Study Abroad Programme

The module description below is from the 2020/21 academic year and is subject to change, and for the use of study abroad students only.

MODULE SPECIFICATION

KEY FACTS

Module name	Operations and Supply Chain Management
Module code	BM1201
School	Cass Business School
Department or equivalent	Undergraduate Programme
UK credits	15
ECTS	7.5
Level	4

MODULE SUMMARY

Module outline and aims

The aim of this module is for you to understand how large companies do things...and how they could do so better. This means managing operations – how companies plan, execute and monitor process – especially in the context of supply chain management.

Operations is the 'how' we do things regarding of what function we work in within an organization – Accounting, HR, IT, Marketing, Operations, R&D, Sales or Supply chain. All CEO surveys in recent years list among their top five concerns: how to grow revenues, how to make their organization more efficient, and how to lower costs. All relate to 'doing things better'. The particular context that this module will emphasize most is supply chain management: the concepts and processes that companies use to buy, make, move and sell goods and services.

The aims of the module are to enable you to:

- Critically discuss concepts in operations and supply chain management
- Analyse and apply operations management in a supply chain context.
- Develop a reflective approach to news that companies announce in connection with current developments connected with supply chain management.

Content outline

To enhance your learning experience modules are designed to reflect contemporary issues in the business world using case studies and newspaper articles. The following is the structure of the module overall:

1. Introduction - the different aspects of operations management and the supply chain as a context

2. Volume and variety considerations in operations

3. Value add through procurement

4. Value add through sustainability efforts

5. Variability - managing fluctuations in operations

6. Viability of operations - quality

7. Visibility of operations (and to whom)

7. Vulnerability - managing disruptions

8. Breakthrough and continuous improvement

9. Project management to plan and manage change

10. Conclusion

Pre-requisites

None

WHAT WILL I BE EXPECTED TO ACHIEVE?

On successful completion of this module, you will be expected to be able to:

Knowledge and understanding:

- Apply key concepts in operations via process management
- Recognise the supply chain as a context for operations management
- Determine how global companies manage their operations and supply chain

Skills:

- Understand new concepts underlying the management of operations
- Apply these concepts to the analysis of situations from actual companies
- Understand how the same concept has to be applied differently in two different contexts

Values and attitudes:

- Share knowledge around operations management and its application with fellow students
- Go beyond 'narratives' to the fundamental economics in operations
- Appreciate ethical issues in operations and supply chain management
- Demonstrate an appreciation of ethical issues as they relate to both the subject matter and the wider business world.
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HOW WILL I LEARN?

A variety of learning and teaching methods will be used in this course.

Lectures are used to introduce context, concepts and techniques illustrated with practical and current examples. More importantly, you will also have the opportunity to participate in class discussions and work through examples and exercises with the support of the lecturer. It is strongly recommended that you attend ALL lectures.

Tutorials are used to explore the concepts and practices covered in the lectures in more detail. Specifically, they are used primarily to demonstrate technical material, although some discussion and analysis will accompany the practical techniques. Tutorials take place in smaller groups and you are expected to interact with the tutor and other students.

Key learning and teaching resources will be put on the module website on Moodle.

Self-directed learning hours are for independent study and account for the minimum amount of time you should spend studying independently. For example, carrying out subject research, practicing and reflecting on techniques learned in class, reading widely around the subject to

develop a deeper understanding, carrying out activities using the VLE, attending induction and career development workshops, working in groups to complete assignments and presentations, and completing individual assignments and other homework.

Teaching pattern:

Teaching component	Teaching type	Contact hours (scheduled)	Self-directed study hours (independent)	Placement hours	Total student learning hours
Lecture	Lecture	22	78		100
Tutorials	Tutorials	11	39		50
Totals		33	117		150

WHAT TYPES OF ASSESSMENT AND FEEDBACK CAN I EXPECT?

Assessments

This module is assessed by Coursework and Examination. Coursework will be in the form of five fortnightly assessed tasks, covering the material taught in the previous two weeks, each worth 6%. In each task you will be asked to perform analysis using the relevant software package and write a short report on a given problem. At the end of the module you will sit one final 135 minute exam during the University exam period.

Assessment pattern:

Assessment component	Assessment type	Weighting	Minimum qualifying mark	Pass/Fail?
Coursework	Set exercise	40%	0	N/A
Final Exam	Written exam	60%	0	N/A

Assessment criteria

Assessment criteria are descriptions of the skills, knowledge or attributes you need to demonstrate in order to complete an assessment successfully and Grade-Related Criteria are descriptions of the skills, knowledge or attributes you need to demonstrate to achieve a certain grade or mark in an assessment. Assessment Criteria and Grade-Related Criteria for module assessments will be made available to you prior to an assessment taking place. More information will be available in the UG Assessment Handbook and from the module leader.

Feedback on assessment

Following an assessment, you will be given your marks and feedback in line with the University's Assessment Regulations and Policy. More information on the timing and type of feedback that will be provided for each assessment will be available from the module leader.

Assessment Regulations

The Pass mark for the module is 40%. Any minimum qualifying marks for specific assessments are listed in the table above. The weighting of the different components can also be found above. The Programme Specification contains information on what happens if you fail an assessment component or the module.

INDICATIVE READING LIST

1. Sodhi, M. and Tang. C. (2013). Strategies and tactics of Chinese contract manufacturers & western OEMs, *International Journal of Production Economics* 146 (1)
2. Chopra, S. and Sodhi, M. (2014). Reducing the risk of supply chain disruption. *MIT Sloan Management Review* 55 (3)

3. Sodhi, M. and Sodhi, N. (2008). *Six Sigma Pricing*, Upper Saddle River. FT press.

4-11*.* Sodhi, M. (2016). Units 1-8, *Operations Management*. (work in progress)*.*

Recommended (but not required).

Hill, T. and Hill, A. (2011). *Essential operations management*. Basingstoke. Palgrave Macmillan.

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Appendix: *see* [http://www.hesa.ac.uk/component/option,com_studrec/task,show_file/Itemid,233/mnl,12051/href ,JACS3.html/](http://www.hesa.ac.uk/component/option,com_studrec/task,show_file/Itemid,233/mnl,12051/href,JACS3.html/) *for the full list of JACS codes and descriptions*

CODES		
HESA Codes	**Description**	**Price Group**
133	Business and management studies	D
JACS Codes	**Description**	**Percentage (%)**
N200	The study of managing organisations.	100
HECOS Codes	**Description**	**Percentage (%)**
100089	The study of managing organisations.	100