

Behavior, Contracts, Organizations and Human Resources

2015/2016

Code: 41982

ECTS Credits: 15

Degree	Type	Year	Semester
4311312 Management, Organization and Business Economics	OB	0	1

Contact

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Use of languages

Principal working language: english (eng)

Teachers

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Prerequisites

Students should be familiarized with basic instruments of microeconomics, such as preferences, risk aversion and expected utility, technology and equilibrium analysis. Basic real analysis and algebra are instruments used in the entire module.

Objectives and Contextualisation

This module includes several topics related to the economic analysis of the internal organization of the firm. The organization and development of the module will take into account the main learning objective of providing students with relevant economic theory to perform applied research in different fields of management.

The theories are built on economic analysis of transactions and production and focused on the design of contracts, the way that persons organize such transactions. The contract is the result of a negotiation process among the affected parties. Games and behavioral economics provide the instruments for analyzing these processes. The module analyzes repeated and non repeated games under different information situations as well as non-cooperative and cooperative games. We make special emphasis on the applications of cooperative games to the contract design. The module also analyzes how external constraints (laws and state regulation) affect the design of such contracts.

The module emphasizes the application of the theories studied in the analyses of the human resources policies of the firms. Other potential applications (industrial organization, corporate finance...) are also discussed.

Skills

- Analyse business cases from a theoretical perspective with the aim of better understanding organisational behaviours.
- Analyse the different practices and strategies in human resources from the perspective of economic rationality.
- Design organisational strategies on the basis of available theoretical concepts and empirical evidence.
- Develop a critical and a constructive attitude to one's work and that of others.
- Develop an ethical, social and environmental commitment.
- Draw valid conclusions for business from case studies.
- Evaluate decisions based on efficiency and social equity criteria.
- Explain and motivate the analyses, interpret the results and present all these clearly and concisely in English.
- Identify the relevant sources of information and their content for subsequent analysis.
- Interpret the most recent theoretical debates about forms of contracting, management and administration of organisations.
- Leadership and decision-taking capability.
- Master the technical and IT tools needed to carry out applied studies.
- Present research results to various audiences using the different media available.
- Understand, analyse and solve complex problems related to the efficiency of organisations on the basis of broad knowledge of advanced tools for business economic analysis.
- Work in multidisciplinary international teams.

Learning outcomes

1. Analyse the different practices and strategies in human resources from an economic perspective.
2. Derive implications for organisational design and culture.
3. Design optimal human resource policies.
4. Develop a critical and a constructive attitude to one's work and that of others.
5. Develop an ethical, social and environmental commitment.
6. Discover the factors that limit the firm and its forms of cooperation.
7. Enumerate and define the different criteria of business efficiency.
8. Explain and motivate the analyses, interpret the results and present all these clearly and concisely in English.
9. Further investigate behavioural economics and information economics.
10. Further investigate their implementation and design.
11. Identify the implementation of these theories in the real world.
12. Identify the relevant sources of information and their content for subsequent analysis.
13. Interpret organisational decisions by applying criteria of business efficiency and equity.
14. Investigate the design and organisational culture of the business.
15. Know efficient practices in human resources.
16. Leadership and decision-taking capability.
17. Master the technical and IT tools needed to carry out applied studies.
18. Present research results to various audiences using the different media available.
19. Recognise the differences between the different theories.
20. Show mastery of theory of organisations, contract theory and game theory.
21. Study the limits of the firm and its forms of cooperation.
22. Understand the concept of social equity and its complexity in the business environment.
23. Work in multidisciplinary international teams.

Content

The module presents the main economic theories on the design of contracts.

Three main blocks can be distinguished. Game theory will build the instruments used in the design of contracts. Special emphasis will be taken on cooperative game theory (Economics of contracts) and applications to the human resources management (Human resources). Below are some of the main points analyzed during the module.

1. Static games of complete information
2. Dynamic games of complete information and repeated games.
3. Games of incomplete information
4. Cooperative games
5. Experimental methods
6. Behavioral Economics
7. Complete contracts under asymmetric information -Moral hazard (agency theory) -Extension.
8. Multi-Agent contracting -Adverse Selection and Mechanism design -Moral hazard in team
9. Implicit contracts -Theory -Relational contracts -Career concerns
10. Incomplete contracts
11. Informal contracts
12. Contracts and the Law
13. Human capital and their observability.
14. Learning about innate abilities: A midpoint between human capital and signaling from a dynamic perspective.
15. Human capital and firms internal organization.
16. Motivation: The agency problem. Incentive contracts.
17. Human resource management and performance
18. Internal Labour Markets
19. Unions and HRM.

A detailed description of their contents can be found: <http://www.mmove.uab.cat/en/>

Methodology

The module combines theoretical lectures and practical sessions that require the dynamic participation of students. Learning activities include: following lectures on main topics, making of problems and computer exercises, reading and critical reviewing of papers. This is an interactive module. Case preparations and in-class discussions will form the important benchmarks of progress. In-class discussions give students an opportunity to apply material from the class to real-world problems. Other class sessions will be primarily dedicated to lecture material and shorter discussions

Activities

Title	Hours	ECTS	Learning outcomes
Type: Directed			
Lectures, discussions and case presentations	175	7	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23
Type: Supervised			
Training and monitoring of work in progress and cases	50	2	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23
Type: Autonomous			
Reading related cases and practical preparation	110	4.4	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16,

Evaluation

The module assessment will consist of:

- Assignments (resolution of problems, case studies). Even if cooperation is valuable, all problem set must contain only individual answers to the problems.
- Paper discussions
- Exams

Attending the sessions is a requirement.

The module is passed when the final mark is equal or higher than five.

Evaluation activities

Title	Weighting	Hours	ECTS	Learning outcomes
Assignments	40	15	0.6	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23
Content exams	50	15	0.6	9, 10, 11, 14, 15, 19, 20, 21, 22
Paper discussions	10	10	0.4	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23

Bibliography

Addison, J.T., P. Teixeira and T. Zwick (2010): "German works councils and the anatomy of wages", *Industrial and Labor Relations Review*, 63(2), 247-270.

Baker, George, Robert Gibbons, and Kevin J. Murphy. 1994. "Subjective Performance Measures in Optimal Incentive Contracts." *Quarterly Journal of Economics* 109:1125-56.

Baker, George. 1992. "Incentive Contracts and Performance Measurement." *Journal of Political Economy* 100:598-614.

Baron, J. & Kreps D. (1999) *Strategic Human Resources Frameworks for Managers*. New York: Wiley.

Benson, J., and M. Brown (2009): "Employee voice: does union membership matter?", *Human Resource Management Journal*, 20 (1), 80-99.

Bidwell, M. (2011): "Paying more to get less: the effects of external hiring versus internal mobility", *Administrative Science Quarterly*, 56(3), 369-407.

Blaug M. 1976. The Empirical Status of Human Capital Theory: A Slightly Jaundiced Survey. *Journal of Economic Literature*, 14, September, p.827-55.

Bolton, Patrick and M. Dewatripont. 2005. "Contract Theory." Cambridge: MIT Press.

Brandenburg, A. and Nalebuff, B. 1996. *Coopetition*. Harvard University Press.

Bull, Clive. 1987. "The Existence of Self-Enforcing Implicit Contracts." *Quarterly Journal of Economics* 102:147-59.

Camerer, C. 2003. *Behavioral Game Theory. Experiments in Strategic Interaction*. Princeton. University Press.

Camerer, C. and Malmendier, U. 2007. *Behavioral Economics of Organizations*. Manuscript.

Collins, C.J. and Smith, K.G. (2006): "Knowledge exchange and combination: the role of human resource practices in the performance of high-technology firms", *Academy of Management Journal*, 49(3), 544-560.

Demougin, Dominique & Fluet, Claude, 2001. "Monitoring versus incentives," *European Economic Review*, Elsevier, vol. 45(9), pages 1741-1764, October.

Fudenberg, Drew; Tirole, Jean (1991), *Game theory*, MIT Press, ISBN 9780262061414.

Ghatak, M. *Contracts and Organizations*, unpublished lecture notes, LSE

Gibbons, R., Roberts, J. (Eds.) (2012), *Handbook of organizational economics*. Princeton University Press, Princeton,

Gibbons, R.; Waldman M. 2006. Enriching a Theory of Wage and Promotion Dynamics inside Firms. *Journal of Labor Economics*, v. 24, 1, 59-107.

Gibbons, Robert D. (1992), *Game theory for applied economists*, Princeton University Press, ISBN 9780691003955 . * Published in Europe as Robert Gibbons (2001), *A Primer in Game Theory*,

Green, Jerry R.; MasColell, Andreu; Whinston, Michael D. (1995), *Microeconomic theory*, Oxford University Press, ISBN 9780195073409 .

Gutiérrez, O. and V. Salas (2008): "Performance Standards and Optimal Contracts", *Journal of Accounting and Economics*, 45, 139-152.

Haeck, C., and F. Verboven (2011): "The internal economics of a university: evidence from personnel data", *Journal of Labor Economics*, 30(3), 591-626.

Hart, Oliver and Bengt Holmstrom. 1987. "The Theory of Contracts." In T. Bewley (ed.), *Advances in Economic Theory*. Cambridge: Cambridge University Press.

Hart, Oliver. 1995. "Firms, Contracts and Financial Structure". Oxford University Press. Chapters 1, 2 and 3.

Hemmer, T., O. Kim and R. Verrecchia (2000): "Introducing Convexity into Optimal Compensation Contracts", *Journal of Accounting and Economics*, 28, 307-327.

Holmstrom, B. (1979): "Moral Hazard and Observability", *Bell Journal of Economics*, 10, 74-91.

Holmstrom, Bengt, and Paul Milgrom. 1991. "Multitask Principal-Agent Analyses: Incentive Contracts, Asset Ownership, and Job Design." *Journal of Law, Economics, and Organization* 7:24-52.

Holmstrom, Bengt. 1982. "Managerial Incentive Problems--A Dynamic Perspective." Republished in *Review of Economic Studies* 66 (1999): 169-82.

Ichniowski, C., Shaw, K. and Prennushi, G. (1997): "The effects of human resource management practices on productivity: a study of steel finishing lines", *American Economic Review*, 87(3), 291-313.

Jiang, K., Lepak, D.P., Hu, J. and Baer, J.C. (2012): "How does human resource management influence organizational outcomes? A meta-analytic investigation of mediating mechanisms", *Academy of Management Journal*, 55(6), 1264-1294.

Laffont, Jean-Jacques and David Martimort. 2002. "The Theory of Incentives: the Principal-Agent Model." Princeton: Princeton University Press.

- Lazear E. P. 1995. Personnel Economics. The Wicksell Lectures, Introduction, 1-11.
- Lazear E. P. 2000. The Future of Personnel Economics. The Economic Journal, 110, November, F611-639.
- Lazear, E. (1998) Personnel Economics for Managers. New York: Wiley.
- Lazear, E.; Gibbs M. (2009) Personnel Economics in Practice. Second Edition. New York: Wiley.
- Lazear, E.P., and P. Oyer (2004): "Internal and external labour markets: a personnel economics approach", Labour Economics, 11(5), 527-554.
- Lepak, D.P. and Snell, S.A. (1999): "The human resource architecture: toward a theory of human capital allocation and development", Academy of Management Review, 24(1), 31- 48.
- London: Harvester Wheatsheaf, ISBN 9780745011592 .
- Long, R., and J. Shields (2009): "Do unions affect pay methods of Canadian firms? A longitudinal study", Relations Industrielles/Industrial Relations, 64 (3), 422-465.
- Machin, S., and S. Wood (2005): "Human Resource Management as a substitute for trade unions in British workplaces", Industrial and Labor Relations Review, 58 (2), 201-218.
- McPhail, R., and R. Fisher (2008): "It's more than wages: analysis of the impact of internal labour markets on the quality of jobs", International Journal of Human Resource Management, 19(3), 461-472.
- Milgrom, P. and J. Roberts (1992): Economics, Organization & Management. Prentice-Hall (Chapter 7).
- Gutiérrez, O. (2007): "Linear Contracts as Incentives: A Puzzle", Spanish Economic Review, 9, 153-158.
- Mirrlees, J. ([1975], 1999): "The Theory of Moral Hazard and Unobservable Behaviour", Review of Economic Studies, 66, 3-21. Topic 4: Linear incentives. Milgrom, P. and J. Roberts (1992): Economics, Organization & Management. Prentice-Hall (Chapter 7). Gutiérrez, O. (2007): "Linear Contracts as Incentives: A Puzzle", Spanish Economic Review, 9, 153-158. Special Session: Solving the problem set.
- Morikawa, M. (2010): "Labor unions and productivity: An empirical analysis using Japanese firm-level data", Labour Economics, 17 (6), 1030-1037.
- Mussa, M. and S. Rosen. 1978. "Monopoly and Product Quality." Journal of Economic Theory . 301-317.
- Laffont, Jean-Jacques and David Martimort. 2002. "The Theory of Incentives: the Principal-Agent Model." Princeton: Princeton University Press. Chapter 2
- Myerson, Roger B. (1991), Game theory: analysis of conflict, Harvard University Press, ISBN 9780674341166.
- Nishii, L.H., Lepak, D.P. and Schneider, B. (2008): "Employee attributions of the "why" of HR practices: their effects on employee attitudes and behaviors, and customer satisfaction", Personnel Psychology, 61, 503-545.
- Osborne, Martin J. (2004), An introduction to game theory, Oxford University Press, ISBN 9780195128956.
- Osborne, Martin J.; Rubinstein, Ariel (1994), A course in game theory, MIT Press, ISBN 9780262650403.
- Prendergast, C. 1999. The provision of incentives in firms. Journal of Economic Literature, p. 7-63.
- Raju, J. and V. Srinivasan (1996): "Quota-based Compensation Plans for Multiterritory Heterogeneous Salesforces", Management Science, 42, 1454-1462.
- Rasmusen, Eric (2006), Games and Information: An Introduction to Game Theory (4th ed.), WileyBlackwell, ISBN 9781405136662.
- Roth, A. 1995. Introduction to experimental economics. In Kagel, J. and Roth, A., Eds. Handbook of Experimental Economics. Princeton University Press.

Salanie, Bernard. 1997. "The Economics of Contracts: a Primer." Cambridge: MIT Press. • Salas, Vicente. "Economía de la Empresa". Ariel.

Sattinger, M. 1993. Assignment models of the distribution of earnings. *Journal of Economic Literature*, 31, 2.

Treble, J., E. van Gameren, S. Bridges, and T. Barmby (2001): "The internal economics of the firm: further evidence from personnel data", *Labour Economics*, 8(5), 531-552.

Weiss, A. 1995. Human Capital vs. Signalling Explanations of Wages. *Journal of Economic Perspectives*. 133-154.