DOCTORAL REGULATIONS
FACULTY OF ECONOMICS AND BUSINESS ADMINISTRATION (FEB)

DUTCH VERSION APPROVED BY THE FACULTY COUNCIL ON 8 NOVEMBER 2017

Readers should be aware that only the Dutch version of this regulation has legal force. This English translation is strictly for reference and cannot be invoked as a legal tool.

1 Introduction

The Doctoral Regulations as presented in this document contain faculty specific stipulations for those who wish to proceed to a doctor's degree within the Faculty of Economics and Business Administration. These stipulations should be regarded as a faculty complement to the regulations in the "Education and Examination Code" (OER) of Ghent University (http://www.ugent.be/en/teaching/studentadmin/OEREnglish).

The Doctoral Regulations apply to all doctoral students at the Faculty of Economics and Business Administration.

These regulations also apply to doctoral students who seek a combined degree for an interdisciplinary PhD and who indicate the Faculty of Economics and Business Administration as their main faculty, unless the two faculties involved decide differently. These doctoral students also respect the related decisions of the Executive Board of the University of 29 April 2016.

2 Faculty regulations

Article 1

§1. Students who wish to proceed to a doctor's degree within the Faculty of Economics and Business Administration (FEB) must present their request to the dean who presents it to the Faculty Council. To start the doctoral process at the FEB the doctoral student should submit the completed application form 'Application for the first enrolment for the Doctorate and the Doctoral Training Programme' in consultation with the suggested supervisor(s) (http://www.ugent.be/nl/onderzoek/doctoreren/administratie/forms/firstenrolmentphd.pdf).

Each PhD student at the Faculty of Economics and Business Administration must declare to have knowledge of the Doctoral Regulations and of the Research Code of Ethics of the Faculty (http://www.ugent.be/eb/en/information-for-staff/documents/research-code-of-ethics-feb.pdf) and must agree to act accordingly.

With one exception defined in Article 4, the doctoral training programme is compulsory in the FEB. Once permission to start the doctoral process at the FEB is granted, the doctoral student hands in the completed form to the Office for Student Administration and Study Programmes and enrols. The enrolment for the doctoral training programme needs to be renewed every year.
§2. The doctoral student may address a written motivated request to the dean in order to alter the previously approved research topic of the dissertation, no later than 90 calendar days before the dissertation is submitted. The dean will submit this request to the Faculty Council.

Article 2

Applications without a positive advice of the suggested administratively responsible supervisor will not be taken into consideration.

Article 3

§1. For each doctoral project, the Faculty Council will assemble a doctoral advisory committee at the suggestion of the administratively responsible supervisor in accordance with the OER. This doctoral advisory committee consists of at least three and at most five members, including the supervisor(s). At least one member needs to be an expert from outside the department of the administratively responsible, and preferably an outside expert unrelated to Ghent University. The doctoral advisory committee has to be appointed at the Faculty Council meeting of the first registration. The members of the doctoral advisory committee and the doctoral student commit themselves to respect the provisions of the PhD Charter (http://www.ugent.be/en/research/doctoralresearch/charter.htm).

§2. The doctoral student may address a written motivated request to the dean to alter the composition of his/her doctoral advisory committee, including the supervisor(s), no later than 90 calendar days before the dissertation is submitted. The dean will submit this request to the Faculty Council.

Article 4

§1. As a rule, doctoral students at the FEB are obliged to follow the doctoral training programme. The content of this doctoral training programme differs according to the master diploma of the prospective doctoral student and the intended doctoral title.

§2. For doctoral students who are preparing a **PhD in Business Economics** and holding a Commercial Engineer master diploma (or similar);

doctoral students who are preparing a **PhD in Business Economics** and holding a Business Economics master diploma (or similar);

doctoral students who are preparing a **PhD in Public Administration and Management** and holding a Public Administration and Management master diploma

the compulsory programme consists of:

1. three oral presentations or posters at national or international conferences,
2. three specialist training courses organized or acknowledged by the Doctoral School to which the doctoral student belongs and
3. three transferable skills trainings organized or acknowledged by the Doctoral School to which the doctoral student belongs and chosen from three out of four following clusters: 'communication skills', 'research and valorisation', 'career management' and 'leadership and self-management'.

§3. For doctoral students who are preparing a PhD in Economics, the compulsory programme consists of:

1. three oral presentations or posters at national or international conferences,
2. five specialist training courses organized or acknowledged by the Doctoral School to which the doctoral student belongs,
3. three transferable skills trainings organized or acknowledged by the Doctoral School to which the doctoral student belongs and chosen from three out of four following clusters: 'communication skills', 'research and valorisation', 'career management' and 'leadership and self-management'.

With regards to the five specialist training courses the doctoral student follows at least two of the three basic course units in advanced microeconomics, advanced macroeconomics and advanced econometrics. Next to these two advanced basic courses, three courses are taken from the list of courses that are approved by the Doctoral School (see appendix 1). The doctoral student has not yet taken these (or equivalent) courses. As a substitute for these three courses the doctoral student may also consider courses abroad, or he/she may substitute one summer school for a course, etc., if this is well motivated by the doctoral advisory committee. The Scientific Research Committee will advise on any such requests.

§4. For doctoral students who are preparing a PhD in Business Economics and who don't hold a Commercial Engineer or Business Economics master diploma,

1. three oral presentations or posters at national or international conferences,
2. three specialist training courses organized or acknowledged by the Doctoral School to which the doctoral student belongs,
3. three transferable skills trainings organized or acknowledged by the Doctoral School to which the doctoral student belongs and chosen from three out of four following clusters: 'communication skills', 'research and valorisation', 'career management' and 'leadership and personal efficiency'.
4. Besides that, a maximum of three other specialist training courses may be imposed. The doctoral advisory committee submits a proposal for approval to the Faculty Council.

§5. For doctoral students who are preparing a Doctorate in Business Administration (DBA), besides holding a master diploma, it is required that they have at least ten years of relevant professional experience with broad management experience. Before the application for admission can be submitted to the Faculty Council (see Article 1), an initial admission test will be organized by the Vlerick Business School. The doctoral training programme for the Doctorate in Business Administration is provided in collaboration with the Vlerick Business School. The programme is composed as follows:

1. five specialist training courses organized or acknowledged within the DBA doctoral training programme in collaboration with the Vlerick Business School (see appendix 2),
2. four oral presentations: two doctoral seminars and two presentations at the DBA conference, and
3. at least two participations in personal growth activities organized or acknowledged within the DBA doctoral training programme in collaboration with the Vlerick Business School. These activities can include, for example, the development of teaching skills or presentation skills in scientific forums.
If well motivated by the doctoral advisory committee, one of the specialist training courses can be replaced by an alternative training activity (e.g. a specialist course abroad, a summer school instead of a course, etc). The motivated application for alternative completion should receive a positive advice from the DBA Doctoral Committee, responsible for the doctoral training programme. In case of a positive advice, the proposed alternative can be included in the list of approved alternative courses (see appendix 2).

§6. Doctoral students preparing a PhD in Economics who already have an Advanced Master’s degree (or equivalent) are exempted from two specialist courses on the basis of their previously acquired knowledge and skills. Their doctoral training programme contains three instead of five specialist courses. Successful completion of the programme requires also for these students that they have followed at least two of the three basic course units in advanced microeconomics, advanced macroeconomics and advanced econometrics (or equivalent), either during their doctoral programme or during their earlier master studies.

§7. Doctoral students preparing a PhD in Economics who have already successfully completed the advanced courses in microeconomics, macroeconomics and econometrics (level Advanced Master’s degree in Economics, or equivalent), but do not yet have an Advanced Master’s degree in Economics (or equivalent), are exempted from one specialist course on the basis of their previously acquired knowledge and skills. Their doctoral training programme contains four instead of five specialist courses. Without prejudice to the possibility of alternative content as provided in §3, these four specialist courses have to be chosen from the list of courses acknowledged by the Doctoral School. The doctoral student has not yet taken these (or equivalent) courses.

§8. Doctoral students preparing a PhD in Economics or Business Economics or Public Administration and Management and who can rely on relevant (business) experience or knowledge may be granted exemption from above mentioned obligations based on previously acquired knowledge and skills. The doctoral student and the administratively responsible supervisor submit a motivated request to the Doctoral Schools (https://www.ugent.be/doctorschools/en/administration/exemption). The Faculty Council can grant the exemption conditional upon positive advice from the Doctoral Schools. To decide, the Faculty Council also asks the advice of the Scientific Research Committee.

Doctoral students who prepare a Doctorate in Business Administration and who have already acquired certain relevant knowledge or skills through previous courses or programmes may apply for exemptions from part of the doctoral training programme through the DBA Doctoral Committee responsible for this specific programme. The doctoral student and the administratively responsible supervisor submit a motivated request to the DBA Doctoral Committee (dba@ugent.be). The Faculty Council decides and can grant the exemption conditional upon positive advice from the DBA Doctoral Committee.

§9. Doctoral students may request partial or complete exemption from the doctoral training programme on the basis of a contract of cooperation with another university in the context of a joint PhD, or when their research is financed via a ‘sandwich’ scholarship supported by the Special Research Fund (BOF) of Ghent University, the Flemish Interuniversity Council (VLIR) or the Belgian Development Agency (BTC). The doctoral student and the administratively responsible supervisor submit a motivated request to the Doctoral Schools (https://www.ugent.be/doctorschools/en/administration/exemption). The Faculty Council can grant the exemption conditional upon positive advice from the Doctoral Schools. To decide, the Faculty Council also asks the advice of the Scientific Research Committee.
§10. At the moment of the first application to proceed to a doctor's degree within the Faculty of Economics and Business Administration, doctoral students may exceptionally request full exemption of the whole doctoral training programme. This request has to be substantiated by extensive motivation by the student and the proposed doctoral advisory committee. It must be made clear that crucial expertise and skills, which are normally acquired within the doctoral training programme by means of specialist courses or training in transferable skills, have already been acquired before by the doctoral student, for example in the form of relevant professional experience or knowledge acquired in firms or research institutions. The Faculty Council decides, after asking the advice of the Scientific Research Committee or – in case of a Doctorate in Business Administration – of the DBA Doctoral Committee responsible for this specific doctoral training.

Article 5

Every year the Scientific Research Committee organizes a "Research Day" which doctoral students preparing for a PhD in Economics, a PhD in Business Economics or a PhD in Public Administration and Management are expected to attend. During their PhD programme, those doctoral students must present at least one poster and at least one paper about their doctoral research. Doctoral students preparing for a Doctorate in Business Administration are welcome to attend this "Research Day".

Each year a DBA conference is organized at Vlerick Business School. Doctoral students preparing a Doctorate in Business Administration are expected to present their work at least twice over the full term of their doctorate. All other FEB doctoral students are welcome to attend this day.

Article 6

On the recommendation of the representation of the assistant academic staff, the Faculty Council appoints from the professorial staff a permanent and a replacement ombudsperson for doctoral students. The ombudsperson offers doctoral students the permanent opportunity to report about their experiences with their supervisor(s), their doctoral advisory committee and the way the doctoral training programme is organized. These conversations take place in all confidentiality. Doctoral students working within the department of the permanent ombudsperson turn to replacement ombudsperson. The ombudsperson annually reports on his/her activities to the Faculty Council.

Article 7

Between 1 April and 30 June of the ongoing academic year, each doctoral student is to submit an annual progress report to the doctoral advisory committee. Based on the progress report, the doctoral advisory committee formulates an advice on the doctoral student’s progress in research and, if applicable, the doctoral training programme. In case of a negative advice of the doctoral advisory committee, the dean decides whether or not the doctoral student is allowed to renew enrolment, after consulting the Scientific Research Committee.
Article 8

For a doctoral dissertation consisting of different papers the following guidelines apply:

§1. Preferably the different papers share a common thread with respect to content. Doctoral students may choose differently and connect papers with different research subjects by using a common methodology (e.g. game theory). The connection between the papers needs to be explained in the introduction of the doctoral dissertation.

§2. There’s no lower limit with respect to the number of papers. Quality resides over quantity. In case the PhD includes a limited number of papers, or the number of co-authors is disproportional, the doctoral advisory committee should explicitly motivate this working method in its final report.

§3. The FEB imposes no publication requirements or acceptance for publication with respect to the bundled papers. However, each and every paper should be of high quality and ready for publication (ready to be published in a journal with reading committee). The Examination Board judges the quality of the papers and accepts or rejects them.

§4. With respect to papers written in collaboration with co-authors the doctoral advisory committee should identify and specify the contribution of the doctoral student. Again the Examination Board judges the value and quality of the contribution of the doctoral student.

Article 9

For PhD’s in book form the following guidelines apply:

§1. The number of chapters may vary but the PhD should at least provide for three high quality papers that can be published (in a journal with reading committee). The Examination Board judges the quality of the papers and accepts or rejects them.

§2. In case parts of the doctoral research are conducted in collaboration with co-authors it is up to the doctoral advisory committee to identify and specify the contribution of the doctoral student.

Article 10

The final advice of the doctoral advisory committee upon submission of the dissertation has to clearly mention and motivate that the dissertation meets the regular level requirements and that the doctoral advisory committee agrees that the dissertation is submitted. It can, for example, point to the concrete composition and completion of the doctoral training programme, realizations in terms of working papers, publications, international conference participations, etc. (see intranet of the FEB for a template of this advice). The doctoral advisory committee also formulates a proposal for the composition of the Examination Board in accordance with the terms of the OER. It indicates the general and specific roles of each member of the Examination Board. These can for example be: chairman of the Examination Board, secretary of the Examination Board, expert in methodology, expert in implementation possibilities, field expert, expert in a subdiscipline of the study. The advice has to be accompanied by a short presentation of the suggested members (a maximum of ten lines per member) and their contact information (address and e-mail). Furthermore, the advice should also indicate if a suggested member has the right to act as a supervisor of a doctoral dissertation within his/her institution. This
advice has to be sent to phd.eb@ugent.be together with an electronic copy of the doctoral dissertation at least eight calendar days prior to the Faculty Council meeting.

The Examination Board consists of at least five and at most eight members who are qualified to vote, including the chairman and the secretary. The supervisor(s) also take part in the Examination Board, but they will not be qualified to vote. At least two members who are qualified to vote are not affiliated with the faculty, and one of these two members is not affiliated with Ghent University. The majority of voting members of the Examination Board should not be coauthors of papers included in the doctoral dissertation. Not more than half of the voting members are members of the doctoral advisory committee. At least half the members who are qualified to vote are authorized to act as a supervisor for a PhD at their own institution.

Article 11

§1. The (administratively responsible) supervisor confers about the date and the location of the first meeting of the Examination Board (the pre-defence) with the secretary of the dean before the Faculty Council meeting where the dissertation is submitted. The Dean's Office sends the official invitations, accompanied by the necessary instructions, to all members of the Examination Board.

§2. After acceptance of submission by the Faculty Council, the doctoral student provides each member of the Examination Board a copy of his/her dissertation. The members of the Examination Board receive this copy at least four weeks before the pre-defence.

Article 12

Every member of the Examination Board who is qualified to vote (except the chairman) draws up a written evaluation of the doctoral dissertation. This evaluation consists of two parts. The first part ideally contains the member's main questions and comments on the dissertation. The second part is intended only for the Examination Board and contains the member's advice concerning admission to the public defence (possibly on condition of revision or improvement of certain parts). These written evaluations are collected by the secretary of the Examination Board. The secretary sends these collected reports to phd.eb@UGent.be. He/she also sends the first part of these reports to the PhD student, as the OER commands, such that the student can prepare for the pre-defence. This has to take place at least five working days before the first meeting of the Examination Board (pre-defence).

Article 13

The pre-defence lasts for a maximum of five hours and has to take place in the language in which the dissertation was written. The Examination Board hears the student in the form of question and response. The doctoral student is not obliged to give a presentation of his/her research results at the beginning of the pre-defence, or before the discussion of every paper or chapter. The doctoral student and his/her supervisor(s) can decide by mutual agreement their preferred approach.
Article 14

At the latest seven working days after the deliberation, the secretary of the Examination Board has to send the deliberation report - as determined in the OER - not only to the PhD student and the supervisor(s), but also to phd.eb@UGent.be. The (administratively responsible) supervisor has to settle a date for the public defence in consultation with the secretary of the dean at the latest seven working days after the deliberation, if applicable taking into account the time needed for revision. The Dean's Office sends the official invitations for the public defence.

Article 15

§1. The doctoral student delivers the final version of his/her dissertation electronically to every member of the Examination Board not later than ten calendar days before the date of the public defence.

§2. The doctoral student will submit the final electronic version of his/her doctoral dissertation in the Ghent University Academic Bibliography not later than 10 calendar days after the date of the public defence.

Article 16

The procedure for the final phase of the doctoral dissertation is described in detail on the intranet of the FEB.
1 LIST OF COURSES PHD IN ECONOMICS¹
(Doctoraat in de Economische Wetenschappen)

APPROVED BY THE FACULTY COUNCIL (13 DECEMBER 2017)

1.1 Principles

Below you find the list of courses that are acknowledged by the Doctoral School for a PhD in Economics (doctoraat in de economische wetenschappen). Students need to take a total of 5 courses, taking the following into account:

a) Take 2 courses out of the 3 compulsory branches: advanced microeconomics, advanced macroeconomics, advanced econometrics. You can take these courses at our own faculty or equivalent – as indicated by the corresponding colours – at other universities.

b) Take any 2 courses from the list (with the exception of two equivalent courses; for instance the student cannot take an advanced microeconomics course at UCL when the student already followed the equivalent course at Ghent University).

c) Take 1 course that the student can choose freely (this can also be a course from the list, but could for instance also be a course taught abroad or a summer school).

Students who already obtained a two-year master in Economics (e.g. Research Master at Université catholique de Louvain) or a “master after master” (MaNaMa) in Economics (e.g. Master of Science in advanced studies in Economics at KU Leuven) get an exemption for two courses. They are only required to do parts b) and c).

Students who already obtained an equivalent two-year master or MaNaMa (as for example the Master in Banking and Finance at UGent), also get an exemption for two out of five courses. But in the end they also have to meet a).

Students who obtained (only) a one year master in economics, but who succeeded in “advanced microeconomics”, “advanced macroeconomics” and “advanced econometrics”, get an exemption for one course. They still have to take 4 courses. For them part c) contains 2 courses.

In accordance with Article 4 §3 of the FEB Doctoral Regulations, advice on courses that are not on the list is given by the Scientific Research Committee of the faculty.

¹ The specific examination code to obtain the academic doctoral degree at Ghent University was taken into account in this decision.
1.2 List

1.2.1 Ghent University, Master of Science in Economics, Major Research

<table>
<thead>
<tr>
<th>Code</th>
<th>Staff</th>
<th>ECTS</th>
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<tbody>
<tr>
<td>Advanced Econometrics: Non-linear methods</td>
<td>F000687</td>
<td>G. Everaert</td>
</tr>
<tr>
<td>Advanced Macroeconomics: Equilibrium and dynamics</td>
<td>F000686</td>
<td>F. Heylen – T. Buyse</td>
</tr>
<tr>
<td>Advanced Microeconomics: Game theory and asymmetric information</td>
<td>F000118</td>
<td>D. Van de gaer</td>
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1.2.2 Ghent University: Master of Science in Banking and Finance

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<th>Code</th>
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<td>Advanced investment analysis</td>
<td>F000734</td>
<td>M. Frömmel</td>
</tr>
<tr>
<td>Management of financial institutions</td>
<td>F000722</td>
<td>R. Vander Vennet</td>
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<tr>
<td>Financial econometrics</td>
<td>F000723</td>
<td>G. Everaert</td>
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<tr>
<td>Financial risk management</td>
<td>F000735</td>
<td>F. De Jonghe</td>
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</table>

1.2.3 Ghent University: Specialist courses (co-)organized by the Doctoral School of Social and Behavioural Sciences – directly relevant to research in economics


<table>
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<tr>
<th>Staff</th>
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<th>Frequency</th>
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<tbody>
<tr>
<td>Research Seminars in the Social Study of Migration and Refugees</td>
<td>S. Baert, professors of CESSMIR</td>
<td>-</td>
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<tr>
<td>Causal Inference in Microeconometrics with Application to Program Evaluation</td>
<td>B. Cockx</td>
<td>8</td>
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1.2.4 UCLouvain Research Master in Economics / Research Master in Econometrics


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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>Advanced microeconomics I: Decision and game theory</td>
<td>LECON2111</td>
<td>F. Maniquet</td>
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<tr>
<td>Advanced microeconomics II: General equilibrium and mechanism design</td>
<td>LECON2112</td>
<td>J. Davila</td>
</tr>
<tr>
<td>Advanced macroeconomics I: Intertemporal behavior and business cycles</td>
<td>LECON2121</td>
<td>L. Pensieroso</td>
</tr>
<tr>
<td>Advanced macroeconomics II: Growth, dynamics and policy</td>
<td>LECON2122</td>
<td>R. Oikonomou</td>
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<tr>
<td>Research Seminar I: Microeconomics</td>
<td>(UNamur) EconMG13</td>
<td>E. Toulemonde</td>
</tr>
<tr>
<td>Research Seminar II: Macroeconomics</td>
<td>LECON2161</td>
<td>T. Baudin – D. de la Croix</td>
</tr>
<tr>
<td>Research Seminar III: Econometrics Workshop</td>
<td>LECON2603</td>
<td>Z. Gao</td>
</tr>
<tr>
<td>Advanced International Trade</td>
<td>LECON2604</td>
<td>F. Mayneris – M. Parenti</td>
</tr>
<tr>
<td>Advanced Labour Economics</td>
<td>LECON2608</td>
<td>M. Dejemeppe – B. Van der Linden</td>
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<td>Industrial Organization</td>
<td>LECON2610</td>
<td>J. Johnen</td>
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<tr>
<td>Ethics and Social Choice</td>
<td>LECON2609</td>
<td>F. Maniquet – E. Ramaekers</td>
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<tr>
<td>Advanced Econometrics II: Time series (*)</td>
<td>LECON2601</td>
<td>Z. Gao</td>
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1.2.5 PhD courses UCLouvain (Economics School of Louvain)

https://uclouvain.be/prog-2017-etri2m-letri210g

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<th>From ESL</th>
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<tbody>
<tr>
<td>Advanced course in Economics I: Intergenerational mobility and human capital</td>
<td>LECON2701</td>
<td>J. Hindriks – A. Adrenas</td>
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<td>Advanced course in Economics II: Econometrics of Factor Models</td>
<td>LECON2702</td>
<td>S. Van Bellegem</td>
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<tr>
<td>Advanced course in Economics III: Migration and the world distribution of income</td>
<td>LECON2703</td>
<td>F. Docquier</td>
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<tr>
<td>Advanced course in Economics V: Government Debt and Fiscal Policy in Macroeconomic Models</td>
<td>LECON2705</td>
<td>R. Okonomou</td>
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<tr>
<td>Advanced course in Economics VI: Causality in public policy evaluation</td>
<td>LECON2706</td>
<td>E. San Martin</td>
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https://uclouvain.be/en-prog-2017-etri2m-letri220g

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<tbody>
<tr>
<td>Advanced Monetary Economics – UNamur</td>
<td>LECON2654</td>
<td>R. Houssa - Y. Rychalovska</td>
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<tr>
<td>Microinstitutions and Markets in Developing Economies – UNamur</td>
<td>LECON2652</td>
<td>J.M. Baland</td>
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<tr>
<td>Political Economy and Macro Institutions in Developing Economies – UNamur</td>
<td>LECON2665</td>
<td>G. Cassan – B. Decerf</td>
<td>5</td>
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<tr>
<td>Firm-level Analysis of Labour and Related Issues</td>
<td>LECON2374</td>
<td>N.K.</td>
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1.2.6 Research Master ULB (ECARES Doctoral School)


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<tbody>
<tr>
<td>Graduate Macroeconomics I</td>
<td>ECON-S427</td>
<td>P. Wei</td>
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<tr>
<td>Graduate Econometrics I</td>
<td>ECON-S428</td>
<td>D. Preinerstorfer</td>
</tr>
<tr>
<td>Graduate Microeconomics I (*)</td>
<td>ECON-S510</td>
<td>G. Kirchsteiger</td>
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<tr>
<td>Mathematics and Economic Modelling</td>
<td>MATH-S400</td>
<td>T. Demuynck</td>
</tr>
<tr>
<td>Graduate Macroeconomics II</td>
<td>ECON-S430</td>
<td>R. Kollmann</td>
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<td>Graduate Econometrics II</td>
<td>ECON-S429</td>
<td>P. Gobbi</td>
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<tr>
<td>Graduate Microeconomics II</td>
<td>ECON-S431</td>
<td>L. Merlino - P. Legros</td>
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<tr>
<td>Research Methods</td>
<td>ECON-S504</td>
<td>G. Aldashev - P. Verwimp</td>
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<td>Dynamic Optimization</td>
<td>MATH-S401</td>
<td>D. Preinerstorfer</td>
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<td>Graduate microeconomics III</td>
<td>ECON-S519</td>
<td>G. Kirchsteiger - P. Legros</td>
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<tr>
<td>Graduate macroeconomics III</td>
<td>ECON-S520</td>
<td>P. Wei - R. Wouters</td>
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12.7 Master of Science in Advanced Studies in Economics, KU Leuven

https://onderwijsaanbod.kuleuven.be/opleidingen/e/SC_S1016797.htm

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<td>D. Preinerstorfer</td>
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<td>Behavioral economics</td>
<td>ECON-S513</td>
<td>G. Kirchsteiger</td>
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<td>Graduate statistics</td>
<td>STAT-F404</td>
<td>T. Verdebout</td>
<td>5</td>
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<td>Times Series I (*)</td>
<td>STAT-F405</td>
<td>C. Croux</td>
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<td>Times Series II</td>
<td>STAT-F507</td>
<td>S. Hörmann</td>
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<td>Statistical learning</td>
<td>STAT-F-423</td>
<td>C. De Mol</td>
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<td>Computational statistics</td>
<td>STAT-F-408</td>
<td>M. Jansen</td>
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<td>Advanced topics in microeconomics</td>
<td>ECON-S131</td>
<td>N.K.</td>
<td>5</td>
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<td>Advanced topics in macroeconomics</td>
<td>ECON-S132</td>
<td>N.K.</td>
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<td>Impact Analysis</td>
<td>ECON-S-453</td>
<td>P. Verwimp</td>
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<td>Environmental Economics</td>
<td>ECON-S-452</td>
<td>E. Cantillon</td>
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<td>European Public Finance</td>
<td>ECON-S-455</td>
<td>G. Nicodème</td>
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<td>Development Economics</td>
<td>ECON-S-529</td>
<td>P. Verwimp</td>
<td>5</td>
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<tr>
<td>Advanced international trade</td>
<td>ECON-S-432</td>
<td>P. Conconi - M. Parenti</td>
<td>5</td>
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<tr>
<td>Advanced industrial organization</td>
<td>ECON-S-451</td>
<td>X. Boutin - P. Legros</td>
<td>5</td>
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</tbody>
</table>

(*) cannot be taken by students who obtained a Master of Science in Economics at UGent

Other acknowledged specialist courses at KU Leuven

Advanced Public Economics

Code DOM12A E. Ooghe

6
2 LIST OF COURSES PHD IN BUSINESS ECONOMICS
(.DOCTORAAT IN DE TOEGEPASTE ECONOMISCHE WETENSCHAPPEN)

There is no generic list of specialist courses, but a generic principle. Courses can be acknowledged as a specialist course for the doctoral training programme in business economics if:

- The course is specifically intended for doctoral students, e.g. a specialist course organized by the doctoral school, a winter/summer school, the CIM/ICM exam, an EDEN doctoral seminar.
- The course is part of a ‘Master-after-Master’ programme.
- The course is programmed in the second Master year of a two-year Master-after-Bachelor programme.

For the recognition of other courses, an application must be submitted to the faculty’s Scientific Research Committee.

Some examples of eligible courses are:

ACCOUNTING AND CORPORATE FINANCE
- Topics in Corporate Finance (UGent Doctoral Schools, Luc Renneboog, Klaas Mulier, Tom Vanacker)
  http://www.corfin.ugent.be/teaching/topicsincorporatefinance/
- Financial Econometrics (Master of Banking and Finance, UGent, Gerda Everaert)
- Analysis of Variance (IPVW, Els Adriaens)
- Applied Linear Regression (IPVW, Dries Reynders)
- Multilevel Analysis for Grouped and Longitudinal Data (IPVW, Leonie Wijngaards-de Meij)
- Structural Equation Modelling I (IPVW, Yves Rosseel)
- Structural Equation Modelling II (IPVW, Yves Rosseel)
- R Intermediate Course (IPVW, Joris Meys)
- Multivariate Statistics (IPVW, Olivier Thas)
- Causal Inference (IPVW, Stijn Vansteelandt)
  IPVW: https://www.ugent.be/we/en/services/ICES/courses/dataanalysis2017-2018

CEMF Summer school Panel Data
CIM/ICM Exams
EDEN Doctoral Seminar Corporate Finance
EDEN Doctoral Seminar Corporate Finance II
EDEN Doctoral Seminar on Analytical Accounting Research
EDEN Doctoral Seminar on Case-based Research in Management Accounting
EDEN Doctoral Seminar on Empirical Financial Accounting Research
EDEN Doctoral Seminar on Methods, Techniques and Theories in Entrepreneurship and Innovation
EDEN Doctoral Seminar on Producing and Evaluating Knowledge in Management Accounting
EDEN Doctoral Seminar on Quantitative Empirical Research on Management Accounting

MARKETING
- Advanced Methods of Marketing Research I (Master of Science in Marketing Analysis, UGent, Patrick Van Kenhove)
- Advanced Methods of Marketing Research II (Master of Science in Marketing Analysis, UGent, Patrick Van Kenhove & Mario Pandelaere)
EDEN Doctoral Seminar in Consumer Behaviour
EDEN Doctoral Seminar on Managerial Issues in Marketing
EDEN Doctoral Seminar on Research Methods in Marketing
Log Linear & Latent Class Analysis & Logistic Regression (Master of Quantitative Analysis in the Social Sciences, KU Leuven)
Multilevel Analysis (Master of Quantitative Analysis in the Social Sciences, KU Leuven)
Structural Equation Models (Master of Quantitative Analysis in the Social Sciences, KU Leuven)
Unidimensional and Multidimensional Scaling (Master of Quantitative Analysis in the Social Sciences, KU Leuven)

BUSINESS INFORMATICS AND OPERATIONS MANAGEMENT
Advanced Regression Modelling (2nd year Master of Business Engineering, KU Leuven, Gerda Claeskens & Steffen Kühnel)
Advanced Time Series Analysis (2nd year Master of Business Engineering, KU Leuven, Christophe Croux)
Applied Optimisation (2nd year Master of Business Engineering, KU Leuven, Roel Leus & Frits Spieksma)
Combinatorial Optimization and Local Search Techniques (2nd year Master of Business Engineering, KU Leuven, Erik Demeulemeester)
Optimization: special topics (2nd year Master of Business Engineering, KU Leuven, Frits Spieksma)

MANAGEMENT, INNOVATION AND ENTREPRENEURSHIP
Analysis of Variance (IPVW, Els Adriaens)
Applied Linear Regression (IPVW, Dries Reynders)
Multilevel Analysis for Grouped and Longitudinal Data (IPVW, Leoniek Wijngaards-de Meij)
Structural Equation Modelling I (IPVW, Yves Rosseel)
Structural Equation Modelling II (IPVW, Yves Rosseel)
R Intermediate Course (IPVW, Joris Meys)
Multivariate Statistics (IPVW, Olivier Thas)
Causal Inference (IPVW, Stijn Vansteelandt)

IPVW: https://www.ugent.be/we/en/services/ICES/courses/dataanalysis2017-2018

EDEN Doctoral Seminar on Methods, Techniques and Theories in Entrepreneurship and Innovation
EDEN Doctoral Seminar on Statistical Methods for Management Research
European Entrepreneurship Colloquium
Written exam CIM/ICM

Other examples of recently acknowledged courses:
Survey methodology (KU Leuven)
CEMF Panel data econometrics
IAOA Summer school on ontological analysis
Eden doctoral seminar on Corporate Finance Theory and Evidence
Eden doctoral seminar on Corporate Governance
Combinatorial Optimization and Local Search Techniques (Master of Science in Advanced Business Studies, KU Leuven)
UCL, LSTAT2360, Data Management I, programmation de base en SAS (1st and 2nd year Master Statistics)
UA, Nieuwe Systeemontwikkelingsmethoden, 1st and 2nd year Master Business Engineering in Management and Information Systems.
1 LIST OF SPECIALIST COURSES
DOCTORATE IN BUSINESS ADMINISTRATION (DBA)
(DOCTORAAT IN HET MANAGEMENT)

APPROVED BY THE FACULTY COUNCIL (8 NOVEMBER 2017)

1.1 List

- Introduction to Academic Research
  research philosophy & epistemology, research design, literature search & reviews, research integrity & ethics, management of research projects, craft of academic writing, presenting your research
- Quantitative Research I (data collection)
  survey research, experimental research, scale development, cross-cultural research, sampling, basics of statistical inference, descriptive statistics
- Quantitative Research II (data-analyze methods, tools & statistics)
  basic (non)parametric statistics, analysis of variance, regression analysis, factor analysis, overview of modelling techniques
- Qualitative Research
  qualitative research design, data collection approaches, data analysis, rigor in qualitative research, reporting and writing up qualitative research, presenting and visualising qualitative research
- Organization Theory
  studying organizations: paradigms, approaches and methods (organizations as "systems", economic theories of organizations, hybrid theories of organizations, political theories of organizations)

1.2 Alternative courses

Courses that qualify for the possible replacement of one of the above courses must meet at least one of the following conditions:
- The course is specifically intended for doctoral students, for example a specialized course organized by the Doctoral School of Ghent University or KU Leuven, winter/summer school, EDEN or EIASM doctoral seminars.
- The course is part of a Master-after-Master programme.
- The course is programmed in the second Master year of a two-year Master-after-Bachelor programme.

An application for recognition of an alternative course should receive positive advice from the Doctoral Committee DBA who is responsible for this specific doctoral training programme. If the proposed alternative course is not yet included in the list of approved alternative courses, the Faculty Council decides. The Faculty Council can approve this alternative course after a positive advice from the Doctoral Committee DBA.