Contents

	List of figures List of tables List of contributors	viii ix xi
1	Students' learning patterns in higher education and beyond: Moving forward DAVID GIJBELS, VINCENT DONCHE, JOHN T. E. RICHARDSON AND JAN D. VERMUNT	1
	RT I mensions of learning patterns	9
2	(Dis)similarities in research on learning approaches and learning patterns GERT VANTHOURNOUT, VINCENT DONCHE, DAVID GIJBELS AND PETER VAN PETEGEM	11
3	The dimensionality of student learning patterns in different cultures JAN D. VERMUNT, LARIKE H. BRONKHORST AND J. REINALDO MARTÍNEZ-FERNÁNDEZ	33
4	Modelling factors for predicting student learning outcomes in higher education LINDA PRICE	56
5	Exploring the concept of 'self-directedness in learning': Theoretical approaches and measurement in adult education literature ISABEL RAEMDONCK, CAROLINE MEURANT, JULIEN BALASSE, ANNE JACOT AND MARIANE FRENAY	78

6	Student teachers' learning patterns in school-based	
	teacher education programmes: The influence of person, context and time	102
	MAAIKE D. ENDEDIJK, VINCENT DONCHE AND IDA OOSTERHEERT	102
PA	ART II	
M	easuring learning patterns and development	123
7	Achievement goals, approaches to studying	
	and academic attainment JOHN T. E. RICHARDSON AND RICHARD REMEDIOS	125
8	Learning processes in higher education: Providing new insights into the effects of motivation	
	and cognition on specific and global measures of	
	achievement Mikaël de Clercq, benoît galand and mariane frenay	141
9	University students' achievement goals and approaches to learning in mathematics: A re-analysis investigating	
	'learning patterns'	163
	FRANCISCO CANO AND ANA BELÉN GARCÍA BERBÉN	
10	Exploring the use of a deep approach to learning with	
	students in the process of learning to teach CAROL EVANS	187
11	Understanding differences in student learning and academic achievement in first year higher education:	
	An integrated research perspective	214
	VINCENT DONCHE, LIESJE COERTJENS, TINE VAN DAAL, SVEN DE MAEYER AND PETER VAN PETEGEM	
12	Challenges in analysing change in students'	
	approaches to learning	232
	SARI LINDBLOM-YLÄNNE, ANNA PARPALA AND LIISA POSTAREFF	
13	Students' approaches to learning in higher education: The interplay between context and student	249
	EVA KYNDT, FILIP DOCHY AND EDUARDO CASCALLAR	

14	Do case-based learning environments matter? Research into their effects on students' approaches	
	to learning, motivation and achievement	273
	MARLIES BAETEN, KATRIEN STRUYVEN AND FILIP DOCHY	
15	Students' learning patterns in higher education:	
	Dimensions, measurement and change	295
	JAN D. VERMUNT, JOHN T. E. RICHARDSON, VINCENT DONCHE	
	AND DAVID GIJBELS	
	Index	311