



A new way to maintain and publish the University's course descriptions (ECTS)

Inge Wullaert & Hilde Vanhaute
(KU Leuven)

HERUG 2014 – Montevideo



All programmes

Search for a programme of study

Search for a course

Academic Year 2014-2015

All programmes

English-language programmes of study

Programmes en français

Programa en español

Archive



Programmes by faculty

Reset

- | | |
|--|--|
| Faculty of Theology and Religious Studies | Faculty of Science |
| Institute of Philosophy | Faculty of Engineering Science |
| Faculty of Canon Law | Faculty of Bioscience Engineering |
| Faculty of Law | Faculty of Engineering Technology |
| Faculty of Economics and Business (FEB) | Faculty of Architecture |
| Faculty of Social Sciences | Faculty of Medicine |
| Faculty of Arts | Faculty of Pharmaceutical Sciences |
| Faculty of Psychology and Educational Sciences | Faculty of Kinesiology and Rehabilitation Sciences |



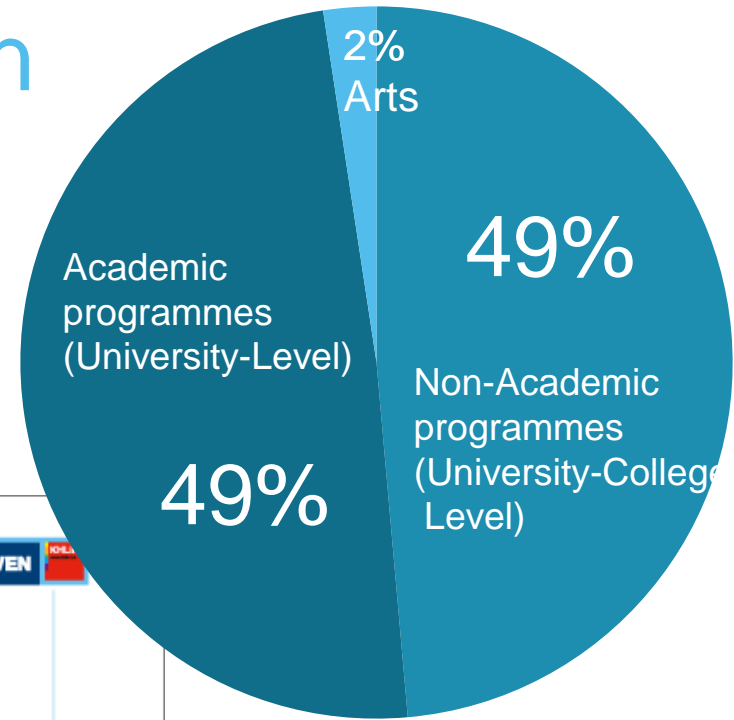
European Credit Transfer and Accumulation System



KU Leuven & Association

**ASSOCIATIE
KU LEUVEN**

> 110.000 students
> 22.000 staff members

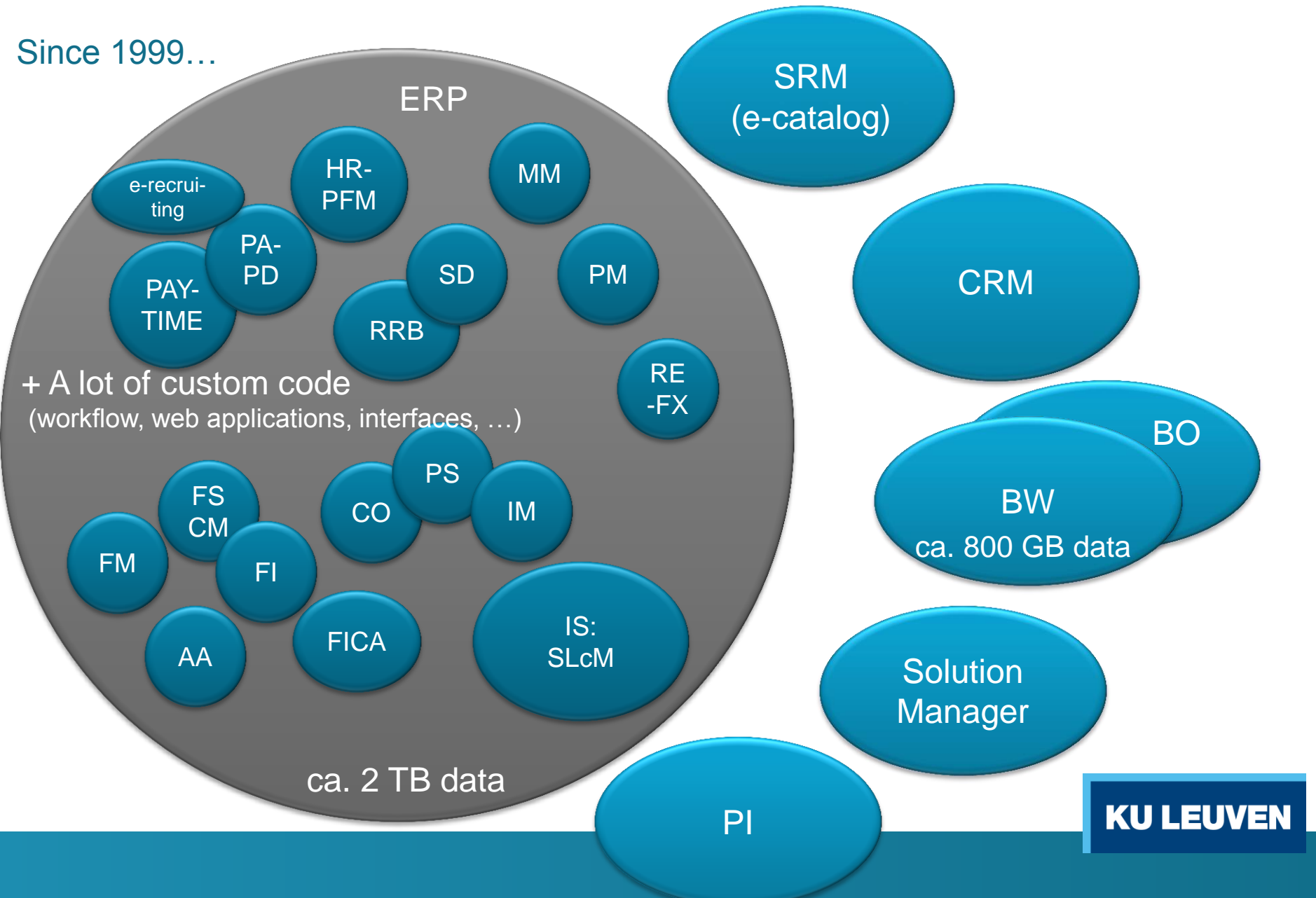


KU LEUVEN



SAP @ KU Leuven

Since 1999...



Central IT Department

Total: 215 FTE

SAP CC: 94 FTE

CIO



Competence
Centre
Management
Information

ICTS
Administrative
Office

Customer & Service Centre

- Customer & service managers
- IT Vendor & Purchasing mgmt
- ICTS Helpdesk, communication & training

Facilities for Education, Research, Communication and Collaboration

- Inter- and Intranet
- Facilities for Education
- Facilities for Research
- Communication & Collaboration
- Competence Centre Information Security

Administrative Applications for General Management

- Finance
- Logistics
- Human Resources
- SAP Basis & ICTS



Administrative Applications for University management

- Students
- Education
- Individual Study programmes & Exams
- Research
- CRM



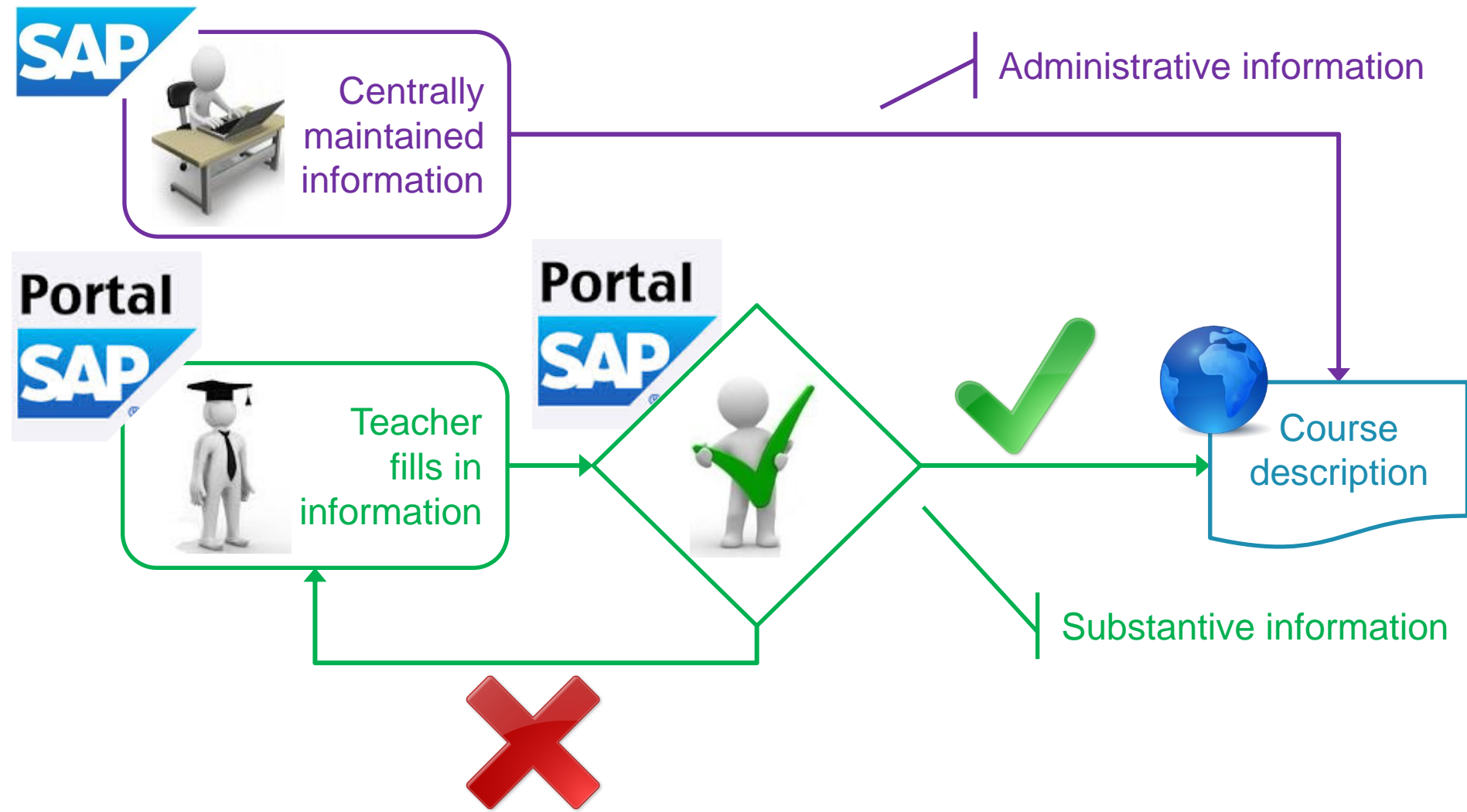
Local Network & Support

- Local Infrastructure System administration
- Local Infrastructure support
- PC Classrooms support

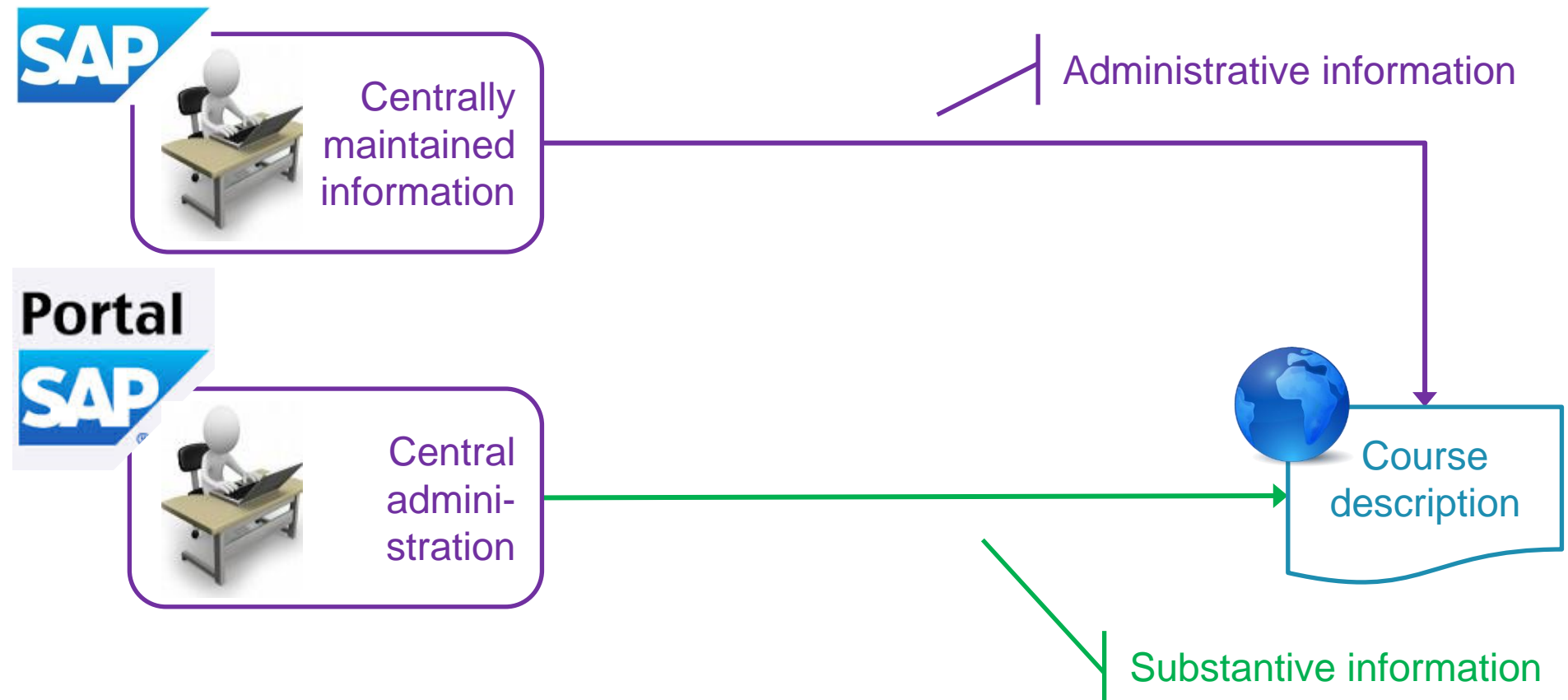
Central IT Infrastructure

- System administration AIX
- System administration UNIX
- System administration Windows
- Data Centre Network

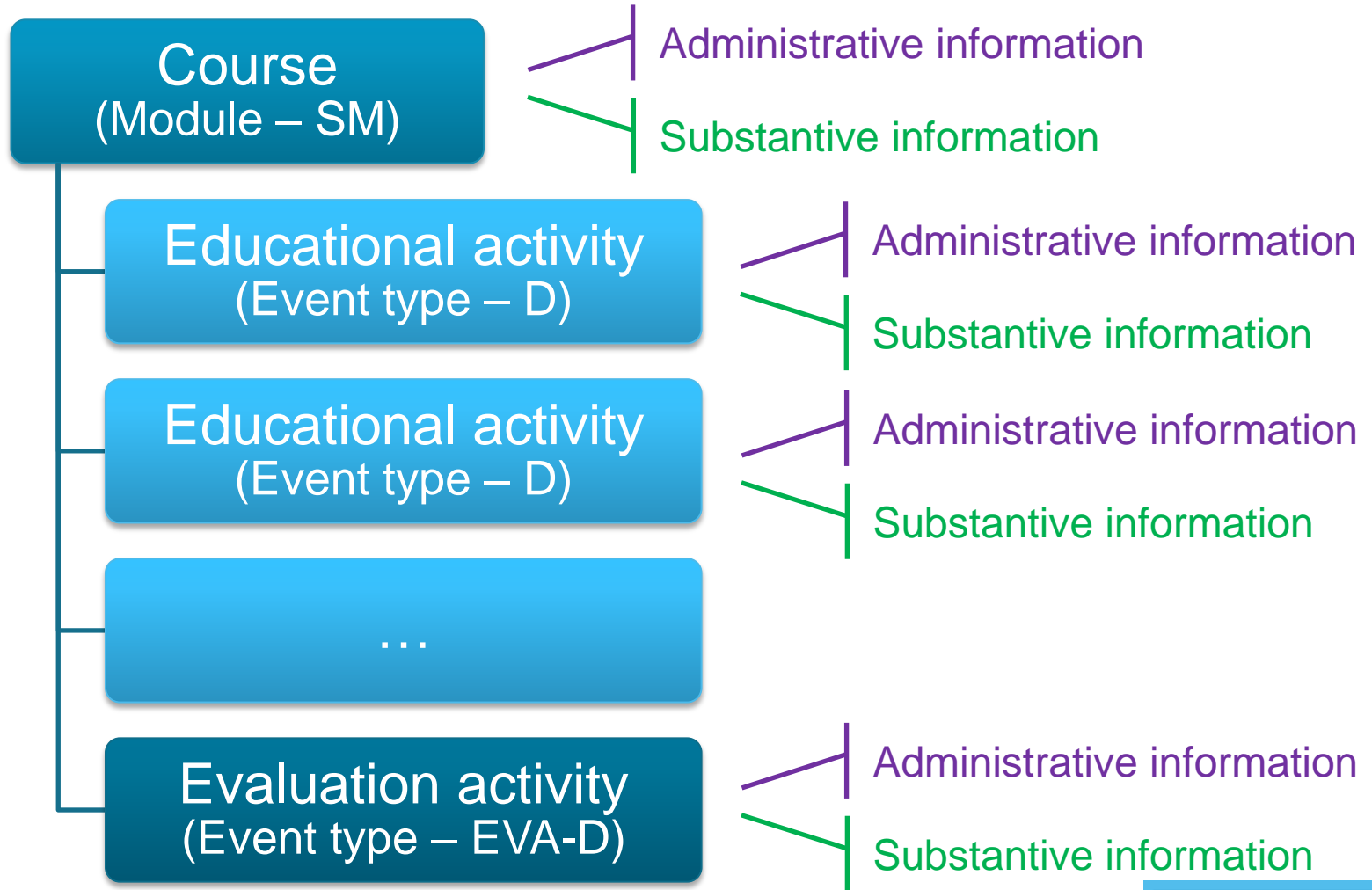
Course descriptions @ KU Leuven



Course descriptions @ KU Leuven



Course descriptions @ KU Leuven



Example: programme catalogue

The screenshot shows the KU Leuven programme catalogue for the Master of Earth Observation (Leuven). The page is titled "Master of Earth Observation (Leuven) (120 ECTS)" and "Master of Science". It features a navigation menu with options like "Admission requirements" and "Programme". The main content area is divided into segments: "Major Segment", "Diploma Segment", and "Track 1: Bioscience Engineering". Under "Track 1: Bioscience Engineering", there is an "Engineering Segment" with a list of compulsory courses. The course "Image Analysis and Understanding" (6 ECTS) is highlighted with a red box. A diagram with blue boxes labeled "SC", "CG", and "SM" is overlaid on the page, connected by lines to the "SC" label, the "Major Segment", "Diploma Segment", "Track 1: Bioscience Engineering", and the "Image Analysis and Understanding" course respectively. The "SM" box is also highlighted with a red border.

KU LEUVEN

Contact | Who's who | Organisational chart | Libraries | Toledo | Intranet | KU Leuven Nederlands

EDUCATION | RESEARCH | ADMISSIONS | LIVING IN LEUVEN | ABOUT KU LEUVEN

All programmes > Programme > Course of study : Master of Earth Observation (Leuven)

Admission requirements | Programme

Master of Earth Observation (Leuven) (120 ECTS) Stage1 Stage2 [Schedule](#)

Master of Science

Make a selection... [Reset](#)

[Expand](#)

All subgroups are compulsory.

Major Segment

Diploma Segment

Students choose between Track 1 and Track 2

Track 1: Bioscience Engineering

Engineering Segment

All courses are compulsory.

5 ECTS	Optica, lasers en akoestiek	1	2	D	IOP00A	
5 ECTS	Applied Multivariate Statistical Analysis	1	2	D	IOP16B	
6 ECTS	Image Analysis and Understanding	1	2	D	IOD60A	
4 ECTS	Physical Properties of Biological Materials	1	2	D	I9X05A	

Master's Thesis Research Project

Legend:

- 1 Required in stage
- 2 Optional in stage
- D First term

KU LEUVEN

Example: course description

KU LEUVEN [Contact](#) [Who's who](#) [Organisational chart](#) [Libraries](#) [Toledo](#) [Intranet](#) [KU Leuven Nederlands](#)

EDUCATION RESEARCH ADMISSIONS LIVING IN LEUVEN ABOUT KU LEUVEN

Academic Year 2013-2014

All programmes

English-language programmes of study






Programmes en français


Programa en español

Archive

Translations

Dutch




Legend:

- ① Required in stage
- ② Optional in stage
- 📅 First term
- 📅 Second term
- 📅 Both terms
- 📅 This year
- 📅 Next year

[All programmes](#) > [Programme](#) > [Course of study](#) > [Applied Multivariate Statistical Analysis](#)

Applied Multivariate Statistical Analysis (B-KUL-I0P16B)

5.0 ECTS 🗨 English 📅 52.0 📅 First term 📅 Advanced

 [Schrevens Eddie](#)

POC Master Bio-ingenieurswetenschappen

[Aims](#) [Previous knowledge](#) [Order of Enrolment](#) [Is included in these courses of study](#)

Present the concepts and methods of multivariate analysis, emphasizing the applications and attempting to make the mathematics as palatable as possible.

The student is expected to:






- Apply linear algebra in variance, covariance and correlation structures and understand geometrical equivalents of basic multivariate reasoning
- Understand properties and applications of the Multivariate Normal distribution
- Carry out inference about multivariate means
- Understand and apply basic ordination, discrimination and classification methodologies: Principal Components Analysis, Factor Analysis, Discriminant Analysis and Cluster Analysis
- Be able to apply these methods on real datasets
- Make use of existing software packages to solve problems in Multivariate Analysis

Activities expand


- 4.0 ects. Applied Multivariate Statistical Analysis (B-KUL-I0P16a)
- 1.0 ects. Applied Multivariate Statistical Analysis: Practical Exercises (B-KUL-I0P17a)

Evaluation

- Evaluation : Applied Multivariate Statistical Analysis (B-KUL-I2P16b)

KU LEUVEN




Applied Multivariate Statistical Analysis (B-KUL-I0P16B)


5.0 ECTS  English  52.0  First term  Advanced

 [Schrevens Eddie](#)


POC Master Bio-ingenieurswetenschappen

 Aims

 Previous knowledge


 Order of Enrolment

 Is included in these courses of study



Present the concepts and methods of multivariate analysis, emphasizing the applications and attempting to make the mathematics as palatable as possible.

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 - Be able to apply these methods on real datasets
 - Make use of existing software packages to solve problems in Multivariate Analysis
- 

Activities

expand 




D

4.0 erts. Applied Multivariate Statistical Analysis (B-KUL-I0P16a) 



D

1.0 erts. Applied Multivariate Statistical Analysis: Practical Exercises (B-KUL-I0P17a) 



Evaluation



EVA-D

Evaluation : Applied Multivariate Statistical Analysis (B-KUL-I2P16b) 

Applied Multivariate Statistical Analysis (B-KUL-I0P16B)


5.0 ECTS  English  52.0  First term  Advanced


 [Schrevens Eddie](#)

POC Master Bio-ingenieurswetenschappen

 Aims


 Previous knowledge

 Order of Enrolment

 Is included in these courses of study

Thorough knowledge of the basic concepts of calculus, linear algebra and statistics.

Activities

expand 

4.0 erts. Applied Multivariate Statistical Analysis (B-KUL-I0P16a) 

1.0 erts. Applied Multivariate Statistical Analysis: Practical Exercises (B-KUL-I0P17a) 

Evaluation

Evaluation : Applied Multivariate Statistical Analysis (B-KUL-I2P16b) 



Applied Multivariate Statistical Analysis (B-KUL-I0P16B)

5.0 ECTS English 52.0 First term Advanced

Schrevens Eddie

POC Master Bio-ingenieurswetenschappen



- Aims
- Previous knowledge
- Order of Enrolment
- Is included in these courses of study

This course unit is a prerequisite for taking the following course units:

I0U20A : Integrated Bioinformatics Project



Activities

expand

4.0 ects. Applied Multivariate Statistical Analysis (B-KUL-I0P16a)

1.0 ects. Applied Multivariate Statistical Analysis: Practical Exercises (B-KUL-I0P17a)

Evaluation

Evaluation : Applied Multivariate Statistical Analysis (B-KUL-I2P16b)

Applied Multivariate Statistical Analysis (B-KUL-I0P16B)

5.0 ECTS English 52.0 First term Advanced

Schrevens Eddie

POC Master Bio-ingenieurswetenschappen

Aims Previous knowledge Order of Enrolment **Is included in these courses of study**

[Doctoraatsopleiding in de Bio-ingenieurswetenschappen \(Leuven\)](#)

[Master in de bio-ingenieurswetenschappen: biosysteemtechniek \(Leuven\) \(Major technologie voor de agrivoedingssector\) 120 ects.](#)

[Master of Bioinformatics \(Leuven\) 120 ects.](#)

[Master of Tropical Natural Resources Management \(Leuven\) 120 ects.](#)

[Master in de bio-ingenieurswetenschappen: landbouwkunde \(Leuven\) 120 ects.](#)

[Master in de bio-ingenieurswetenschappen: land- en bosbeheer \(Leuven\) \(Major Bodem en Water\) 120 ects.](#)

[Master in de bio-ingenieurswetenschappen: land- en bosbeheer \(Leuven\) \(Major Bos en Natuur\) 120 ects.](#)

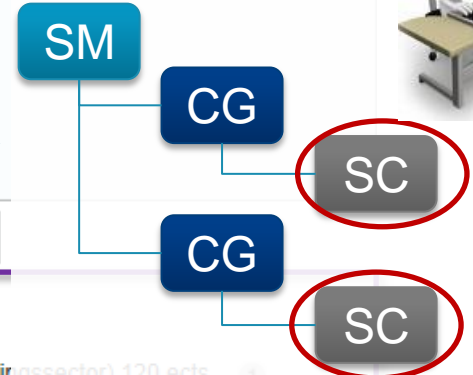
[Master in de bio-ingenieurswetenschappen: land- en bosbeheer \(Leuven\) \(Major Production Forestry\) 120 ects.](#)

[Master in de bio-ingenieurswetenschappen: cel- en gentechnologie \(Leuven\) 120 ects.](#)

[Master in de bio-informatica \(Leuven\) 120 ects.](#)

[Master of Earth Observation \(Leuven\) \(Track 1: Bioscience Engineering\) 120 ects.](#)

[Master of Statistics \(Leuven\) \(Biometrics\) 120 ects.](#)



Activities


expand

4.0 ects. Applied Multivariate Statistical Analysis (B-KUL-I0P16a)

1.0 ects. Applied Multivariate Statistical Analysis: Practical Exercises (B-KUL-I0P17a)

Applied Multivariate Statistical Analysis (B-KUL-I0P16B)

5.0 ECTS English 52.0 First term Advanced

 Schrevens Eddie

POC Master Bio-ingenieurswetenschappen

Activities

expand

D

4.0 erts. Applied Multivariate Statistical Analysis (B-KUL-I0P16a)

1.0 erts. Applied Multivariate Statistical Analysis: Practical Exercises (B-KUL-I0P17a)

1.0 ECTS English **Format: Assignment** 26.0 First term

 Schrevens Eddie

POC Master Bio-ingenieurswetenschappen



Content

Course material

Format: more information

Introduction to R programming

The methodologies are demonstrated in R demo session in a computerclass.

The student is expected to exercise both the methodology and R programming at home

At a given deadline the student submits a five page paper consisting of a problem description, a data set, a multivariate analysis and the R programming code

Evaluation


Applied Multivariate Statistical Analysis (B-KUL-I0P16B)

5.0 ECTS  English  52.0  First term  Advanced

 [Schrevens Eddie](#)


POC Master Bio-ingenieurswetenschappen

Activities

expand 

4.0 erts. Applied Multivariate Statistical Analysis (B-KUL-I0P16a) 


1.0 erts. Applied Multivariate Statistical Analysis: Practical Exercises (B-KUL-I0P17a) 

1.0 ECTS  English  Format: Assignment  26.0  First term

 [Schrevens Eddie](#)

POC Master Bio-ingenieurswetenschappen

 Content

 **Course material**

 Format: more information

open source programming language R (CRAN website)

Evaluation

Evaluation : Applied Multivariate Statistical Analysis (B-KUL-I2P16b) 



Applied Multivariate Statistical Analysis (B-KUL-I0P16B)

5.0 ECTS English 52.0 First term Advanced

 Schrevens Eddie

POC Master Bio-ingenieurswetenschappen

Activities

expand

4.0 erts. Applied Multivariate Statistical Analysis (B-KUL-I0P16a)

1.0 erts. Applied Multivariate Statistical Analysis: Practical Exercises (B-KUL-I0P17a)

1.0 ECTS English **Format: Assignment** 26.0 First term

 Schrevens Eddie

POC Master Bio-ingenieurswetenschappen

Content

Course material

Format: more information

Guided demo session

Homework

Evaluation

Evaluation : Applied Multivariate Statistical Analysis (B-KUL-I2P16b)



Applied Multivariate Statistical Analysis (B-KUL-I0P16B)

5.0 ECTS English 52.0 First term Advanced

 [Schrevens Eddie](#)

POC Master Bio-ingenieurswetenschappen

Evaluation

EVA-D

Evaluation : Applied Multivariate Statistical Analysis (B-KUL-I2P16b)

Type : Exam during the examination period

Description of evaluation : Oral

Type of questions : Open questions

Learning material : Course material, Reference work

Explanation

Oral examination (open book) with a written preparation

- 4 questions
- 1 question about the paper



Some other examples

(somewhat exceptions...)

Food Chemistry and Analysis (B-KUL-I0Q81A)

7.0 ECTS English 78.0 First term Basic

De Meulenaer Bruno

Universiteit Gent

POC Food Technology



Aims

Previous knowledge

Order of Enrolment

Is included in these courses of study

(This course is taught at UGent)

In general, the course aims to reach the following learning outcomes:

The graduate

- Has profound and detailed scientific knowledge and understanding of the (bio)chemical processes in biological raw materials during postharvest storage and their transformation into food products.

Philosophy of Science (B-KUL-W0EA4A)

5.0 ECTS English 39.0 First term Basic

Hevlen Jan

This course is taught this academic year, but not next year.

POC Philosophy (internationaal)

- This year
- Next year
- Alternating years



- Aims
- Previous knowledge
- Is included in these courses of study


The purpose of this course is to make the student familiar with the historical context, important thinkers, themes, problems and theories in the philosophy of science.

At the end of the course the student should:

- know the historical evolution of philosophy of science
- know the major thinkers and themes in philosophy of science
- understand and be able to explain the major problems in philosophy of science
- be able to summarize and explain, compare, contrast, and critically discuss the major theories in philosophy of science
- have enough background and practice that they can read contemporary texts in philosophy of science

The Economics of China (B-KUL-D0C31A)

6.0 ECTS  English  28.0  Second term  Basic  Cannot be taken as part of an examination contract

 [Van Biesebroeck Johannes](#)

POC Masters FEB @ Leuven

Activities

expand 


6.0 erts. The Economics of China (B-KUL-D0C31a)


6.0 ECTS  English  Format: Lecture  28.0  Second term

 [Van Biesebroeck Johannes](#)

POC Masters FEB @ Leuven

 Content

 Course material 

 Language of instruction: more information

 Format: more information

The lectures, course materials, assignments, and exam will be in English.

Fundamentals for Chemistry (B-KUL-G0N01C)

This is a translated version. Original version in Dutch.

9.0 ECTS Dutch 96.5 First term Introductory Cannot be taken as part of an examination contract

Clays Koen (coordinator) | Clays Koen | Goderis Bart (substitute) | Dirix Carolien | Snauwaert Johan

Facultaire POC Wetenschappen

Activities

expand

3.7 ects. Fundamentals for Chemistry: Lecture 1 (B-KUL-G0N01a)

D

3.7 ECTS Dutch Format: Lecture 26.0 First term

Clays Koen | Goderis Bart (substitute)

Facultaire POC Wetenschappen

Content Course material **Is also included in other courses**

SM



SM

G0N01D : Fundamentals for Chemistry

1.3 ects. Fundamentals for Chemistry: Lecture 2 (B-KUL-G0N38a)

1.2 ects. Fundamentals for Chemistry: Exercises 1 (B-KUL-G0N39a)

0.7 ects. Fundamentals for Chemistry: Exercises 2 (B-KUL-G0N40a)

1.1 ects. Fundamentals for Chemistry: Laboratory Session 1 (B-KUL-G0N41a)

1.0 ects. Fundamentals for Chemistry: Laboratory Session 2 (B-KUL-G0N42a)

2004: Old Application

Mijn Syllabi

	Academiejaar 2002 - 2003	Academiejaar 2003 - 2004
<p>H0123A Geluidarm construeren: principes en numerieke hulpmiddelen</p> <p>H0123a Geluidarm construeren: principes en numerieke hulpmiddelen</p> <p>H0756a Geluidarm construeren: oefeningen</p>	<p> Wijzigbaar</p> <p> Wijzigbaar</p> <p> Wijzigbaar</p>	<p> Wacht op goedk.</p> <p> Wacht op goedk.</p> <p> Wijzigbaar</p>
<p>H0364A Veiligheidsmechanica</p> <p>H0364a Veiligheidsmechanica</p> <p>H0766a Veiligheidsmechanica: seminars</p>	<p> Wijzigbaar</p> <p> Wijzigbaar</p> <p> Wijzigbaar</p>	<p> Wacht op goedk.</p> <p> Wijzigbaar</p> <p> Wijzigbaar</p>

H0222A H0269A Statistisch kwaliteitsbeheer en betrouwbaarheid HELP

Originele taal	Nederlands	Type	Opleidingsonderdeel
Semester uren		Studiepunten	3.00000
Docenten	Sas, Paul		
Versie	Academiejaar 2003 - 2004		

Voorlopig opslaan
 Ter goedkeuring doorsturen
 Versie verwijderen
 Annuleren

H069A **Opmerkingen**

Noteer hier eventuele opmerkingen, vragen, motivering bij de aanpassing van deze syllabus, die u wenst mee te delen aan de volgende persoon in het goedkeuringproces (eindredacteur). Deze tekst is alleen voor intern gebruik en wordt niet gepubliceerd in de definitieve syllabus op CIMS.

Overzicht wijzigingen en opmerkingen

Inhoud

B **I** **L** **E** **S** **T** **E** **E** **E** **E** **E**

link:

Het eerste deel behandelt mechanische aspecten van betrouwbaarheid. Begrippen zoals betrouwbaarheidsmodellen, risicoverdelingsfuncties, betrouwbaarheidsberekeningen worden ingeleid, internationale normen of richtlijnen terzake worden besproken, aandacht wordt besteed aan analysemethodes zoals FMEA (Failure Mode Event Analysis) en PTA (Failure Tree Analysis), tevens wordt gewezen op het belang van optimale prototypetesten en een aangepaste onderhoudstrategie. Het tweede deel behandelt statistische distributies en statistische parameters toegepast bij kwaliteitscontrole, coherentietesten op α en β van twee steekproeven, statistische procescontrole (SPC), controlekaarten, receptietesten en keuring op basis van steekproeven, progressieve keurplannen, analyse van de variantie. De bijhorende labo's (HG70) omvatten een viertal praktische oefeningen aan dimensionele meetapparatuur. Deze labozittingen illustreren een

Vertalingen

• Nieuwe vertalingen:

- Kies nieuwe taal -

H069A **Opmerkingen**

Noteer hier eventuele opmerkingen, vragen, motivering bij de aanpassing van deze syllabus, die u wenst mee te delen aan de volgende persoon in het goedkeuringproces (eindredacteur). Deze tekst is alleen voor intern gebruik en wordt niet gepubliceerd in de definitieve syllabus op CIMS.

Overzicht wijzigingen en opmerkingen

Inhoud

B **I** **L** **E** **S** **T** **E** **E** **E** **E** **E**

link:

Mechanische betrouwbaarheid en statistische kwaliteitsbeheersing van

Vertalingen

• Nieuwe vertalingen:

- Kies nieuwe taal -

Syllabi 2003-2004

B-KUL-I0423A Seminarie landinrichting

Algemeen

- Academisch jaar: 2002-2003
- Studiepunten: 003
- Doceertaal
- Moelijkheidsgraad: Moelijkheid 0000 is niet vertaald in taal N
- Contacturen: 52 uur
- Periode: Periode niet vertaald in taal N

Docenten/didactisch team

Gulincx Hubert (coördinator)
 Gulincx Hubert (titularis)

Doelstellingen

Verdieping van bepaalde thema's die aansluiten bij de kernvakken van de major discussie en vormgeving zijn hierbij belangrijk.

Inhoud

Elk jaar wordt een lijst opgesteld met belangrijke thema's die aansluiten bij de één thema en werkt dit via literatuurstudie en aanvullende bronnen uit tot een 15 minuten gevolgd door een tiental minuten discussie. Er worden normaliter ook 2

Plaats in het onderwijsaanbod

Bio-Ingenieur in het Land- en Bosbeheer (Verplicht)
 Bio-Ingenieur in de Cel- en Genbiotechnologie
 Bio-Ingenieur in de Milieutechnologie
 Bio-Ingenieur in het Land- en Bosbeheer
 Bio-Ingenieur in de Scheikunde
 Bio-Ingenieur in de Landbouwkunde

Onderwijs- en andere studieactiviteiten

- B-KUL-I0423a Seminarie landinrichting
- B-KUL-I0423b Seminarie landinrichting

THE LIFE OF A SOFTWARE ENGINEER.

CLEAN SLATE. SOLID FOUNDATIONS. THIS TIME I WILL BUILD THINGS THE RIGHT WAY.

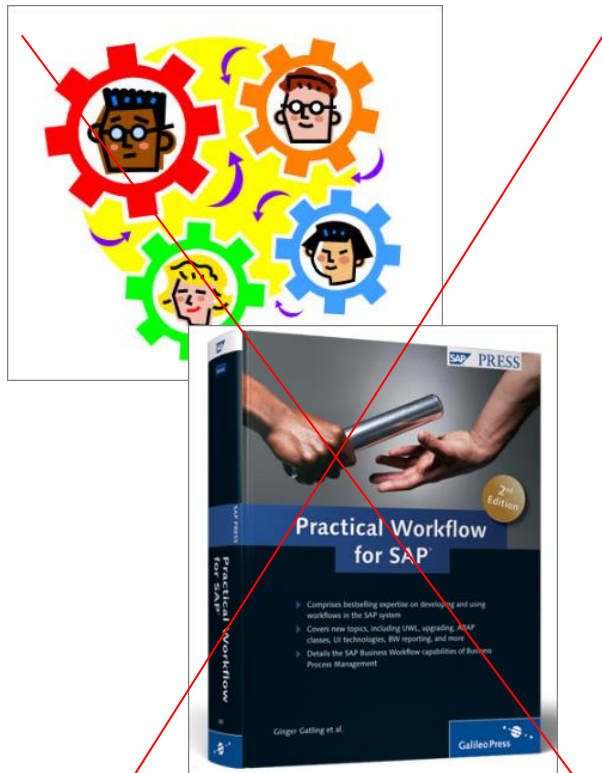


MUCH LATER...

OH MY. I'VE DONE IT AGAIN, HAVEN'T I?



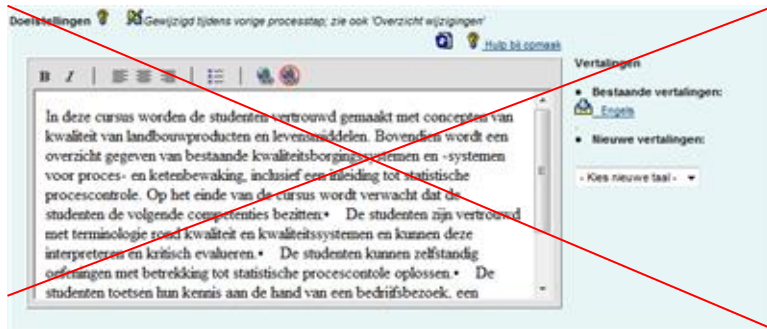
Refactoring: Workflow



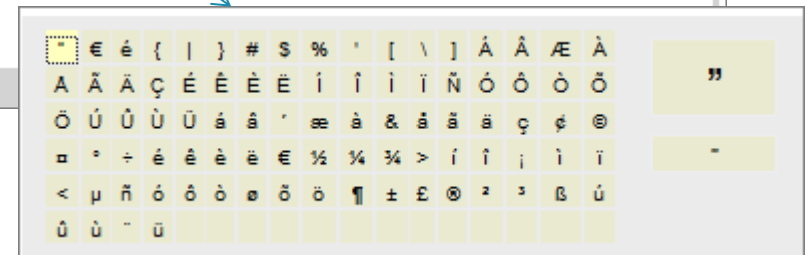
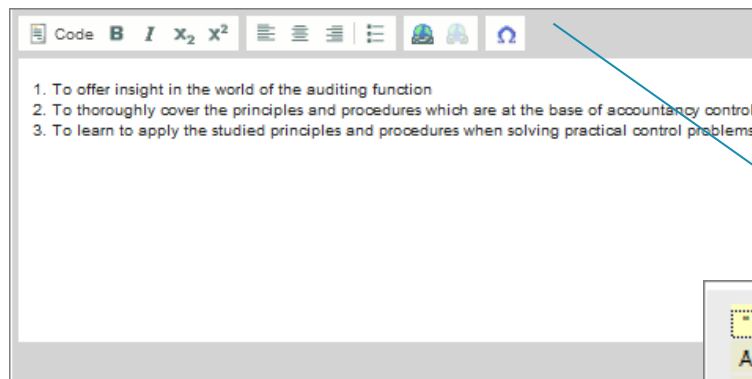
CUSTOM TABLES
STATUS CHANGES



Refactoring: WYSIWYG editor



WYSIWYG rich text editor
for custom CMS



Refactoring: Sapscript

Taalonafh.omschrijving weergeven

Module: I0P16B APPLIED MULTIVARIATE STATIST ANALYS
 Planstatus: Actief
 Geldig van: 26.09.2011 tot 31.12.9999 Wijzigingsinformatie

Taalonafh.omschrijving 01 SM 50489665 1
 Subtyp: 9012 Verantwoording onder...
 Taal: NL Nederlands

Tekst

Op...	Regel
*	- Master of Science in de bio-ingenieurswetenschappen:
*	Dit opleidingsonderdeel is verplicht in engelstalige initiële masters van de faculteit bio-ingenieurswetenschappen.
*	
*	- Master of Science in de bio-informatica:
*	De inhoud van deze cursus komt overeen met wat de POC graag in het

Gegeven 1 van 20
 Rec. 3 van 3

CM_OA : ECTS fiche GUID weergeven

Module: I0P16B APPLIED MULTIVARIATE STATIST ANALYS
 Planstatus: Actief
 Geldig van: 16.09.2013 Tot 31.12.9999 Wijzigingsinfo weerg

CM_OA : ECTS fiche GUID 01 SM 50489665 1
 Subtype: 9003
 Taalcode: EN
 GUID 16: S1DF8CBA0E560DD0E1008000863A0E8D

Record 1 van 4

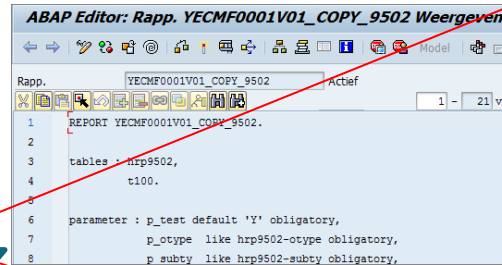
Data Browser: tabel ZCT_ECTS_FICHE 200 treffers

MANDT	GUID	OTYPE	OBJID	SUB...	LAN...	LENGTE	HTML_STRING
300	514196680C80950E1008000863A0E34	SM	50054051	9003	E	115	<p>See course description'<u>Introduction to Judaism</u>' A0748A
300	5141966180C80950E1008000863A0E34	SM	50054055	9003	E	125	<p>See course description'<u>Introduction to Religious Studies</u>' A0747A
300	514196690C80950E1008000863A0E34	SM	50054056	9003	E	106	<p>Zie syllabus'<u>Introduction to Theology</u>' A08A8A</p>
300	5141969F0C80950E1008000863A0E34	SM	50054069	9003	E	103	<p>See course description'<u>Catechetics</u>' A0744A</p>
300	514197030C80950E1008000863A0E34	SM	50054081	9003	E	434	<ub>Gaining an insight in the contextual embodiment of the Christian faith and, as its consequence, in the continuous proces
300	514197180C80950E1008000863A0E34	SM	50054083	9003	E	95	<p>See course description'<u>Oecumensm</u>' A0589A</p>
300	51419FFEB7860D10E1008000863A0E5B	SM	50056743	9003	N	724	<p>De studenten een ruimer inzicht verschaffen in de verschillende onderzoeksspecialaties binnen de afdeling Akeostiek en Ther
300	5141A23EB7860D10E1008000863A0E5B	SM	50056894	9003	N	85	<p>Inzicht verschaffen in de basissetten die de stroming van fluüda bepalen.</p>
300	5141A0AB7860D10E1008000863A0E5B	SM	50312104	9003	N	475	<p>Inzicht verschaffen in de historische en contextuele ontwikkeling van de Franse taal via lectuur, vertaling en verkn&
300	5141A0DB7860D10E1008000863A0E5B	SM	50312105	9003	N	189	<p>Inzicht verschaffen in de historische en contextuele ontwikkeling van de Nederlandse taal via lectuur, vertaling en verkn&
300	5141A10B7860D10E1008000863A0E5B	SM	50312106	9003	N	134	<p>Studie van de historische bronnen in het Lat'n, als essentieel onderdeel van het tekstuele bronnenmateriaal van de historici
300	5141A13B7860D10E1008000863A0E5B	SM	50312107	9003	N	258	<p>Het leren lezen van oud schrift en een beknopt inzicht verwerven in de geschiedenis van de West-Europese schriftcultu
300	5141A16B7860D10E1008000863A0E5B	SM	50312108	9003	N	304	<p>Aanbrengen van basiskoncepten en'methoden in de toegepaste statistiek, van een kritische attitude ten aanz&
300	5141A19B7860D10E1008000863A0E5B	SM	50312109	9003	N	223	<p>De studenten vertrouwd maken met het proces van probleemformulering, hypothesevervorming en inzichtsverwerving in histor&
300	5141A1C37860D10E1008000863A0E5B	SM	50312110	9003	N	224	<p>De studenten vertrouwd maken met het proces van probleemformulering, hypothesevervorming en inzichtsverwerving in histor&
300	5141A1FB7860D10E1008000863A0E5B	SM	50312111	9003	N	223	<p>De studenten vertrouwd maken met het proces van probleemformulering, hypothesevervorming en inzichtsverwerving in histor&
300	5141A22B7860D10E1008000863A0E5B	SM	50312112	9003	N	222	<p>De studenten vertrouwd maken met het proces van probleemformulering, hypothesevervorming en inzichtsverwerving in histor&
300	5141A25B7860D10E1008000863A0E5B	SM	50312113	9003	N	225	<p>De studenten vertrouwd maken met het proces van probleemformulering, hypothesevervorming en inzichtsverwerving in histor&
300	5141A28B7860D10E1008000863A0E5B	SM	50312114	9003	N	225	<p>De studenten vertrouwd maken met het proces van probleemformulering, hypothesevervorming en inzichtsverwerving in histor&
300	5141A2BB7860D10E1008000863A0E5B	SM	50312115	9003	N	1.850	<p>1. Kennis en inzicht -studenten kennen de belangrijkste werkinstrumenten m.b.t. de Middeleeuwen<br
300	5141A2EB7860D10E1008000863A0E5B	SM	50312116	9003	N	814	<p>Aan de hand van deze cursus oefent de student technisch-methodologische vaardigheden met betrekking tot het onderzoek&
300	5141A31B7860D10E1008000863A0E5B	SM	50312117	9003	N	610	<p>Aanleren en oefenen van de onderzoeksmethoden, vaardigheden en heuristiek die specifiek zijn m.b.t. de geschiedenis van c
300	5141A34B7860D10E1008000863A0E5B	SM	50312118	9003	N	122	<p>Integrale oefening in geschiedschrijving, leren interpreteren, argumenteren en synthetiseren m.b.t. de Middeleeuwen.</p>
300	5141A37B7860D10E1008000863A0E5B	SM	50312119	9003	N	121	<p>Integrale oefening in geschiedschrijving, leren interpreteren, argumenteren en synthetiseren m.b.t. de Nieuwe T'd.</p>
300	5141A3AB7860D10E1008000863A0E5B	SM	50312120	9003	N	123	<p>Integrale oefening in geschiedschrijving, leren interpreteren, argumenteren en synthetiseren m.b.t. de Nieuwste T'd.</p>

Refactoring: Version

2013

2014



```
ABAP Editor: Rapp. YECMF0001V01_COPY_9502 Weergeven
Rapp. YECMF0001V01_COPY_9502 /Actief
1 REPORT YECMF0001V01_COPY_9502.
2
3 tables : hrp9502,
4         t100.
5
6 parameter : p_test default 'Y' obligatory,
7           p_o_type like hrp9502-o_type obligatory,
8           p_subty like hrp9502-subty obligatory,
```

CM_OA : ECTS fiche GUID Lijstweergave met wijzig.



Module I0P16B APPLIED MULTIVARIATE STATIST ANALYS

Planstatus Actief

CM_OA : ECTS fiche GUID 01 SM 50489665 1

T	Begin	Einde	GUID 16
EN	16.09.2013	31.12.9999	51DF8CBA0E560DD0E1008000863A0E8D
EN	16.09.2013	31.12.9999	51DF8CBF0E560DD0E1008000863A0E8D
EN	16.09.2013	31.12.9999	51DF8CC30E560DD0E1008000863A0E8D
EN	16.09.2013	31.12.9999	51DF8CC70E560DD0E1008000863A0E8D

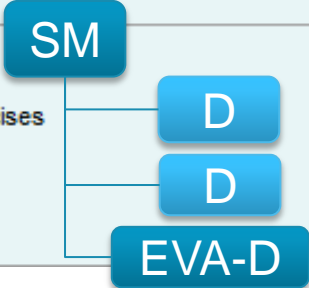


“My course descriptions”

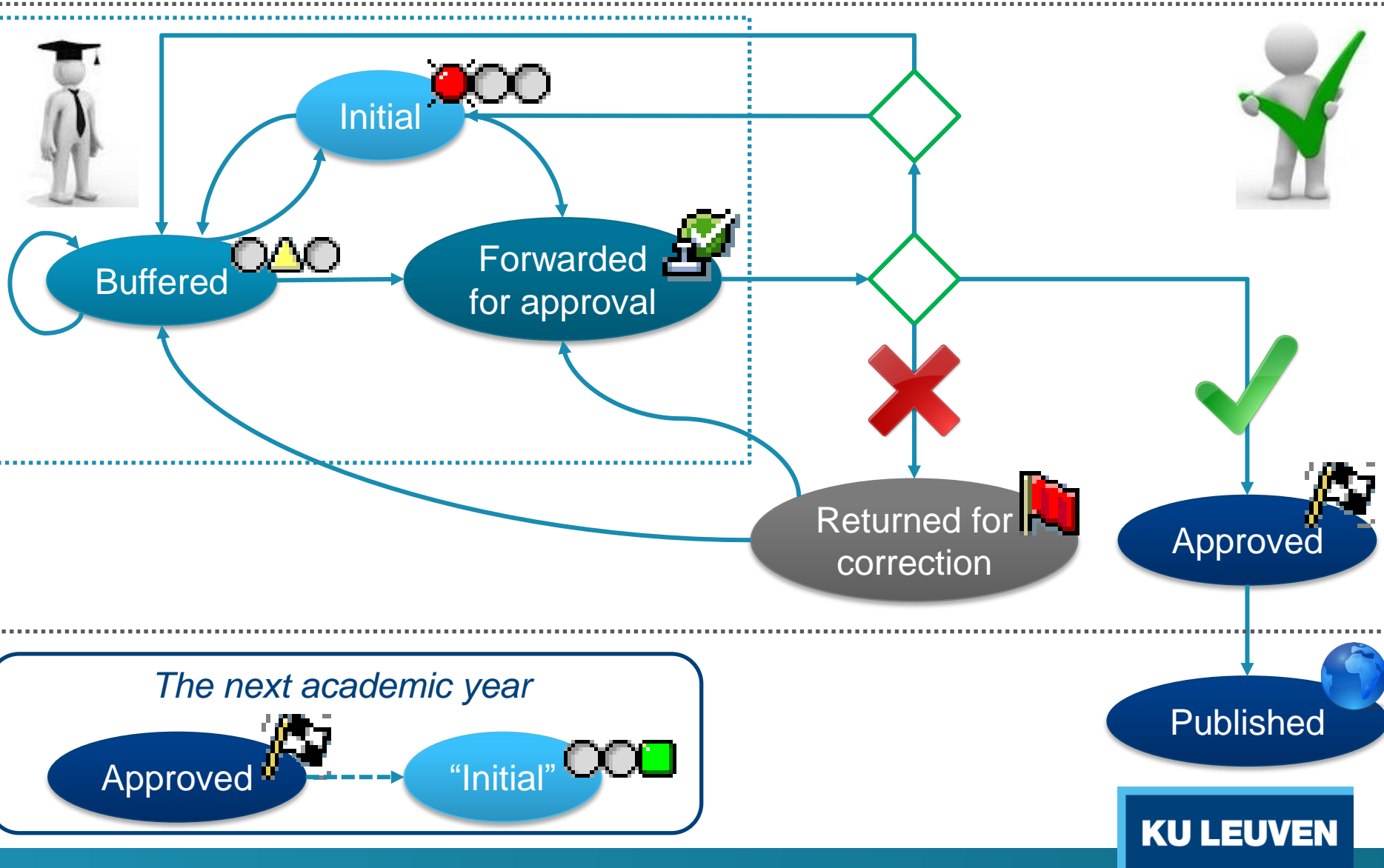
	Orig taal	Status taal NL	Status taal EN	Status andere talen
--	-----------	----------------	----------------	---------------------

kies taal ▼

I0N59A	Biologische productiesystemen	N	Bewerken	Bewerken
I0N59a	Biologische productiesystemen	N	Bewerken	Bewerken
I0N60a	Biologische productiesystemen: groepswerk	N	Bewerken	Bewerken
I2N59a	Evaluatie : Biologische productiesystemen	N	Bewerken	Bewerken
I0P65A	Ecosystems Modelling	E	Bewerken	Bewerken
I0P89a	Ecosystems Modelling: Practica	E	Bewerken	Bewerken
I0P65a	Ecosystems Modelling	E	Bewerken	Bewerken
I2P65a	Evaluation : Ecosystems Modelling	E	Bewerken	Bewerken
I0Q16A	Actuele onderwerpen in de landbouw	N	Bewerken	Bewerken
I0Q16a	Actuele onderwerpen in de landbouw	N	Bewerken	Bewerken
I2Q16a	Evaluatie : Actuele onderwerpen in de landbouw	N	Bewerken	Bewerken
I0P16B	Applied Multivariate Statistical Analysis	E	Bewerken	Bewerken
I0P17a	Applied Multivariate Statistical Analysis: Practical Exercises	E	Bewerken	Bewerken
I0P16a	Applied Multivariate Statistical Analysis	E	Bewerken	Bewerken
I2P16b	Evaluation : Applied Multivariate Statistical Analysis	E	Bewerken	Bewerken



Approval process





Text editor

Statistical Analysis

Taal: E

HELP

Begeleidingsuren 52.0uur

Type Opleidingsonderdeel

Studiepunten 5.00

Docenten

Eindredacteers

[Katrien Fret](#)

Ann Laga

Christiaan Michiels

Karine Op de Beeck

Versie

Academiejaar 2014 - 2015

[Preview](#)

Navigation bar with icons for back, forward, and search, and buttons for [Ter goedkeuring sturen](#) and [Annuleren](#).

Uw sessie vervalt binnen 59 minuten

[Verleng Sessie](#)

Motivering

Noteer hier eventuele opmerkingen, vragen, motivering bij de aanpassing van deze syllabus. Deze tekst is alleen voor intern gebruik in het goedkeuringsproces en wordt niet gepubliceerd

[Overzicht wijzigingen en opmerkingen](#)

[Doelstellingen](#) [Begintermen](#) [Systeem berichten](#)

[Bijkomende info](#)
[Hulp bij opmaak](#)

Code **B** *I* x_2 x^2

Present the concepts and methods of multivariate analysis, emphasizing the applications and attempting to make the mathematics as palatable as possible.

The student is expected to:

- Apply linear algebra in variance, covariance and correlation structures and understand geometrical equivalents of basic multivariate reasoning
- Understand properties and applications of the Multivariate Normal distribution
- Carry out inference about multivariate means
- Understand and apply basic ordination, discrimination and classification methodologies: Principal Components Analysis, Factor Analysis, Discriminant Analysis and Cluster Analysis

Administrative information

Substantive information



Dropdown list

[Bijkomende info](#) 

Werkvorm

- Opdracht
- Bachelorproef
- College
- Excursie
- Masterproef
- Opdracht
- Practicum
- Stage



Simulation

 [Preview](#)




Applied Multivariate Statistical Analysis - KU Leuven - Windows Internet Explorer

This is a temporal version. The final version will be available on 15/07/2014.

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[EDUCATION](#) [RESEARCH](#) [ADMISSIONS](#) [LIVING IN LEUVEN](#) [ABOUT KU LEUVEN](#)

Academic Year 2014-2015 [All programmes > Applied Multivariate Statistical Analysis](#)

All programmes 

English-language programmes of study






Programmes en français


Programa en español

Archive





Translations


Dutch



Applied Multivariate Statistical Analysis (B-KUL-I0P16B)

5.0 ECTS  English  52  First term  Advanced

 [Schrevens Eddie](#)

POC Master Bio-ingenieurswetenschappen

[Aims](#) [Previous knowledge](#) [Order of Enrolment](#) [Is included in these courses of study](#)

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- Be able to apply these methods on real datasets
- Make use of existing software packages to solve problems in Multivariate Analysis

Activities [expand](#)



(Dis)approval by the editor

2014							
ECTS nr	Titel	Type	Datum	Gebruiker		Aangepaste taal	Actie
I0P15B	Identificatie en controle van biotechnische processen	OPO	20140208	U0004397	Prof. dr. ir. Herman Ramon	N	Verwerken
I0Q58a	Identificatie en controle van biotechnische processen: oefeningen	OLA	20140208	U0004397	Prof. dr. ir. Herman Ramon	N	Verwerken
I2P15b	Evaluatie: Identificatie en controle van biotechnische processen	EVA	20140208	U0004397	Prof. dr. ir. Herman Ramon	N	Verwerken
I2P16b	Evaluation : Applied Multivariate Statistical Analysis	EVA	20140421	U0038893	Mevrouw Hilde Vanhaute	E	Verwerken



(Dis)approval by the editor

IOP17a Applied Multivariate Statistical Analysis: Practical Exercises Taal: E [HELP](#)

Originele taal	Engels	Type	Onderwijsleeractiviteit
Begeleidingsuren	26.0uur	Studiepunten	1.00
Docenten	Eddie Schrevens		
Eindredacteurs	Katrien Fret Ann Laga Christiaan Michiels Karine Op de Beeck		
Versie	Academiejaar 2014 - 2015		

[Terugn](#) [correctie](#) [Preview](#) [G](#) [Annuleren](#)

Uw sessie vervalt binnen 60 minuten
 [Verleng Sessie](#)

Motivering

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[Overzicht wijzigingen en opmerkingen](#)

[Inhoud](#) [Studiemateriaal](#) [Toelichting onderwijstaal](#) [Werkvorm](#) [Toelichting werkvorm](#) [Systeem berichten](#)

[Bijkomende info](#)
[Hulp bij opmaak](#)

Code **B** **I** x_2 x^2

Open source programming language R (CRAN website)



Edit: course selection

2014-2015 ▾

U kan als eindredacteur


- ofwel zonder bijkomende beperkingen dadelijk naar uw [volledige lijst van opleidingsonderdelen en activiteiten](#)
LET OP: indien u eindredacteur over veel opleidingsonderdelen bent (b. v. een ganse faculteit), kan dit zeer lang duren (enkele minuten)!
- ofwel de resultaten beperken ahv volgende zoekcriteria:

Zoek opleidingsonderdeel/activiteit

via het ECTS nummer :

en/of via de titel:

OF via de docent: 

(Geef de eerste letters van de familienaam en kies via )

OF enkel die van **ongekende docenten** opvragen:

[Zoek](#)

KU LEUVEN



Work in progress: management tool

Master of Earth Observation (Leuven) (180 sp.)

Fase1 Fase2

Maak een keuze...

Keuze ongedaan maken

Alle blokken openklappen

	totaal	Leeg	Goedgekeurd (dit jaar)	Voorlopig opgeslagen	Ter goedkeuring doorgestuurd	Teruggestuurd ter correctie	Ongewijzigd
OPOs	40	22	0	1	0	0	17
OLAs	84	41	0	0	0	0	43
EVA's	40	25	0	0	0	0	15
Code							

Major Segment

Theory and Basic Methods

5	Earth Observation	①	⌵	I0A90A	
	Analogue Earth Observation	①		I0A90a	
	Analogue Earth Observation: Practica	①		I0A91a	
	Digital Earth Observation: Practica	①		I0A92a	
	Digital Earth Observation	①		I0T51a	
	Evaluation : Earth Observation	①		I2A90a	
6	Fundamentals of Photogrammetry and Geodesy	①	⌵	I0D57A	
	Fundamentals of Photogrammetry	①		I0D81a	
	Fundamentals of Geodesy	①		I0D82a	
	Fundamentals of Photogrammetry: Exercises	①		I0T60a	

Future improvements: time windows

New programme catalogue on line

Next academic year



Future improvements: track changes?

Present the concepts and methods of multivariate analysis, emphasizing the applications and attempting to make the mathematics as ~~palatable-simple~~ as possible.

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Opmerking [HV1]: Ordination
blablabla

GRACIAS
ARIGATO
SHUKURIA
JUSPAXAR
DANKSCHEEN
TASHAKKUR ATU
YAQHANYELAY
SUKSAMA
EKHMET
MEHRBANI
GRAZIE
MEHRBANI
PALDIES
YOU
BOLZIN
MERCY
THANK
BIYAN
SHUKRIA
TINGKI
SPASSIBO
SNACHALHUYA
NUHUN
CHALTU
WABEEJA
MAITEKA
WABI
YUSPAGARATAM
ATTO
ANBHA
MEESI
SPASIBO
DENKAUJA
NEHACHALHYA
UMALCHEESH
HATUR
GLI
EKOJU
SIKOMO
BAIKKA
TAVTAPUCH
MEDAWAGSE
MERASTAWHY
GAEJTHO
GOZAIMASHITA
EFCHARISTO
AGUYJE
FAKAAUE
KOMAPSUNNIDA
SANCO
MAAKE
LAH
IMMETAL
MIMMONCHAR