

201700999 Business Management

Cursus	201700999	Business Operations Management (BOM)	2017
Lange naam	Business Management	Coördinerend onderdeel	B-IBA
Korte naam (Engels)	Business Management (BM)	Contactpersoon	Doe, J. (M1234567)
Lange naam (Engels)	Business Management	Ingangsjaar	2017
Cursustype	MODULE	Volgend collegejaar	2018
Minimum punten	15,0 EC	Laatste collegejaar	
Opmerking	Vervanging van 201300999	Status	Concept
Opmerking (Engels)	Replacer of 201300999		
Aantekening intern	Module IBA 1.4 sterprogramma		

VOERTAAL:

Voertaal	Omschrijving
EN	Engels

VRIJE VELDEN:

Rubriek	Vrij veld	Inhoud
DEELN OPL	DEELNEMENDE OPL	B-IBA

BLACKBOARD	Koppel inschr. aan	2017001999
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WERKVORMEN:

Werkvorm	Omschrijving	Aanw. plicht?	Inschrijven?
EXL	Excursie	Nee	Nee
HC	Hoorcollege	Nee	Automatisch
PRO	Project begeleid	Ja	Automatisch
RES	Responsiecollege	Ja	Automatisch
WC	Werkcollege	Nee	Automatisch
ZGB	Zelfstudie met begeleiding	Nee	Automatisch

"Werkvormen" (Instructional modes)
Possible modes are:

- ASM Assessment
- COL Colstructie
- CQ Colloquium
- EXC Excursie
- HC Hoortcollege
- ONTW Ontwerp
- OPDRACHT Opdracht
- OVO Overig onderwijs
- PJB Project begeleid
- PJO Project onbegeleid
- PRA Practicum
- PRS Presentatie(s)
- Q&A Vragenuur
- RES Responsiecollege
- ST Stage
- THESIS Eindproject
- VV Veldwerk
- WC Werkcollege
- WG Werkgroep
- ZGB Zelfstudie geen begeleiding
- ZMB Zelfstudie met begeleiding

TOETSEN:

Toets	Omschrijving	Omschrijving (Engels)	Toetsvorm	Weging	Punten	Minimum cijfer	Verplicht	Aantal gelegenheden
TOETS-1	Business Operations Management	Business Operations Management	SCHR	60	10,0	5,5	Ja	2
Resultaatschaal: 1-DEC								
Opmerking extern								
5 exams								
Opmerking extern (Engels)								
5 exams								
TOETS-2	Probability	Probability					Ja	2
Resultaatschaal: 1-DEC								
Opmerking extern								
1 Exam								
Opmerking extern (Engels)								
1 Exam								
TOETS-3	Project	Project	OPDR-PRE S	30	3,0	5,5	Ja	1

The test modes (one entree possible) are:

- EINDOPDR Thesis/paper
- MONDL Oral examination
- OPDR Assignment(s)
- OPDR-MOND Assignments(s) and oral exam
- OPDR-PRES Assignments(s) and presentation
- PRES Presentation(s)
- PROITENT Project exam
- PRS Presentation(s)
- SCHR Written examination
- SCHR-MC Written examination multiple choice
- SCHR-OPDR written exam and (group) assignments
- SCHR-OV Written examination with open questions
- SCRIPTIE Essay
- TOETSEN Partial exam/ Intermediate test

Resultaatschaal: 1-DEC

Opmerking extern

Group report

Opmerking extern (Engels)

Group report

BLOKKEN:

Aanvangsblok	Werkvorm	Blokken
1B	EXL	1B
	HC	1B
	PRO	1B
	RES	1B
	WC	1B
	ZGB	1B

Aanvangsblok	Toets	Blokken	(Resit blocks can be filled below)
1B	TOETS-1	1B	
	TOETS-2	1B	
	TOETS-3	1B	

DOCENTEN:

Docent	Naam
M_____	Scheinhardt, W.R.W. (M_____)
M_____	Wegen, L.L.M. van der (M_____)
M_____	Heijden, M.C. van der (M_____)
M_____	Poortema, K. (M_____)

DOEL:

Upon completion of this module students are expected to understand the main steps that a product undergoes from raw materials until delivery of the product to the customer, as well how these steps can be designed and managed.

Students will be able to:

- formulate an Operations Management strategy and translate this strategy into operational decisions
- analyze problems in an Operations setting using relevant literature, theory and data
- report on Operations Management decisions with a logical flow of argumentation

More specifically this means that students can:

- explain how operations and processes can be designed
- explain the way in which production of goods and services is planned and controlled
- explain how organizations can systematically improve operations, products and services
- explain the role and importance of global operations, and the role of Corporate Social Responsibility in the design, planning and control, and improvement of operations
- apply quantitative concepts and tools for the analysis of (relatively simple) operations

problems, and solve them- explain the evolution of supply management and the scope of the purchasing function

- explain a firm's purchasing strategy and the purchasing process
 - explain and make decisions on supply management issues such as portfolio analysis, supplier selection and performance measurement
 - explain the organizational structure and inter-firm relationships in which a purchasing department operates
 - describe leading edge topics in supply management, in particular global sourcing and CSR in purchasing/sustainable procurement
 - outline the processes, the key decision levels and the key performance indicators for a supply chain
 - outline options for supply chain network design and explain how the optimal design is influenced by the key drivers
 - explain planning and coordination of demand and supply in supply chains, including coping with the bullwhip effect
 - explain the role of transportation in supply chains and how to influence its efficiency and effectiveness
 - calculate safety stock levels related to the various types of inventories in a supply chain (ABC, functional), and analyze the impact of the key parameters
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- formulate (I)LP-models and interpret the computed solution of the (I)LP model
 - set up a project network, determine the critical path and make a cost/time analysis
 - choose the appropriate queuing model in a given context and calculate relevant queuing performance indicators (like e.g. average waiting time and utilization of the server(s))

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INHOUD:

In the Business Operations Management module you will learn about several knowledge domains. (i) Operations management (OM) is a fundamental knowledge domain in Business Administration. It is concerned with overseeing, designing, and controlling the process of production and redesigning business operations in the production of goods and/or services. (ii) Purchasing and supply management (PSM) focuses on the purchasing function, buyer-supplier relationships and the role of purchasing in the management of these relationships. (iii) Supply chain management (SCM) focuses on operations management in the context of the supply chain, from the supply of raw materials to delivery of the final product to the customer. This knowledge domain covers issues such as supply chain performance, network design, transportation and inventory management. Due to the quantitative nature of operations management and the quantitative focus of the BOM module in the new International Business Administration program, considerable attention will be devoted to (iv) Modelling of operations (MOO). In this module, also attention will be given to Probability.

* For the 5 exams related to Test 1 - Business Operations Management, compensation is possible. Minimum grade for each of those exams is 5.0, provided that the weighted average is at least 5.5 (for the weights please check the student manual).

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MATERIALEN:

Volgnr	Materiaal		Omschrijving
1	STUDIEMAT	Verplicht	Slack, N, Chambers, S., Johnston, R. (2013, 7th ed). Operations Management, Pearson. ISBN: 9780273776208.
2	STUDIEMAT	Verplicht	Cousins, Lamming, Lawson, Squire (2008). Strategic supply management, Pearson. ISBN: 9780273651000.
3	STUDIEMAT	Verplicht	Supply Chain Management – Strategy, Planning and Operation”, Sunil Chopra and Peter Meindl (2016, 6th ed.), Pearson (ISBN 10:1292093560; ISBN 13: 9781292093567.
4	STUDIEMAT	Verplicht	B.W. Taylor III (2013, 11th ed.). Introduction to Management Science, Pearson. ISBN 978-0132751919The books of Taylor and De Veaux et al. will be used in other IBA modules as well.
5	STUDIEMAT	Verplicht	De Veaux, R., Velleman, P.F., and Bock, D.E. (2012, 3rd Ed.). Stats, Data and Models, Pearson. The books of Taylor and De Veaux et al. will be used in other IBA modules as well.

Veronderstelde voorkennis: Basic understanding of probability and statistics. Basic level of understanding of algebra and calculus. Basic level of understanding of the phenomena (i) primary process, (ii) secondary process, (iii) transformation process

Voorkennis kan worden opgedaan met:

Bronnen voor zelfstudie: