmkod=10065.1112	-	17.08.2011
Equine Breeding and Genetics	Germany	Georg-August Univ. Göttingen	MSC	-	Genetics	German	-	6		Uta König v.B.	koenigvb@gwdg.de	www.uni-goettingen.de/de/95952.html	-	08.10.2010
Exercise- and Trainingsphysiology	Germany	Georg-August Univ. Göttingen	MSC	On place	Training + Exercise Physiology	German	-	6		Prof. G. Breves	gerhard.breves@tiho-hannover.de	http://www.uni-goettingen.de/de/432066.html	Course ist taught at Veterinary University	18.08.2011



Member country user

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User

User administration

UserValid from Valid to

TEST24.08.2010 [Reset password](#)

TEST

ex/f?p=108:261:2127159214133179::NO:261:P261_USER_ID,P261_USER_NAME:61,TEST



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Programs

Insert new program

Search Programs

Search Display 15 View all items

Edit	Name	Country	Level	University of	Language	Language2	Ects Program	Ects Equine	Desc	Country contact	Email	Link	Notes	Modified
	BSc Equine	Austria	BSC Equine	Vienna	-	-	120	-		Dominique Burger	dominique_burger@haras.admin.ch	=	-	08.10.2010
	MSc Part. Equine	Denmark	MSC Part. Equine	Copenhagen	-	-	-	-		-	=	=	-	08.10.2010
	BSc Part. Equine	Finland	BSC Part. Equine	Helsinki	-	-	-	6		Matti Ojala	Matti.Ojala@helsinki.fi	=	-	08.10.2010
	MSc Part. Equine	Finland	MSC Part. Equine	Helsinki	-	-	-	40		Matti Ojala	Matti.Ojala@helsinki.fi	=	-	08.10.2010
	BSc Part. Equine	France	BSC Part. Equine	ENESAD - Caen - Kentucky	-	-	-	-		Sylvie Doare	sylvie.doare@haras-nationaux.fr	=	-	08.10.2010
	MSc Equine	France	MSC Equine	ENESAD - Caen - Kentucky	-	-	84	-		Sylvie Doare	sylvie.doare@haras-nationaux.fr	=	-	08.10.2010
	BSc Agriculture	Germany	BSC Part. Equine	Georg-August Univ. Göttingen	-	-	-	-		-	=	=	-	08.10.2010
	MSc Equine	Germany	MSC Equine	Georg-August Univ. Göttingen	German	-	120	-		Dr. U. König	koenigvb@gwdg.de	http://www.uni-goettingen.de/en/86646.html	-	08.10.2010
	MSc Part. Equine	Germany	MSC Part. Equine	Leipzig	-	-	-	-		Manfred Coenen	coenen@vetmed.uni-leipzig.de	=	-	08.10.2010
	MSc Part. Equine	Greece	MSC Part. Equine	Aristotele, Thessaloniki	-	-	-	-		George Papadomichelakis	gpapad@aua.gr	=	-	08.10.2010
	MSc Part. Equine	Greece	MSC Part. Equine	Technological Institute of Epirus	-	-	-	-		George Papadomichelakis	gpapad@aua.gr	=	-	08.10.2010
	BSc Part. Equine	Hungary	BSC Part. Equine	Budapest	-	-	-	30		Imre Bodo	bodoi@hu.inter.net	=	Developing MSc	08.10.2010
	BSc	Italy	BSC	Agricultural	-	-	120	-		-	=	=	-	08.10.2010



Courses

Search Courses

Insert new course

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	Equine and		Georg-August		On	Training +					Prof. G	gerhard.braue@tho	http://www.uni-	Course ist taught at Veterinary	



Edit Program

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Name

Country

University of

Program Level

ECTS Program

ECTS Equine

Language **Language2**

Description

Contact

E-mail

http://

Notes

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Edit Course

Cancel Create

Name

Country

University of

Course Level

Course Type

Subject

ECTS

Language **Language2**

Description

Contact

E-mail

http://

Notes

Part of Program

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List of Countries

[Cancel](#) [Delete](#) [Submit](#)

<input type="checkbox"/>	Country ▼
<input type="checkbox"/>	the Netherlands
<input type="checkbox"/>	UK
<input type="checkbox"/>	Switzerland
<input type="checkbox"/>	Sweden
<input type="checkbox"/>	Spain
<input type="checkbox"/>	Slovenia
<input type="checkbox"/>	Slovakia
<input type="checkbox"/>	Serbia
<input type="checkbox"/>	Romania
<input type="checkbox"/>	Portugal

row(s) 1 - 10 of 23 [Next >](#)

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KLEMEN

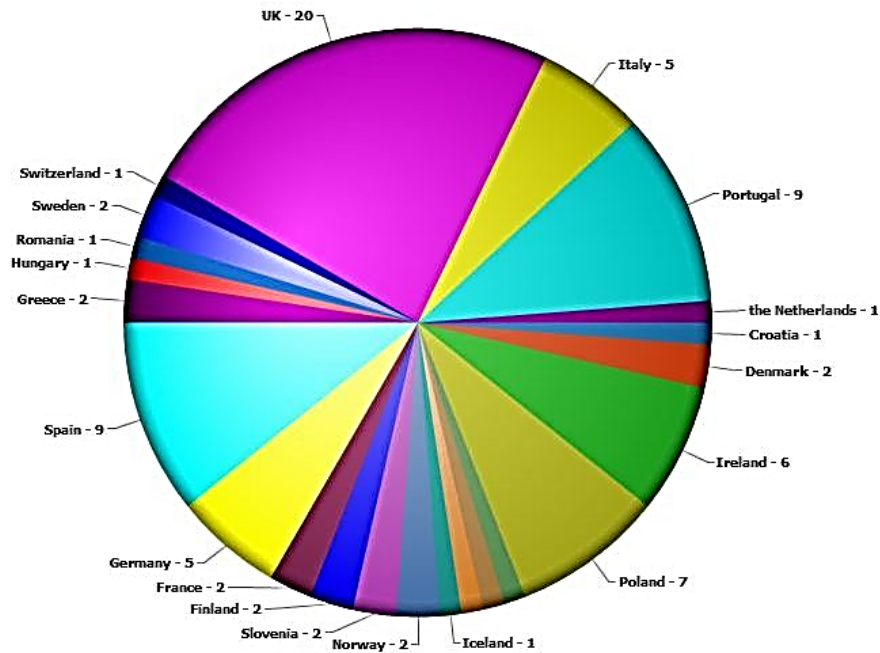


Statistics

Programs

Show number of programs by include nulls

Number of programs (N=84)



Courses

Show number of courses by include nulls course level filter

Number of courses (N=71)

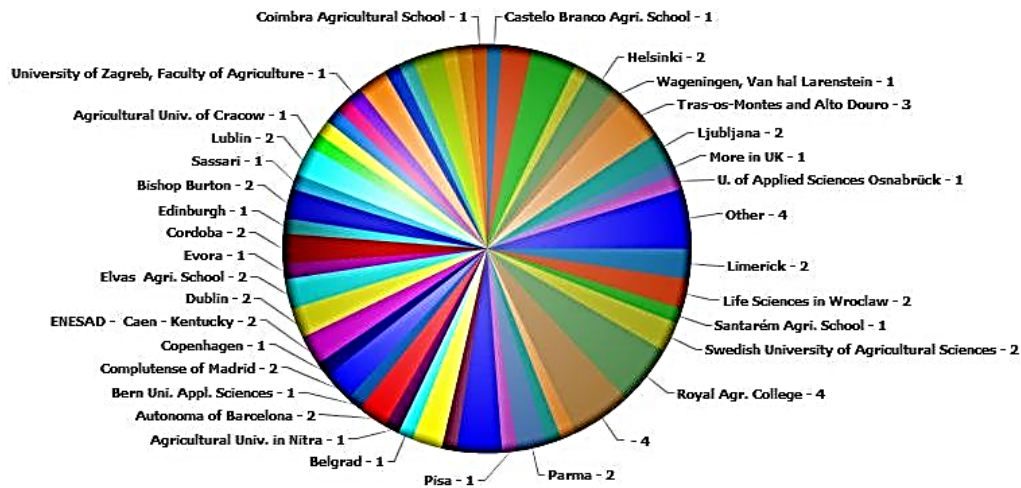


Statistics

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Number of courses (N=71)

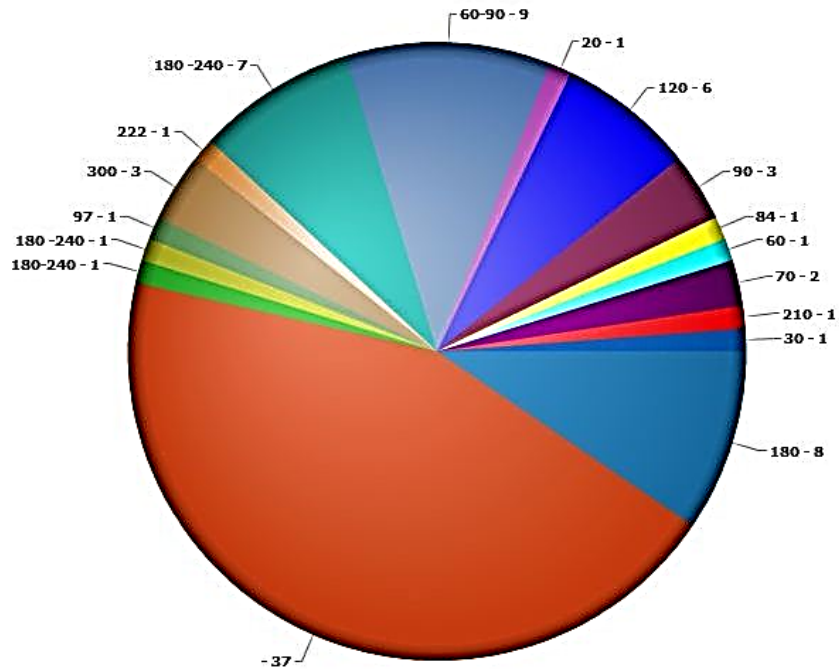


Statistics

Programs

Show number of programs by include nulls

Number of programs (N=84)



Courses

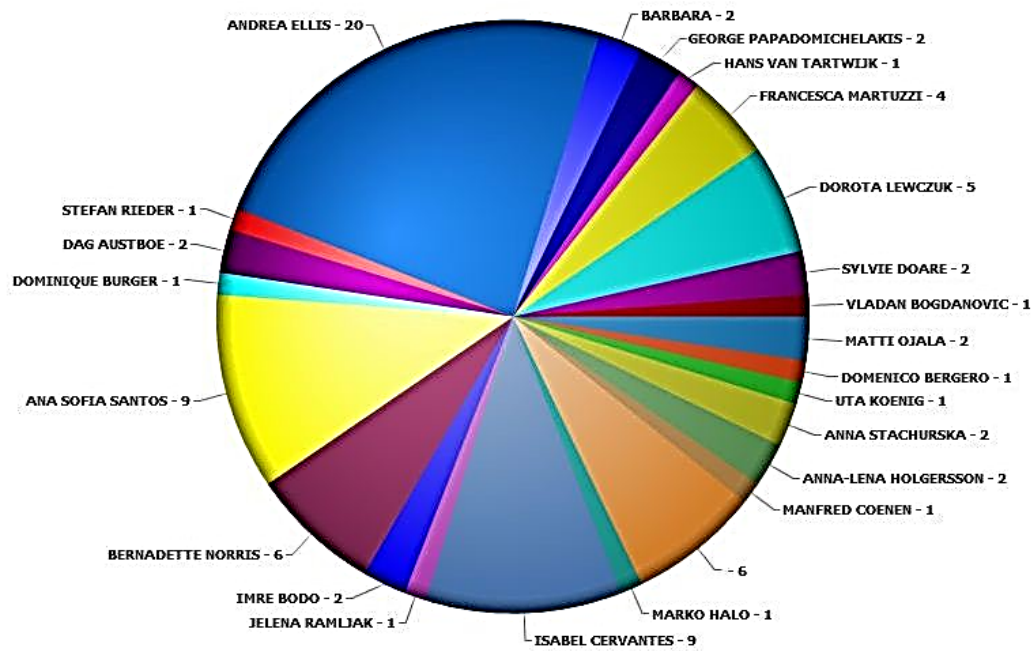


Statistics

Programs

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Number of programs (N=84)



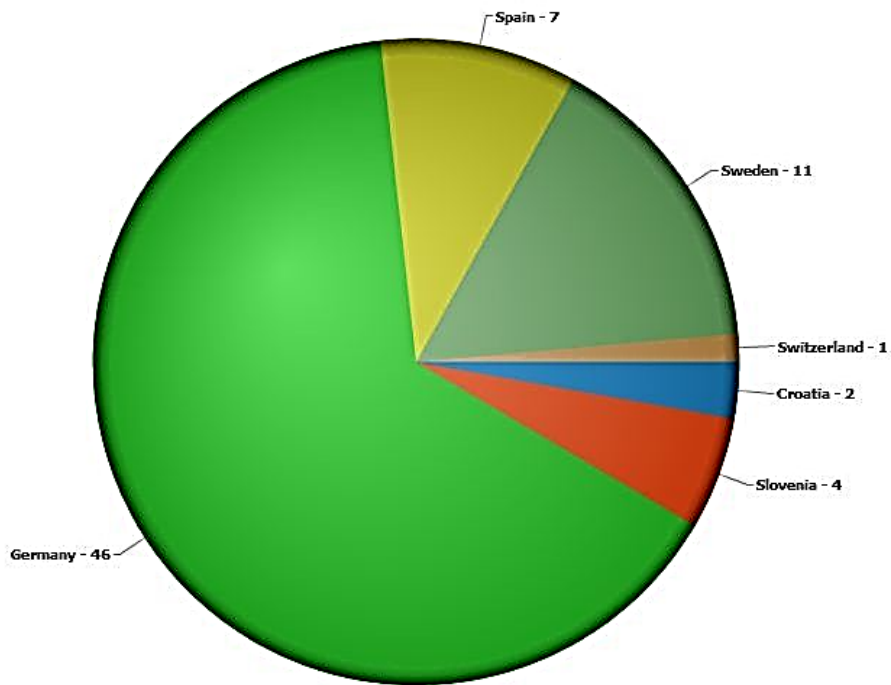
Courses



Courses

Show number of courses by include nulls course level filter

Number of courses (N=71)



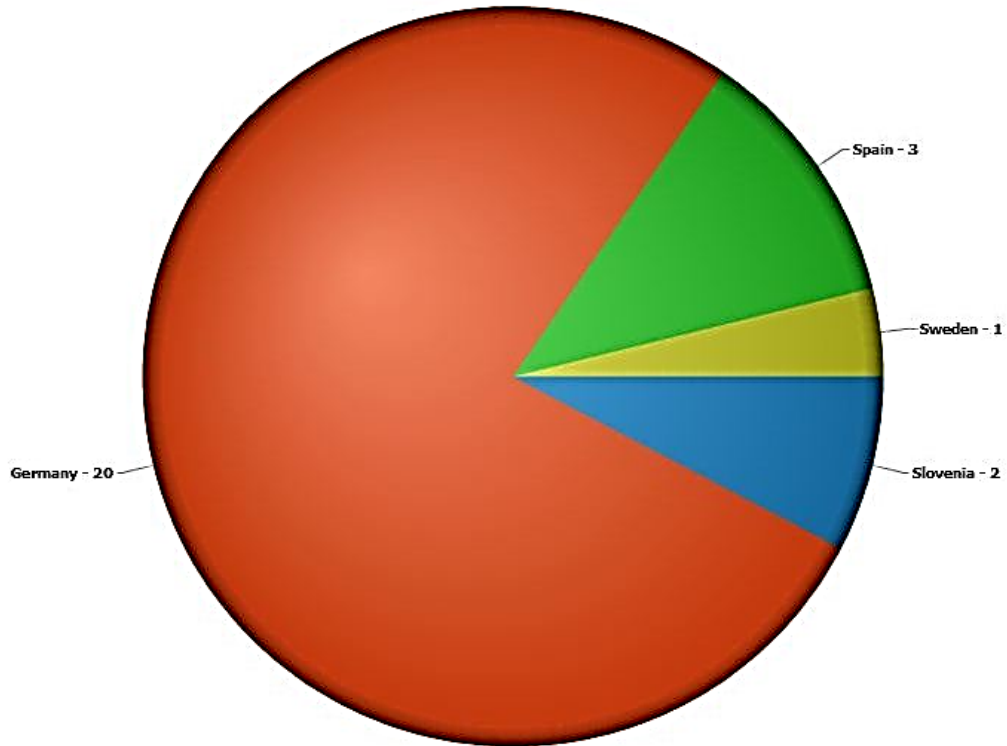
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Courses

Show number of courses by include nulls course level filter

Number of courses (N=26)



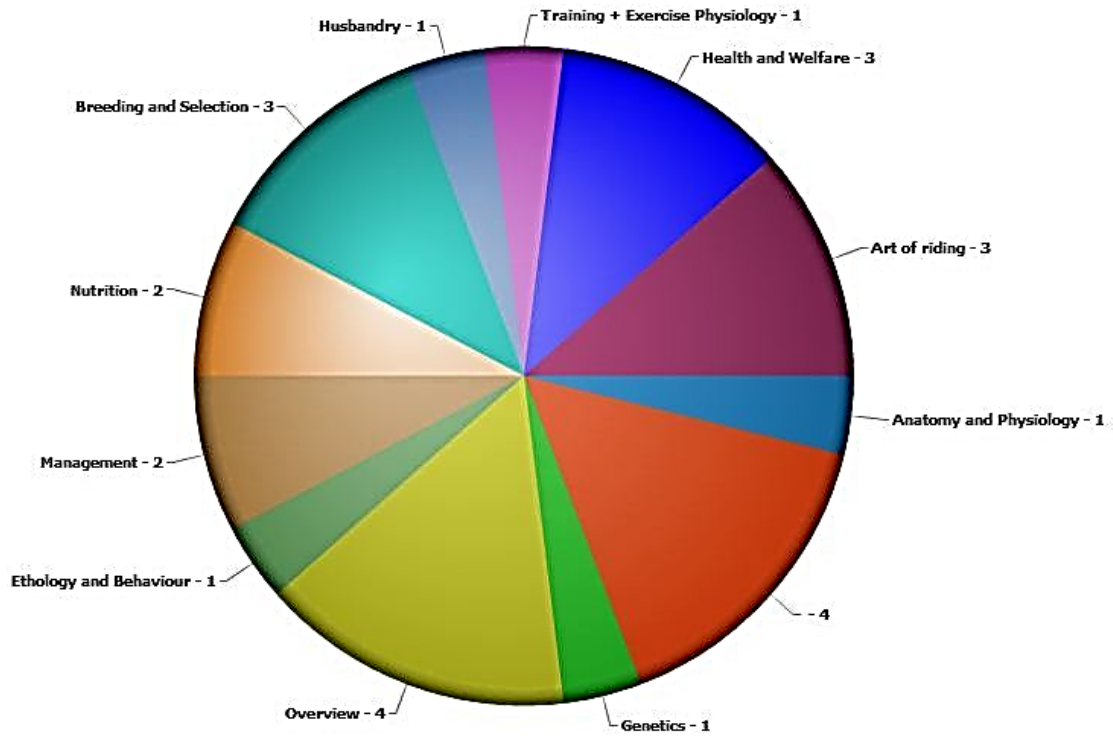
nobody



Courses

Show number of courses by include nulls course level filter

Number of courses (N=26)



nobody



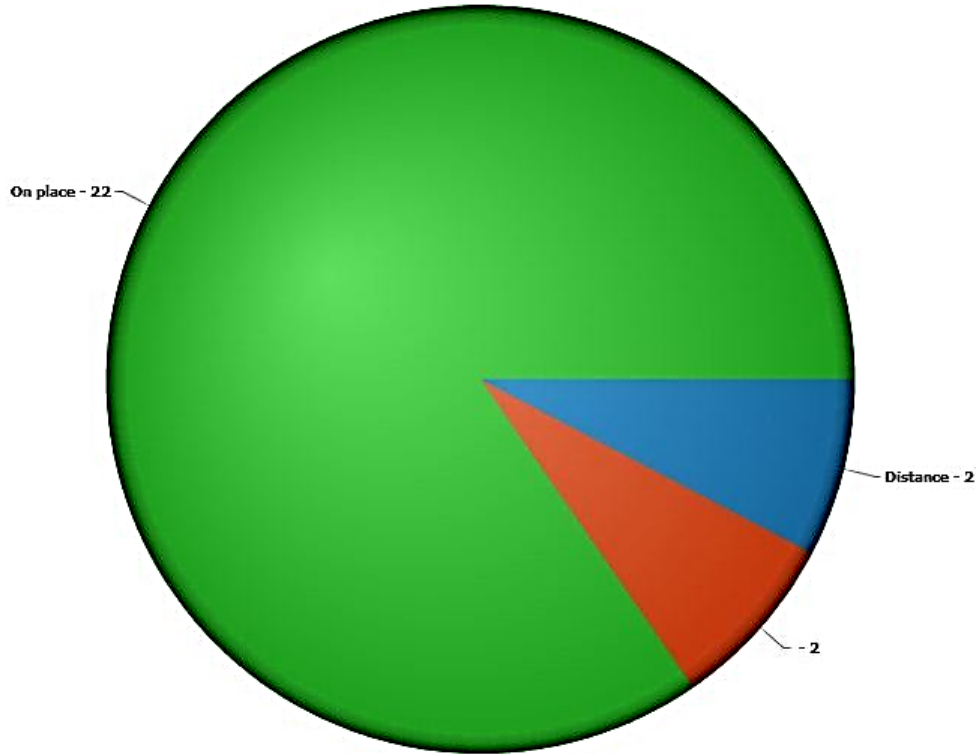
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Courses

Show number of courses by type include nulls yes course level filter MSC

Number of courses (N=26)



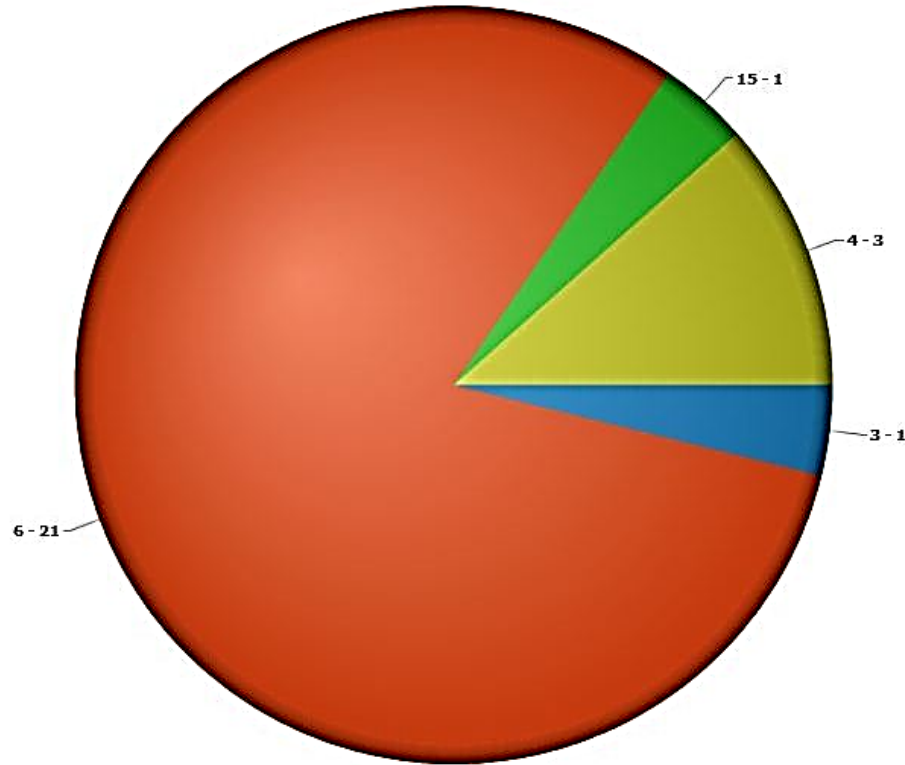
nobody



Courses

Show number of courses by include nulls course level filter

Number of courses (N=26)



nobody



Curriculum

- * **Try to find way to make wide accepted curriculum**
 - ~ Many meetings – brain storming after Vilnius Workshop
- * **Draft version**
 - ~ The draft curriculum of the Programme
 - ~ Have to be discussed



The draft curriculum of the Programme

* Working title

- ~ European Master Certificate in Equine Science
- ~ The word ‚joint‘ is not suitable while for many Universities the Programme is not acceptable

* Structure of collaboration

- ~ Between universities from countries that are members in European Federation of Animal Science (EAAP). Other universities can be invited.



Development of human resources

* that will be capable of:

- ~ understanding, interpreting and carrying out scientific research,
- ~ educational and technical work in the field of horse industry in connection with modern agriculture and society,
- ~ mobility within Europe and networking across borders - universities



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Administrating structure

- * **Within EAAP Horse Commission**
Committee of Equine Science Education,
Equine Master Science Education
 - ~ *Scientific Board* and
 - ~ *Technical Board* will be created
- * **Within participating university**
 - ~ *Study Board* and
 - ~ *Course Directors* will be appointed.



Equine Science Education Scientific Board

* The duties:

- ~Accredit courses/modules to be put into the knowledge bag
- ~Confirm directors for each course/module
- ~Accredit study plans from each member university
- ~Submit the plan and hypothesis for the thesis
- ~Review the thesis



Equine Science Education Technical Board

* The duties:

- ~ Confirm and be the contact for the study board at each member university
- ~ Confirm and be the contact for the study coordinator at each member university
- ~ Supervise



Participating university

Study Board

* The duties:

- ~ To meet the students requests for creating a study plan
- ~ To discuss an agreement with partner university/-ies
- ~ To get the study plan approved by the board of the Faculty at the home university order to get a MSc in Equine Studies
- ~ To announce a study plan for each student to be approved by the EAAP Equine Sc. Education Scientific board in order to get the certificate



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Participating University

Course Director

* The duties:

- ~ Enter a course/module into the international network that can be elected by students in different countries
- ~ Cooperation with *Study Board*
- ~ To care about realization of syllabus



Admission conditions

- * **Undergraduate degree**

BSc in Animal Science / Biology / Equine Science, 180 ECTS

- * **Certificate in English**



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Field of knowledge

- * Anatomy and Physiology
- * Art of driving
- * Art of riding
- * Biometrics
- * Breeding and Selection
- * Developing and Training
- * Ethology and Behaviour
- * Genetics
- * Health and Welfare
- * Husbandry
- * Management
- * Nutrition
- * Overview
- * Training + Exercise
Physiology

Student competency

- * Further develop students' ability to independently integrate and use knowledge,
- * Develop students' ability to deal with complex phenomena, issues and situations, and
- * Develop the students' potential for professional activities that demand considerable independence or for research and development work.”



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Basic goals

- * To develop specific knowledge and skills that will enable students to work in management positions in horse industry in connection to other agriculture-related fields, as well as in the field of education
- * To develop a good foundation of knowledge needed to understand pursue further studies at the doctoral level.



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The educational framework

1 st year		2 nd year	
1 st semester	2 nd semester	3 rd semester	4 th semester
Compulsory courses 30 ECTS	Compulsory courses 15 ECTS		Thesis 30 ECTS
	Elective courses 15 ECTS	Elective courses 30 ECTS	

Compulsory courses

Breeding and selection
 Nutrition
 Genetics
 Anatomy
 Managment
 Economy

Elective courses

Ethology
 Buildings
 Art of riding/driving
 Health/Welfare
 Selection and inbreeding
 Therapeutic riding



Practical or part practical course

- * Attendance of the practical course at the facilities provided by the course director
- * Certification of a local lecturer will take place beforehand by the course director. This local lecturer will then hold a licence to carry out the practical course for students locally.



Degree

- * The student will develop their study plan together with their course director to ensure that they meet the requirements for the degrees offered by the participating universities..
- * The EAAP European Masters Certificate in Equine Science will be issued after passing courses 120 ECTS, including a written thesis and oral thesis defence



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Degree nostrification

a process of granting recognition to a degree from a foreign university

- * First start of the program
 - ~ Not famous – popular - well-known
- * Each partner – University can find the way to meet criteria for nostrification of diplomas



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Financing of the Programme

* Suggested

- ~ Erasmus, L. da Vinci, ... ☹️
- ~ EAAP supported ?

* New IDEAs


- ~ Money for some first start years
- ~ <http://i4c.eu/>
- ~ <http://www.fabretp.info/>
- ~ Looking for help in this area



Conclusions

* Current situation in Equine education

~ Sum up 

~ Collect information of present programs and Courses 

* Curriculum

~ Frame 

~ Detailed - wide accepted 

* Financing for starting program

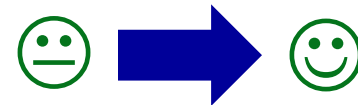


Future plan

* Current situation in Equine education

~ Sum up ☺

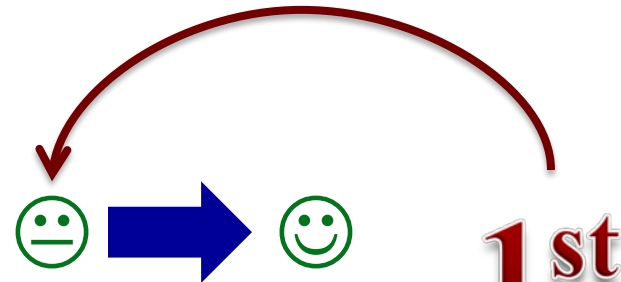
~ Collect information of present programs and Courses



* Curriculum

~ Frame ☺

~ Detailed - wide accepted



* Financing for starting program



Thank you for your attention

