



# Efforts towards student success interventions using SIS & Blackboard

Blackboard Academic Leadership Tour

organized at the University of Groningen

November 27, 2014

Hans Beldhuis, PhD



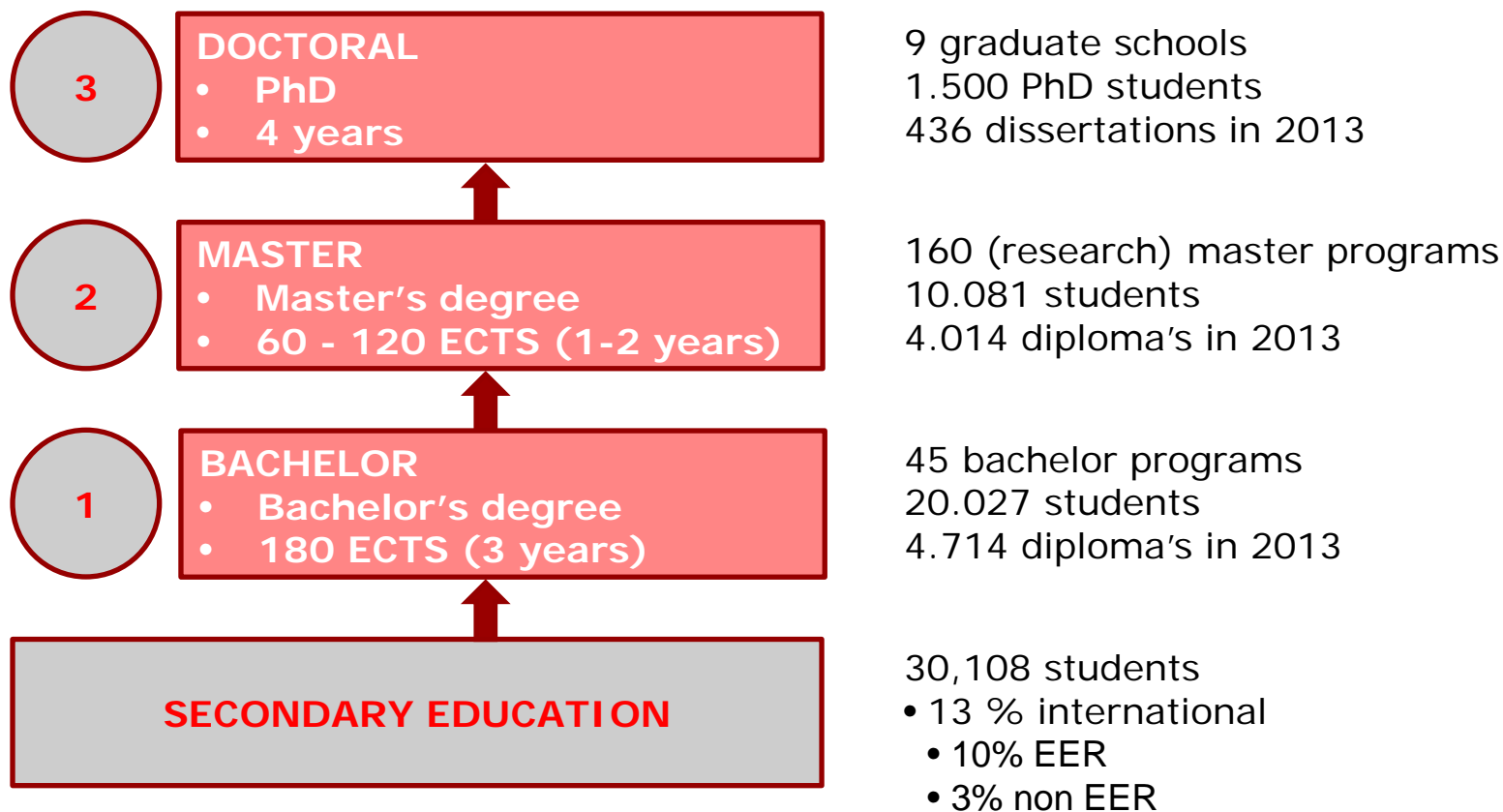
# Today's story

- › Student success
- › Bachelor
- › First year students
- › Just one instrument
  - Implementation
  - Results
- › And now?



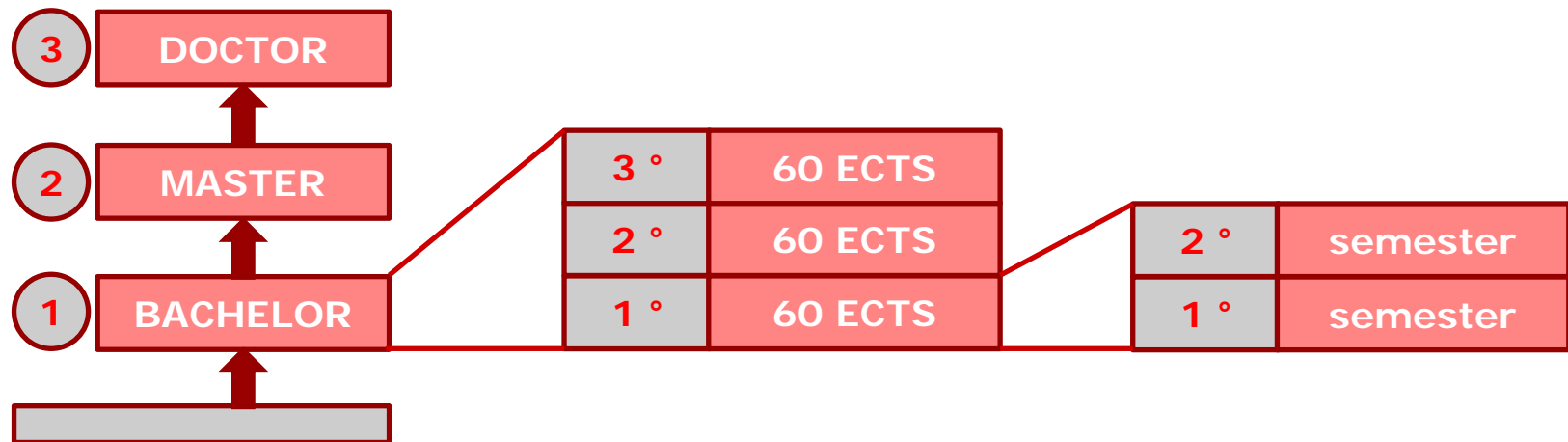


# 3 Tier degree structure UoG





# Study load in ECTS



> European Credit Transfer System (ECTS)





If a tree falls down, and no one is there ...



# 47%

of our students graduating with their bachelor degree within 4 years (2005-09)  
that leaves over 53% of our students out of this equation.



# 37%

of our students graduating with their FY program within 1 year (2005-09)  
that leaves over 62% of our students out of this equation.



# action





# Our ambitions for 2015

- › Binding Study Advice system
  - earning a minimum of 45 ECTS during FY
- › Bachelor-before-Master rule
- › quality of teaching and lecturers
  - University Teaching Qualification
  - quality assurance widely standardized
- › form and intensity of the teaching
  - FY minimum of 12 contact hours/week
  - supervision of students further improved



# Our ambitions for 2015 (2)

- › Study succes
  - 13% first year drop-out
  - 10% first year switch
  - 70% success rate at Bachelor's level
- › And much more ...



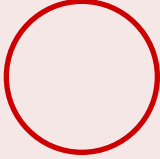

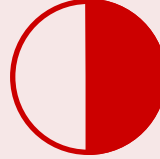
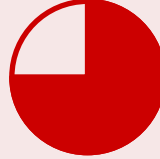
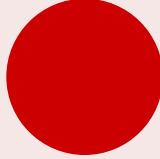
# What is a BSA ?

- › Decision Faculty Board to expel a student from his bachelor degree program
- › Rules
  - 40 ECTS credit points in first year
  - propaedeutic certificate by end of 2<sup>nd</sup> year





# BSA framework

anchor	SSB	SVO-1	VSA	SVO-2	BSA
date	sep 2013	nov 2013	feb 2014	apr 2014	jul 2014
year					
#	>8000	7624	6659	6640	6376

SSB = beginning study announcement

SVO = study progress overview

VSA = preliminary study advice

BSA = definitive study advice



# Registration requirements

> Formal study registration

> Study program and load

> Course enrollment

> Study results

> Etc.

> Goal

Correct

Complete

Real time as possible

Progress.NET

Hans Beldhuis (Rijksuniversiteit Groningen)

Account Log Uit

Progress.NET

Hans Beldhuis (Rijksuniv

Studenten Inschrijvingen Studievoortgang Kengetallen Beheer

Studenten Inschrijvingen Studievoortgang Kengetallen Beheer

Progress.NET

Hans Beldhuis (Rijksuniv

1: Ba Slavisch (Jaar 1)

Studielaast: 60

Definitie Resultaten

Definitie Resultaten

Studenten Inschrijvingen Studievoortgang Kengetallen Beheer

1: BSc Natuurkunde (Jaar 1)  
Studielaast: 60

Definitie Resultaten

Details

Relaties tussen onderwijsonderdelen

Docenten	Filter toevoegen	ID	Code	Titel	SL	VP	SRT	Plan volgorde	SL	VP
Literatuur		1	190143	Ba Slavisch (Jaar 1)	60	1	programma	-1	60	1
Regels		2	175901	--NANP1-10 Natuurkundig practicum 1	5	1	vak	Ia 10	5	1
Planning		3	177139	--WICAL1-06 Calculus 1	4	1	vak	Ia 20	5	1
Koppelingen		4	175965	--WICOW-09 Basisvaardigheden wiskunde	1	1	vak	Ia 30	5	1
Onderdeel van		5	176988	--KEUZE-06 keuze semester I a (2413)	5	1	groep	Ia 40	5	1
Opleidingen		6	177384	----CHMOL-10 Moleculen: structuur, reactiviteit en...	5	0	vak	Ia 10	5	1
Categorieën		7	200669	----CHMOL10T Moleculen: structuur reactiviteit en ...	3	1	deelvak	10	5	1
		8	201010	----CHMOL10P Moleculen: structuur reactiviteit en ...	1	1	X-vak	20	5	1
		9	201011	----CHMOL10P1 Moleculen: structuur reactiviteit en ...	0	1	deelvak	10	5	1
		10	201012	----CHMOL10P2 Moleculen: structuur reactiviteit en ...	0	1	deelvak	20	5	1
		11	178377	----NAKMN-10 Kaleidoscoop moderne natuurkunde	5	0	vak	Ia 20	5	1
		12	178802	----WIOW-10 Oriëntatie wiskunde	5	0	vak	Ia 30	5	1
		13	178525	----NAKO-10 Kennismaking onderzoek	1	1	vak	Ib 50	5	1
		14	175900	--NAMR1-10 Mechanica en relativiteit 1	5	1	vak	Ib 60	5	1
		15	175415	--NATF1-10 Warmte en transport	5	1	vak	Ib 70	5	1
		16	176396	--WILA1-06 Lineaire algebra 1	5	1	vak	Ib 80	5	1
		17	176416	--NAMR2-10 Mechanica en relativiteit 2	5	1	vak	Ila 90	5	1
		18	175902	--WICAL2-06 Calculus 2	5	1	vak	Ila 100	5	1
		19	196499	--KEUZE-06 keuze semester II a (2413)	5	1	groep	Ila 110	5	1
		20	176417	----CHAN-10 Van atoom tot nanodeeltje	5	0	vak	Ila 10		
		21	176983	----NAIDE-10 Inleiding deeltjesfysica	5	0	vak	Ila 20		
		22	175416	----NAIEN-10 Inleiding energie en milieu	5	0	vak	Ila 30		
		23	176413	----NAITEN-10 Natuurkunde van Moderne Technol...	5	0	vak	Ila 40		
		24	176412	----NAITN-10 Inleiding theoretische natuurkunde	5	0	vak	Ila 50		
		25	175909	--NANEL-10 Natuurkunde en leven	5	0	vak	Ila 60		
		26	175902	--NANES-10 Inleiding sterrenkunde	5	0	vak	Ila 70		
		27	175900	--NANM10S2 Elektriciteit en magnetisme 1	5	1	vak	Iib 120		
		28	177399	--NANP2-10 Natuurkundig practicum 2 (project ...	5	1	vak	Iib 130		
		29	175879	--WIVA-06 Vectoranalyse	5	1	vak	Iib 140		

Details	Relaties tussen onderwijsonderdelen
Docenten	Filter toevoegen
Literatuur	ID Code Titel SL VP SRT Plan volgorde
Regels	1 190143 1 Ba Slavisch (Jaar 1) 60 1 programma -1
Planning	2 171572 --LSLO01P05 Russische Letterkunde I 5 1 vak I 10
Koppelingen	3 199900 ----LSLO01P05A Russische letterkunde I (deel A) 2 1 deelvak 10
Onderdeel van	4 199901 ----LSLO01P05B Russische letterkunde I (deel B) 2 1 deelvak 20
Opleidingen	5 170435 --LST001P05 Slavische Taalkunde I 5 1 vak I 20
Categorieën	6 199697 ----LST001P05A Slavische taalkunde I (deel A) 2 1 deelvak 10
	7 199698 ----LST001P05B Slavische taalkunde I (deel B) 2 1 deelvak 20
	8 170042 --LSV007P15 Taalvaardigheid Russisch, Major: B... 15 1 vak I 30
	9 199657 --LSV007P15A Taalvaardigheid Russisch, Major: B... 5 1 deelvak 10
	10 199658 --LSV007P15B Taalvaardigheid Russisch, Major: B... 10 1 deelvak 20
	11 171573 --LSX001P05 Russische Cultuurkunde I: Rusland... 5 1 vak I 40
	12 199902 ----LSX001P05A Russische cultuurkunde I: Rusland... 2 1 deelvak 10
	13 199903 ----LSX001P05B Russische cultuurkunde I: Rusland... 2 1 deelvak 20
	14 166787 --LSV008P15 Taalvaardigheid Russisch, Major: B... 15 1 vak II 50
	15 263259 --LSV008P15A Taalvaardigheid Russisch, Major: B... 5 1 deelvak 10
	16 263260 --LSV008P15B Taalvaardigheid Russisch, Major: B... 10 1 deelvak 20
	17 171574 --LSX002P05 Russische cultuurkunde II: MOEG 5 1 vak II 60
	18 263581 ----LSX002P05A Russische cultuurkunde II: MOEG (... 2 1 deelvak 10
	19 263582 ----LSX002P05B Russische cultuurkunde II: MOEG (... 3 1 deelvak 20
	20 375109 --LFAFACMIN Minor 10 1 groep II 70
	21 168845 ----LGX018P10 Niet-westerse studies I: Inleiding N... 10 0 vak II 10
	22 199412 ----LGX018P10H Niet-westerse studies I: Inleiding N... 5 1 deelvak 10
	23 199413 ----LGX018P10W Niet-westerse studies I: Inleiding N... 5 1 deelvak 20
	24 168824 ----LGX022P10 De Mediterrane Wereld I: Inleiding ... 10 0 vak II 20
	25 199408 ----LGX022P10A De Mediterrane wereld I: Inleiding ... 5 1 deelvak 10
	26 199409 ----LGX022P10B De Mediterrane wereld I: Inleiding ... 5 1 deelvak 20
	27 167737 ----LGX023P10 Europa: Idee en Constructie I: Eur... 10 0 vak II 30
	28 199215 ----LGX023P10A Europa: Idee en Constructie I: Eur... 5 1 deelvak 10
	29 199216 ----LGX023P10B Europa: Idee en Constructie I: Eur... 5 1 deelvak 20
	30 171005 ----LGX024P10 Midden- en Oost-Europese Studies ... 10 0 vak II 40
	31 199814 ----LGX024P10A Midden- en Oost-Europese Studies ... 5 1 deelvak 10
	32 199815 ----LGX024P10B Midden- en Oost-Europese Studies ... 5 1 deelvak 20
	33 167713 ----LJX001P10 Media en journalistieke cultuur I: I... 10 0 vak II 50
	34 199209 ----LJX001P10A Media en journalistieke cultuur I: I... 5 1 deelvak 10
	35 199210 ----LJX001P10B Media en journalistieke cultuur I: I... 5 1 deelvak 20
	36 173226 ----LMIC03P10 Inleiding in communicatie 10 0 vak II 60
	37 171617 ----LMIT07P05 Taal: ontstaan en evolutie 5 0 vak Ila 70
	38 171618 ----LMIW07P05 Genre-analyse en tekstinterpretatie 5 0 vak Iib 80
	39 173750 ----LMIW08P05 Inleiding in de literatuurwetenschap 5 0 vak Ila 90
	40 171564 ----LTX016P05 Taaltypologie: Eenheid en verschil... 5 0 vak Iib 100
	41 166130 ----LYX011P05 Inleiding internationale politiek 5 0 vak Ila 110
	42 169420 ----LYX013P05 Internationale Organisatie 2 5 0 vak Ila 120
	43 182373 ----RGAR13010 IR/IO Introduction to International ... 5 0 vak Iib 130
	44 375507 ----LWX019P05 Film 1a: Filmanalyse 5 0 vak Ila 199
	45 375508 ----LWX020P05 Film 1b: Filmanalyse 5 0 vak Ila 200

Bekijken Wijzigen Verwijderen Zoek om te koppelen  
Toevoegen Exporteren



# From ECTS to prelim. advice

Progress

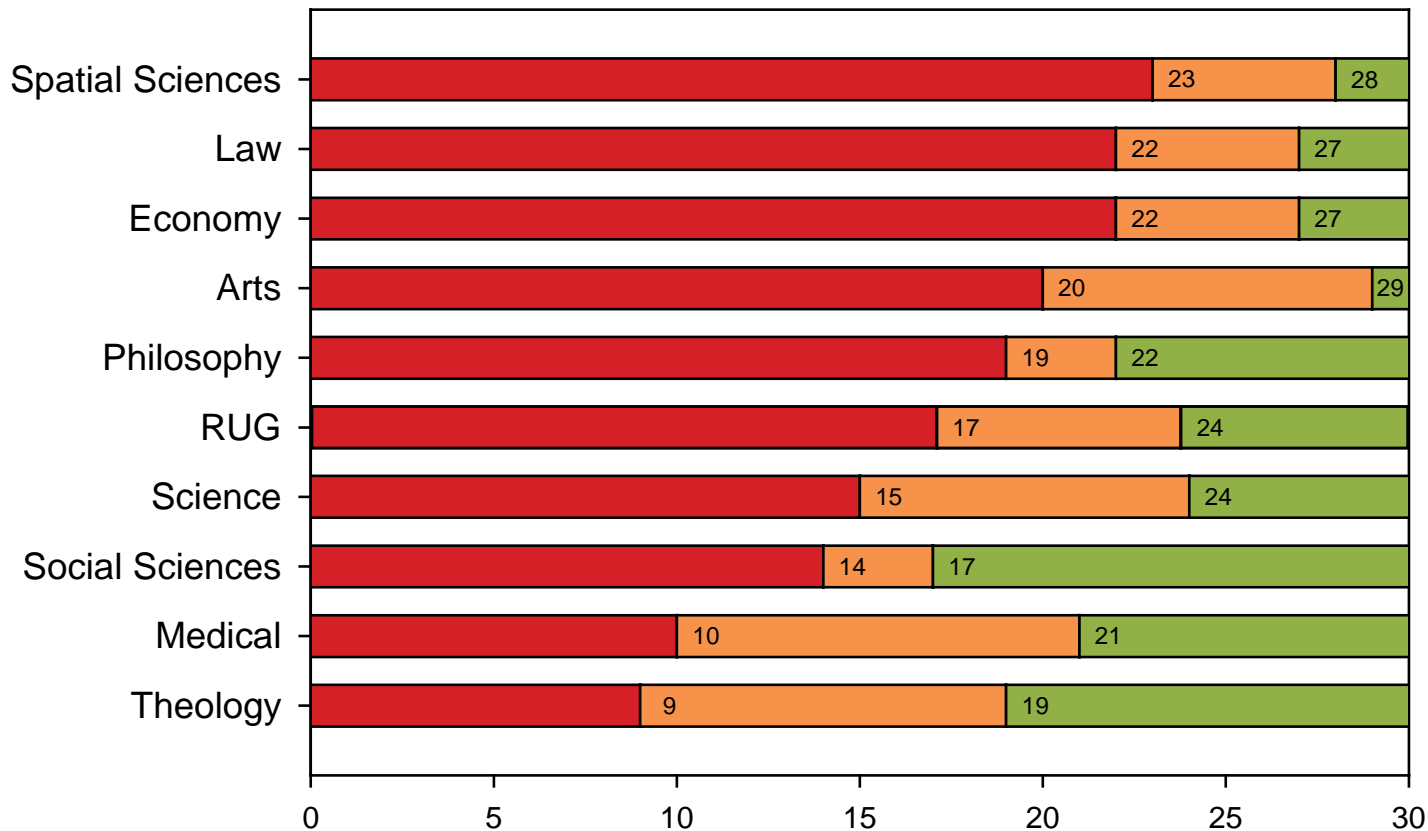
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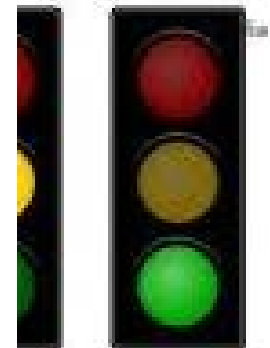
Stu

Wiskunde en Natuurwetenschappen

BSc Natuurkunde (Jaar 1)



thresholds for categories (in ECTS)







# How to inform

automated  
e-mail  
every block





# How to inform the student?

Progress.NET

Studenten Inschrijvingen **Studievoortgang** Financieel Beheer

Onderwijs  
Overig  
BSA

BSc International Business

2: BSc International Business  
Soort: programma Studielast: 60,00 ECTS Geldig van: 2014-2015 Geldig tot: 2014-2015

Definitie Resultaten

Voortgang  
details

Catalogus-  
details

Docenten

Literatuur

Planning

Koppelingen

Onderdeel  
van

Opleidingen

Categorieën

## Relaties tussen onderwijsonderdelen

Filter toevoegen

	Code	Titel	SL	VP	SRT	Plan	Som	Weging	Volgorde
1	2	BSc International Business	60,00	Ja	programma	60,00	0,00		
2	__EBP003A05	Introduction International Business	5,00	Ja	vak				
3	__EBP670C05	Organizational Structure	5,00	Ja	vak				
4	__EBP018A05	Global Supply Chain Management	5,00	Ja	vak				
5	__EBP030A05	Financial Accounting for IB	5,00	Ja	vak				
6	__EBP665C05	English for IB	5,00	Ja	vak				
7	__EBP654D05	Organizational Behaviour for IB	5,00	Ja	vak				
8	__EBP031A05	International Business Environment	5,00	Ja	vak				
9	__EBP662C05	Research Methodology for IB	5,00	Ja	vak				
10	__EBP657C05	Statistics I for IB	5,00	Ja	vak				
11	__EBP017B05	Management Accounting for IB	5,00	Ja	vak				
12	__EBP660C05	Economics for IB	5,00	Ja	vak				
13	__EBP661C05	International Marketing for IB	5,00	Ja	vak				

Bekijken Wijzigen Verwijderen Zoek om te koppelen Voeg subonderdeel toe en koppel Kopieer  
Toevoegen Exporteren

nded in 1614

Studievoortgang

Studievoortgang

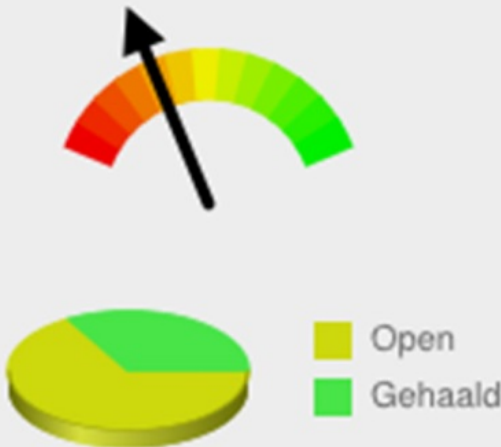

Selecteer een ander programma: BSc International Business

Course Code	BSc International Business - 20.0 ECTS Behaald	Credits	Result	Grade
				
2	BSc International Business - 20.0 ECTS Behaald	60.0	20.0	6.75
EBP665C05	English for IB	5.0	5.0	7
EBP003A05	Introduction International Business	5.0	0.0	5
EBP018A05	Global Supply Chain Management	5.0	0.0	4
EBP670C05	Organizational Structure	5.0	5.0	7
EBP030A05	Financial Accounting for IB	5.0	5.0	6
EBP654D05	Organizational Behaviour for IB	5.0	0.0	4
EBP660C05	Economics for IB	5.0	5.0	7
EBP661C05	International Marketing for IB	5.0	0.0	2
EBP657C05	Statistics I for IB	5.0	0.0	3
EBP031A05	International Business Environment	5.0	0.0	4
EBP017B05	Management Accounting for IB	5.0	0.0	2
EBP662C05	Research Methodology for IB	5.0	0.0	5
2	BSc International Business - 20.0 ECTS Behaald	60.0	20.0	6.75



## Studievoortgang

Selecteer een ander programma: BSc International Business ▼

Course Code	BSc International Business - 20.0 ECTS Behaald	Credits	Result	Grade	
					
2	BSc International Business - 20.0 ECTS Behaald	60.0	20.0	6.75	



Studievoortgang




Studievoortgang

Selecteer een ander programma: BSc International Business

Course Code	BSc International Business - 20.0 ECTS Behaald	Credits	Result	Grade	
					
2	BSc International Business - 20.0 ECTS Behaald	60.0	20.0	6.75	
EBP665C05	English for IB	5.0	5.0	7	
EBP003A05	Introduction International Business	5.0	0.0	5	
EBP018A05	Global Supply Chain Management	5.0	0.0	4	
EBP670C05	Organizational Structure	5.0	5.0	7	
EBP030A05	Financial Accounting for IB	5.0	5.0	6	
EBP654D05	Organizational Behaviour for IB	5.0	0.0	4	
EBP660C05	Economics for IB	5.0	5.0	7	
EBP661C05	International Marketing for IB	5.0	0.0	2	

Studievoortgang FMW

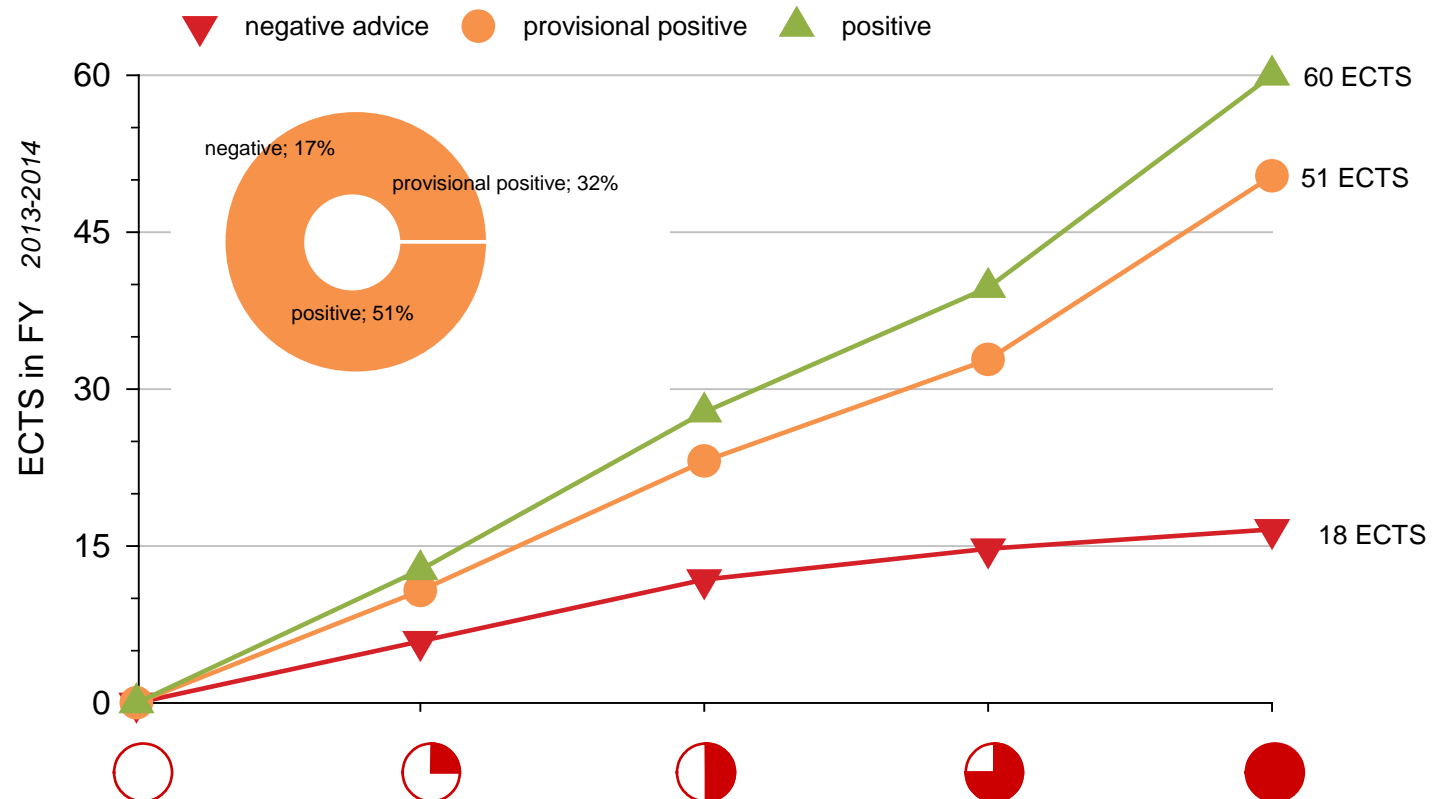
Selecteer een ander programma: Overige Resultaten

Course Code	Overige Resultaten - 0.0 ECTS Behaald	ECTS	Result	Grade	
					
1	Overige Resultaten - 0.0 ECTS Behaald		0.0		
	GK01.1 Cumulatief resultaat (not definitive)				85/123 (69%)
	GK01.1 Schriftelijke deelloets 1 - Ontwikkeling (not definitive)				19/30 (63%)
	GK01.1 Schriftelijke deelloets 2 - Metabool (not definitive)				34/44 (77%)
	GK01.1 Schriftelijke deelloets 3 - Nieuwvorming (not definitive)				32/49 (65%)
	GK01.3 Deelresultaat 1 - Kennisprogressie B1 LC IZ (not definitive)				G
1	Overige Resultaten - 0.0 ECTS Behaald		0.0		

This is an overview of your study results from the exams, as listed in Progress. Progress is the official student progress monitoring system at the University of Groningen. The exam is followed by your, tentative, partial exam results as they are registered. The partial exam results have been provided by the Medical Sciences Curriculum Office. You may not derive any rights from this overview.

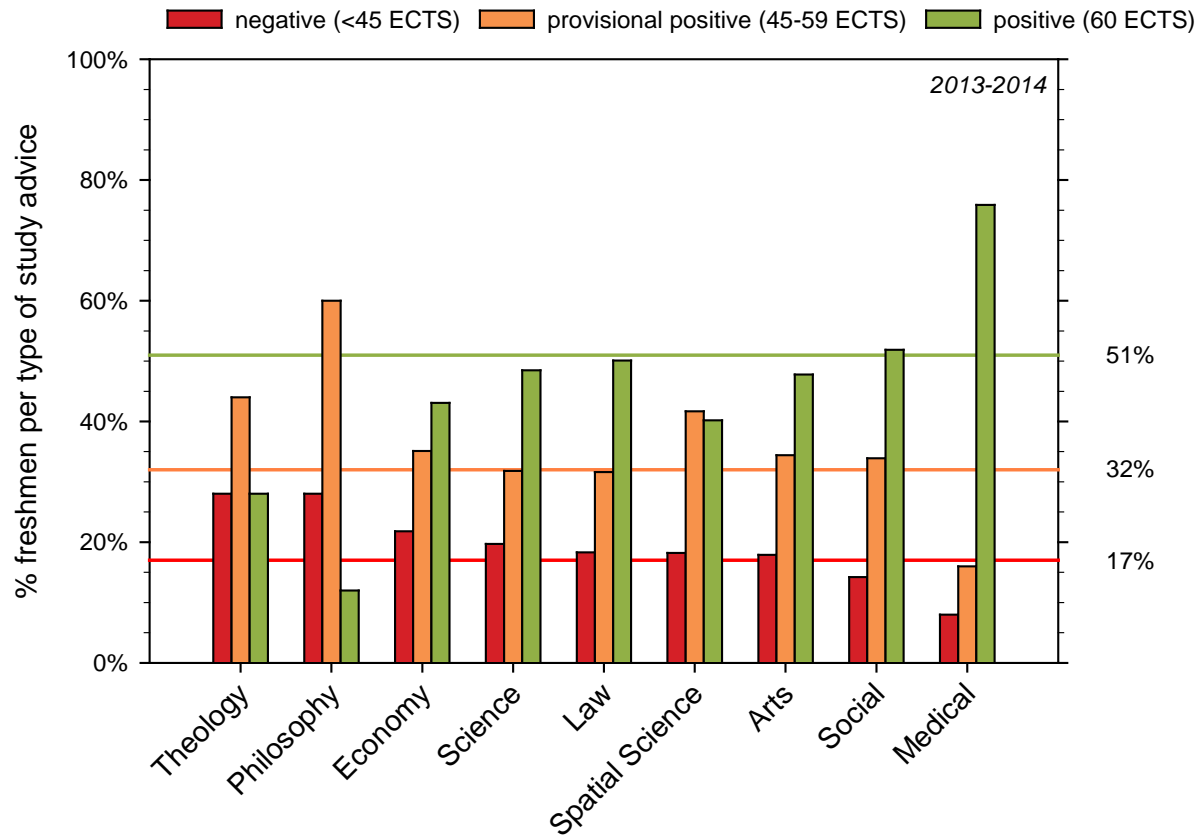


# Study success





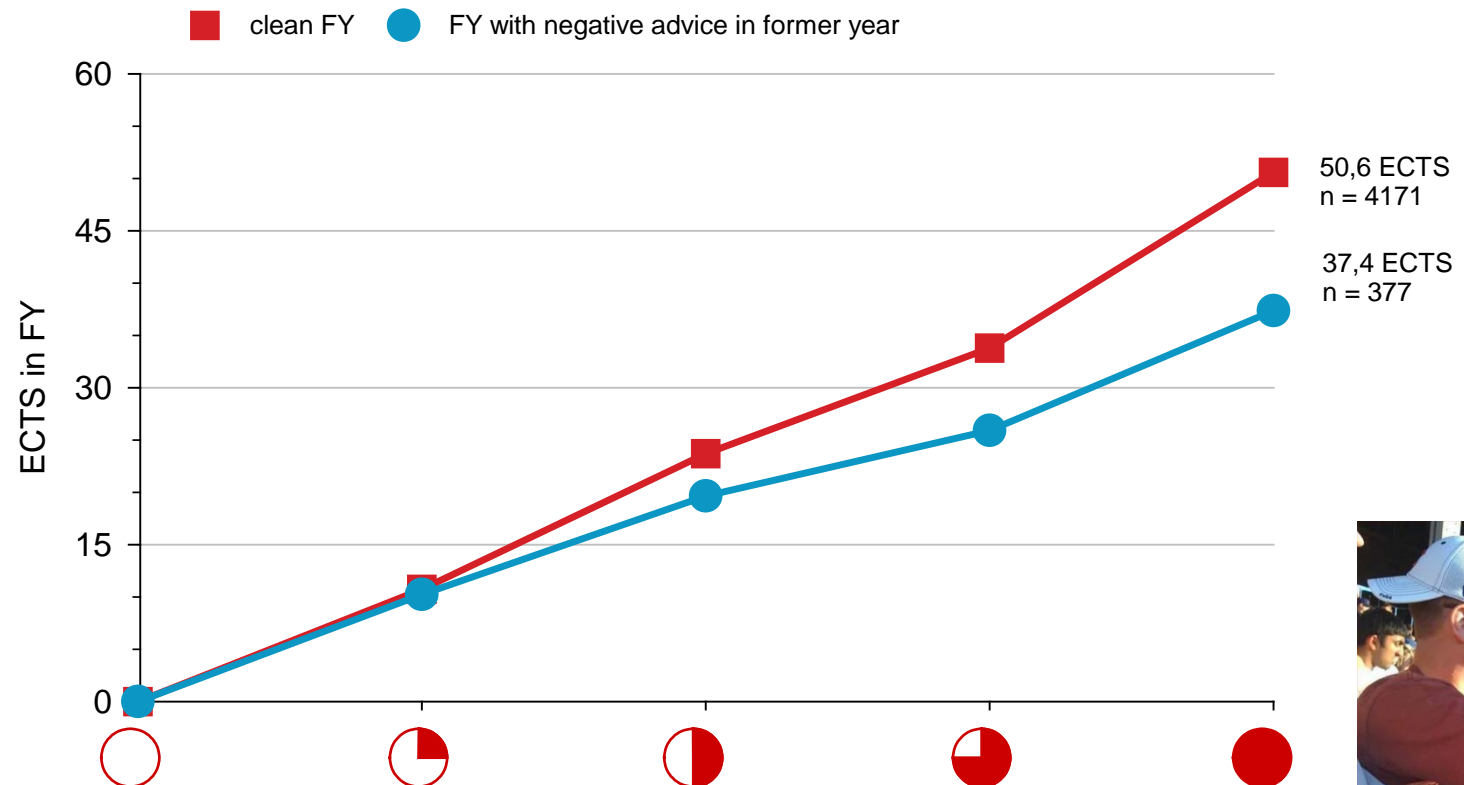
# Study advice per faculty





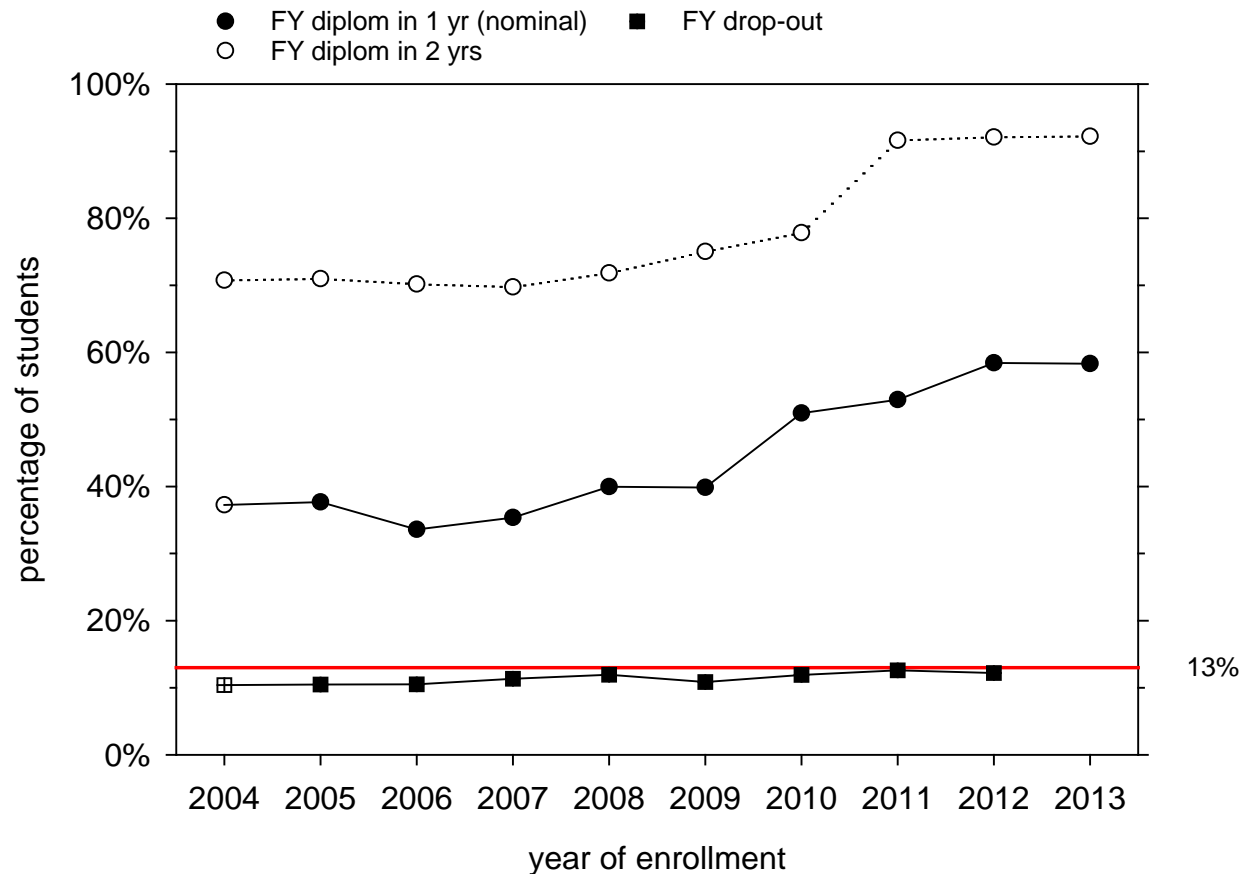


# Effect of BSA



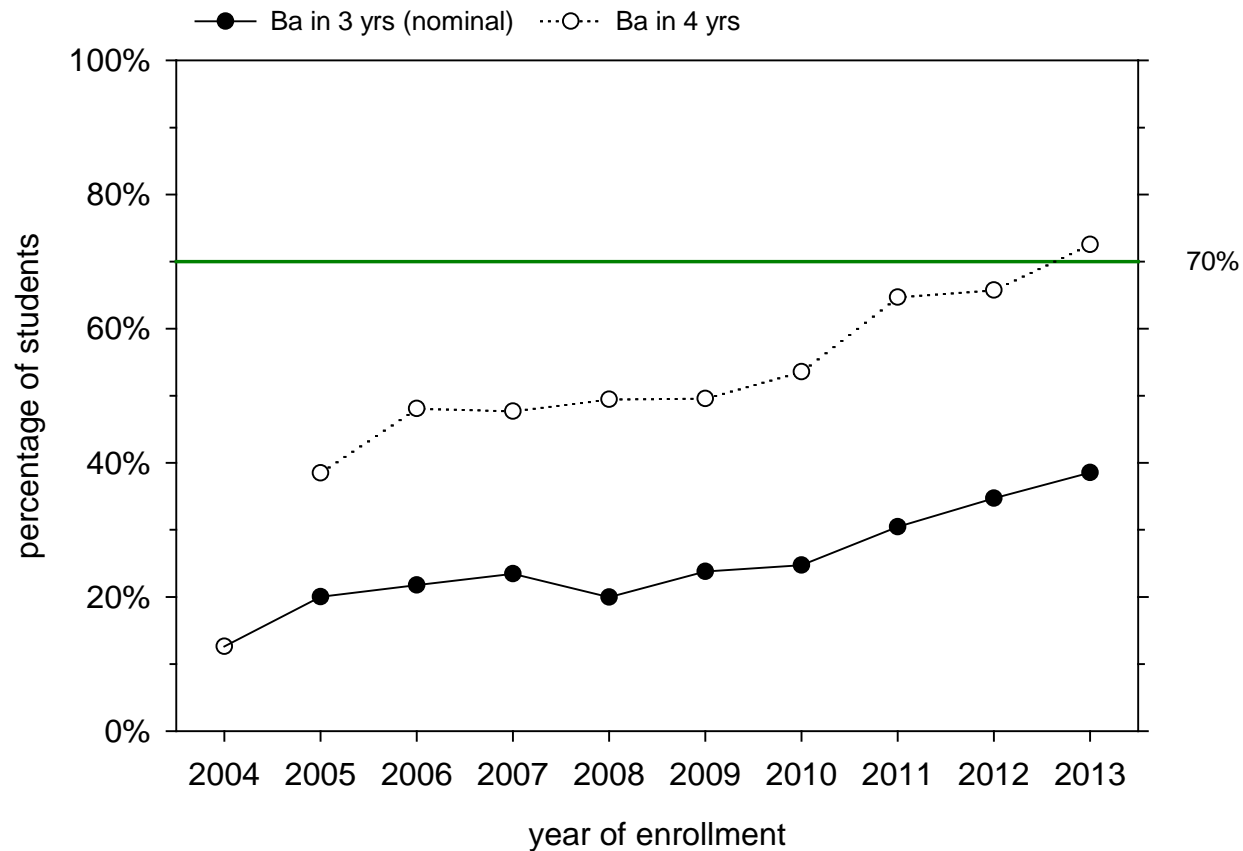


# Success rate – first year



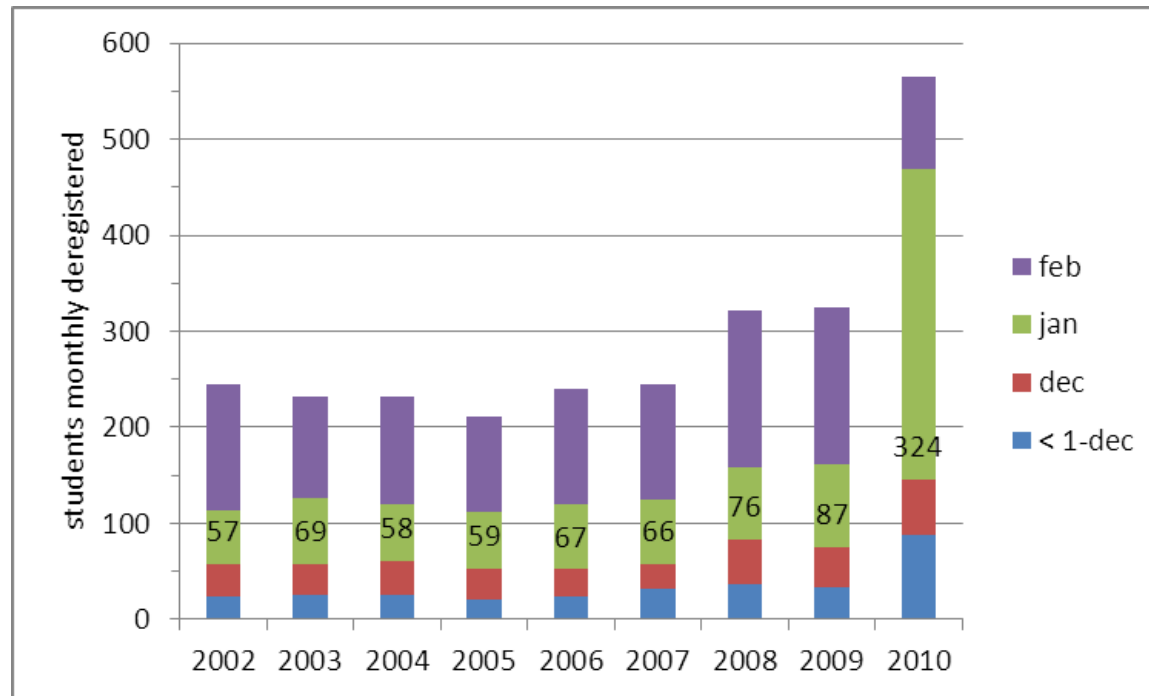


# Success rate - Bachelor level





# Earlier deregistration





# Results

- › More students have more credits
- › Less students with no credits
- › Students deregister earlier





# Challenges

- › Messaging:
  - email is no longer the single best way to reach students (was it ever?)
- › Reporting:
  - additional views will be requested
- › Institutional:
  - formalisation of administration

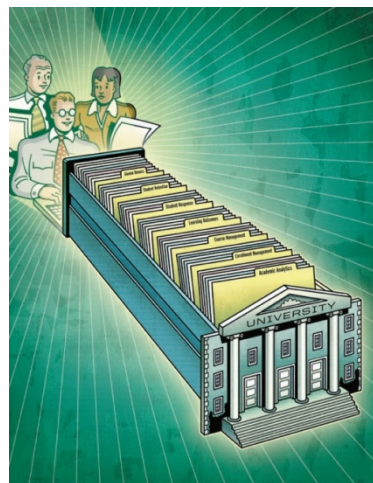
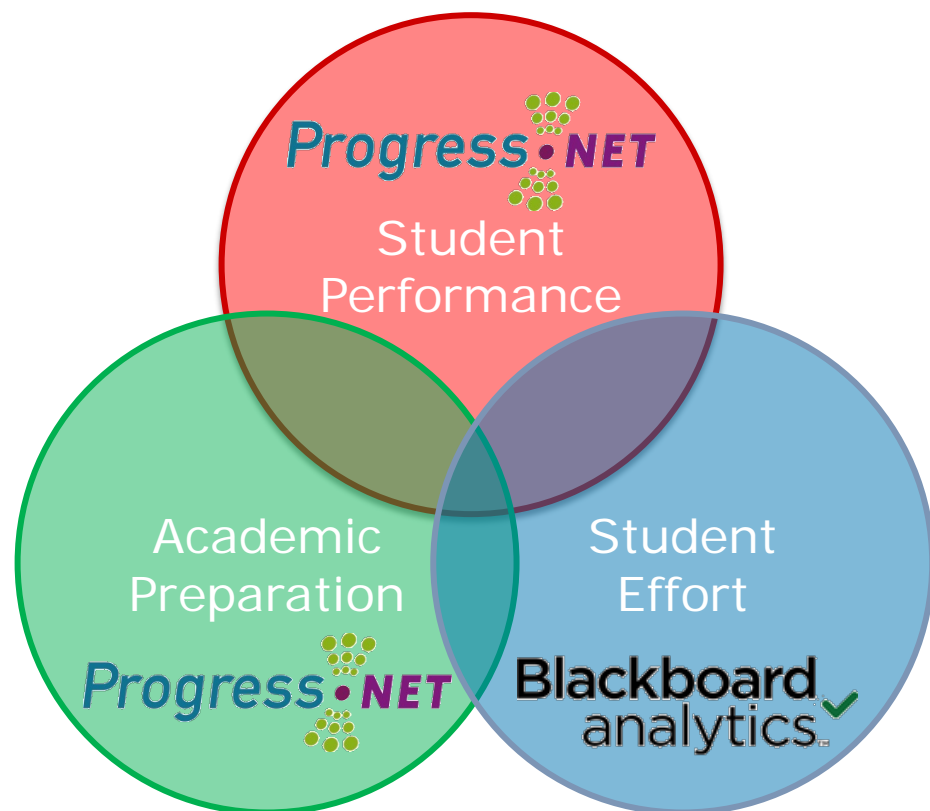






# New possibilities

› Early warning system: signals + interventions





# Contact information

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University of Groningen

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