

## Course Selection Form for the Ph.D. Program in Business Administration

Student Name: _____	Student Number: _____
Field of Study: _____	Supervisor: _____
Program Start Date: _____	Projected End Date: _____

All students are required to take between 6 and 12 courses and all course work must be completed within 20 months of starting the program. **It is recommended that, as far as possible, students take a maximum of three courses per term.**

**INSTRUCTIONS:** Please review the list of courses for degree completion and place a “YES” beside each course that the student is required to complete. Identify which year and term the student is expected to take the course ensuring that all required courses are completed by the end of the winter term of year two. If a student is exempt from a course due to proven prior knowledge, please mark that course as “EXEMPT” and provide a written explanation for the exemption (e.g. which course from previous degree is equal to the required course).

\*\*\*\*\*

**Excerpts from Related Policies in the School of Graduate Studies Calendar:**

**D** (Count towards the Doctoral degree requirements)

This category identifies the courses that are to count towards the Doctoral degree requirements (including any additional graduate requirements or undergraduate courses specified by the supervisory committee or Department Chair). The passing grades for a D course are A+, A, A-, B+, B, and B-.

**Note:** Courses that are required by the supervisory committee or the Department Chair as additional requirements in excess of the stated minimum for the program must be designated as D.

**EC** (Extra Course)

This category identifies courses that the student is taking with the approval of the supervisor but that are not necessary to the student’s current degree program. If a failing grade (i.e. less than B-) is received in a course taken as Extra, the courses (and grade) will not appear on the student’s transcript unless because of academic dishonesty. Students may petition to change the designation of an EC course to a D course prior to the deadline to drop a course provided that this change is supported by the supervisor and program. Changes of designation after the drop date will not be approved. Courses designated as EC may subsequently be counted towards graduate degree requirements and the course designation changed to D, if approved by the Faculty Admissions and Study Committee.

Student’s Signature: _____	Date Completed: _____
----------------------------	-----------------------

Supervisor’s Signature: _____	Area Chair Signature: _____
-------------------------------	-----------------------------

## Accounting

Students in the Accounting field are required to take the following **8 courses** (A1):

- B790, A771, A772 and A773
- The following courses from the Department of Economics: 721, 722, 761 and 762

Students may also be required to take additional courses depending on the strength of their background in the field to a **maximum of 12 required courses** including any additional courses (A2).

<b>A1) Program and Field Required Courses (“D” Courses) →</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>
<b>B790</b> Management Theory	Fall year 1	
<b>A771</b> Seminar in Research Methods and Design in Accounting Research		
<b>A772</b> Seminar in Financial Accounting Research		
<b>A773</b> Seminar in Managerial Accounting Research		
<b>721 (Econ)</b> Microeconomic Theory I	Fall year 1	
<b>722 (Econ)</b> Microeconomic Theory II	Winter year 1	
<b>761 (Econ)</b> Econometrics I	Fall year 1	
<b>762 (Econ)</b> Econometrics II	Winter year 1	

<b>A2) Additional Required Courses (if any)  (“D” Courses)</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>
<b>Total required courses must not exceed 12 (A1+A2)</b>		

<b>B) Extra Courses (“EC” Courses)</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>

It is recommended that Accounting students follow this schedule:

**Fall Year 1**      B790  
Econ 721  
Econ 761  
(Must take math prep Econ 765)

**Winter Year 1**      Econ 722  
Econ 762

**Summer Year 1**

**Fall Year 2**

**Winter Year 2**

**Summer Year 2** Comprehensive Exams

**Finance**

Students in the Finance field are required to take the following **12 courses** (A1):

- B790, F770, F771, F772, F773 and F774
- The following courses from the Department of Economics: 721, 722, 723, 761 and 762
- One (1) 700-level course in Business, Economics or Math (determined in consultation with supervisor)

Students may also be required to take additional courses depending on the strength of their background in the field to a **maximum of 12 required courses** including any additional courses (A2).

<b>A1) Program and Field Required Courses (“D” Courses) →</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>
<b>B790</b> Management Theory	Fall year 2	
<b>F770</b> Financial Econ & Quant Methods	Fall year 1	
<b>F771</b> Financial Economics I	Fall year 2	
<b>F772</b> Financial Economics II	Winter year 2	
<b>F773</b> Empirical Methods in Finance	Winter year 2	
<b>F774</b> Seminar in Corporate Finance	Winter year 2	
<b>721 (Econ)</b> Microeconomic Theory I	Fall year 1	
<b>722 (Econ)</b> Microeconomic Theory II	Winter year 1	
<b>723 (Econ)</b> Macroeconomic Theory I	Fall year 2	
<b>761 (Econ)</b> Econometrics I	Fall year 1	
<b>762 (Econ)</b> Econometrics II	Winter year 1	
<b>One 700-level course in Business, Economics or Math (“D” Course)</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>

<b>A2) Additional Required Courses (if any)  (“D” Courses)</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>
<b>Total required courses must not exceed 12 (A1+A2)</b>		

**It is recommended that Finance students follow this schedule:**

- Fall Year 1** F770  
Econ 721  
Econ 761  
(Must take math prep Econ 765)
- Winter Year 1** Econ 722  
Econ 762  
One 700-level course in  
Business, Economics or Math
- Summer Year 1** Research
- Fall Year 2** B790  
F771  
Econ 723
- Winter Year 2** F772  
F773  
F774
- Summer Year 2** Comprehensive Exams

<b>B) Extra Courses (“EC” Courses)</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>

## Health Management

Students in the Health Management field are required to take the following **8 courses** (A1+A2):

- B790, B793, B794, C780, C711/C781, C721/C782, C783
- One (1) Ph.D. course chosen from: C715, C722, C736, C741, C750, a graduate level course from another department approved by supervisor and program director (or equivalent)

Students may also be required to take additional courses depending on the strength of their background in the field to a **maximum of 12 required courses** including any additional courses (A3).

<b>A1) Program and Field Required Courses ("D" Courses) →</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>
<b>B790</b> Management Theory	Fall year 1	
<b>B793</b> Applied Multivariate Stats	Winter year 1	
<b>B794</b> Research Methods & Design	Winter year 1	
<b>C780</b> Mixed Methods Research		
<b>C711/C781</b> Health Economics and Evaluation		
<b>C721/C782</b> Health Policy Analysis		
<b>C783</b> Research Issues in Health Management	Summer year 1	

<b>A2) Must take ONE of the following MBA HM courses ("D" Courses)</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>
<b>C715</b> Health Care Funding and Resource Allocation		
<b>C722</b> Management of Population Health		
<b>C725</b> Managing Communications in Health Care		
<b>C736</b> Quality Management In Health Services		
<b>C741</b> Health Care Marketing		
<b>C750</b> Ethical and Legal Issues in Health Care		

<b>B) Extra Courses ("EC" Courses)</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>

<b>A3) Additional Required Courses (if any) ("D" Courses)</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>
<b>Total required courses must not exceed 12 (A1+A2+A3)</b>		

**It is recommended that Health Management students follow this schedule:**

**Fall Year 1** B790

**Winter Year 1** B793, B794

**Summer Year 1** C783

**Fall Year 2**

**Winter Year 2** Take any remaining required courses and prepare for comprehensive exams

**Summer Year 2** Comprehensive Exams

**Information Systems**

Students in the Information Systems field are required to take the following **8 courses** (A1+A2+A3):

- B790, B793, B794, K797
- Two (2) Ph.D. Information Systems courses (chosen from K778, K779, K791, K792, K793, K794 and K795)
- Two (2) MBA Information Systems courses (chosen from K723, K724, K725, K731, K735, K736 and K737)

Students may also be required to take additional courses depending on the strength of their background in the field to a **maximum of 12 required courses** including any additional courses (A4).

<b>A1) Program and Field Required Courses (“D” Courses) →</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>
<b>B790</b> Management Theory	Fall year 1	
<b>B793</b> Applied Multivariate Stats	Winter year 2	
<b>B794</b> Research Methods & Design	Winter year 1	
<b>K797</b> Independent Research Study	Summer year 1	
<b>A2) Must take TWO of the following PhD IS courses (“D” Courses)</b>		
<b>K778</b> Selected Topics in Information Systems I		
<b>K779</b> Selected Topics in Information Systems II		
<b>K791</b> Knowledge Management Systems	Fall year 1	
<b>K792</b> Security, Privacy and Trust in eBusiness	Winter year 1	
<b>K793</b> Mobile Commerce and Social Networks	Winter year 2	
<b>K794</b> Advances in Information Systems Research		
<b>K795</b> Qualitative Methods in Information Systems Research		

<b>B) Extra Courses (“EC” Courses)</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>

<b>A3) Must take TWO of the following MBA IS courses (“D” Courses)</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>
<b>K723</b> Data Mining and Business Intelligence	Fall Year 1 or 2	
<b>K724</b> eBusiness Strategies	Summer Year 1	
<b>K725</b> Business Process Management	Fall Year 1 or 2	
<b>K731</b> Project Management	Fall or Winter Year 1 or 2	
<b>K735</b> Managing the Implementation of Enterprise Systems	Winter year 1 or 2	
<b>K736</b> Management Issues in eHealth	Fall Year 1 or 2	
<b>K737</b> Cases in eBusiness, Innovation and Entrepreneurship		

<b>A4) Additional Required Courses (if any) (“D” Courses)</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>
<b>Total required courses must not exceed 12 (A1+A2+A3+A4)</b>		

**It is recommended that IS students follow this schedule:**

<b>Fall Year 1</b>	B790, K791 Plus one of the following: O600 (if lacking strong statistical background), K723, K725, K731, K736
<b>Winter Year 1</b>	B794, K792, K795
<b>Summer Year 1</b>	K797, K724 (as needed) and research
<b>Fall Year 2</b>	Any remaining courses
<b>Winter Year 2</b>	B793 and remaining courses
<b>Summer Year 2</b>	Comprehensive Exam

## Management of Organizational Behaviour and Human Resources

Students in the Management of Organizational Behaviour Human Resources field are required to take the following **9 courses** (A1):

- B790, B791, B792, B793, B794, B795, B796, B797, B798

Students may also be required to take additional courses depending on the strength of their background in the field to a **maximum of 12 required courses** including any additional courses (A2).

<b>A1) Program and Field Required Courses ("D" Courses) →</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>
<b>B790</b> Management Theory	Fall year 1	
<b>B791</b> Field Surveys: OB and OT	Fall year 1	
<b>B792</b> Field Surveys: HR and IR	Fall year 1	
<b>B793</b> Applied Multivariate Stats	Winter year 1	
<b>B794</b> Research Methods & Design	Winter year 1	
<b>B795</b> Research Issues: OB & OT	Fall year 2	
<b>B796</b> Research Issues: HR & IR	Fall year 2	
<b>B797</b> Research Course I <i>Take with Supervisor</i>	Summer year 1	
<b>B798</b> Research Course II <i>Take with Supervisor</i>	Winter year 2	

<b>A2) Additional Required Courses (if any) ("D" Courses)</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>
<b>Total required courses must not exceed 12 (A1+A2)</b>		

<b>C) Extra Courses ("EC" Courses)</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>

**It is recommended that MOBHR students follow this schedule:**

<b>Fall Year 1</b>	B790 B791 B792
<b>Winter Year 1</b>	B793 B794
<b>Summer Year 1</b>	B797 Research
<b>Fall Year 2</b>	B795 B796
<b>Winter Year 2</b>	B798 Prepare for comprehensive exams
<b>Summer Year 2</b>	Comprehensive Exams

## Management Science

Students in the Management Science field are required to take the following **10 courses** (A1+A2):

- B790, Q771, Q773, Q780, Q781 and Q790
- Four (4) Ph.D. courses chosen from: Q772, Q774, Q778, Q782, Q783, Q784, Q785, Q786, Q787, Q791, Q793 or Q794

Students may also be required to take additional courses depending on the strength of their background in the field to a **maximum of 12 required courses** including any additional courses (A3).

<b>A1) Program and Field Required Courses (“D” Courses) →</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>
<b>B790</b> Management Theory	Fall year 1 or 2	
<b>Q771</b> Stochastic Processes with Business Applications	Fall year 1	
<b>Q773</b> Mathematical Programming: Theory and Algorithms	Winter year 1	
<b>Q780</b> Management Science Research Issues I <i>Take with Supervisor</i>	Fall year 2	
<b>Q781</b> Management Science Research Issues II <i>Take with Supervisor</i>	Winter year 2	
<b>Q790</b> Advanced Operations Management I	Fall year 1	

<b>A2) Must take FOUR of the following MS PhD courses (“D” Courses)</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>
<b>Q772</b> Networks and Graphs in Operations Research		
<b>Q774</b> Combinatorial Optimization: Complexity and Heuristics		
<b>Q778</b> Special Topics in MS/S	Winter year 1	
<b>Q782</b> Dynamic Programming and Optimal Control	Fall year 1	
<b>Q783</b> Game Theory and Decision Analysis	Fall year 2	
<b>Q784</b> Supply Chain Design and Coordination		
<b>Q785</b> Queuing Theory and Computer Simulation	Fall year 2 (tentative)	
<b>Q786</b> Network Design Issues in Freight Transportation		
<b>Q787</b> Optimization Under Uncertainty	Winter Year 1	
<b>Q791</b> Advanced Operations Management II		
<b>Q793</b> Sequencing and Scheduling		
<b>Q794</b> Inventory Theory		

<b>B) Extra Courses (“EC” Courses)</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>

**It is recommended that MS students follow the following schedule:**

**Fall Year 1** Three courses (e.g. B790, Q771, Q782 or Q790)

**Winter Year 1** Q773 and two additional courses (e.g. Q778 and/or Q787)

**Summer Year 1** Research

**Fall Year 2** Q771, Q780 and one additional course (e.g. B790)

**Winter Year 2** Q781 and two additional courses (e.g. Q787)

**Summer Year 2** Comprehensive Exams

<b>A3) Additional Required Courses (if any)  (“D” Courses)</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>
<b>Total required courses must not exceed 12 (A1+A2+A3)</b>		



## Marketing

Students in the Marketing field are required to take the following **7 courses** (A1+A2):

- B790, M771, M772, M773
- One of either M774 or M775
- Either Managerial stream courses: B793 and B794 **OR** Quantitative stream courses: Econ 761 and Econ 762

Students may also be required to take additional courses depending on the strength of their background in the field to a **maximum of 12 required courses** including any additional courses (A3). For example, students in quantitative marketing strategy may be required to take the appropriate Microeconomics and Econometrics courses from Economics.

<b>A1) Program and Field Required Courses (“D” Courses) →</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>
<b>B790</b> Management Theory	Fall year 1	
<b>M771</b> Marketing Foundations	Winter year 1	
<b>M772</b> Marketing Models and Modeling	Fall year 2	
<b>M773</b> Inter-Organizational Research in Marketing	Fall year 2	
<b>AND</b>		
<b>M774</b> Special Topics in Marketing Strategy I	Winter year 1	
<b>OR</b>		
<b>M775</b> Special Topics in Marketing Strategy II	Winter year 2	

<b>B) Extra Courses (“EC” Courses)</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>

<b>A2) Must take TWO of the following depending on chosen stream (“D” Courses)</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>
<b>B793</b> Applied Multivariate Stats	Winter year 1	
<b>B794</b> Research Methods & Design	Winter year 1	
<b>OR</b>		
<b>761 (Econ)</b> Econometrics I	Fall year 1	
<b>762 (Econ)</b> Econometrics II	Winter year 1	

<b>A3) Additional Required Courses (if any)  (“D” Courses)</b>		
<b>Course Number</b>	<b>Timing</b>	<b>Yes/Exempt</b>
<b>721 (Econ)</b> Microeconomic Theory I	Fall year 1	
<b>722 (Econ)</b> Microeconomic Theory II	Winter Year 1	
<b>Total required courses must not exceed 12 (A1+A2+A3)</b>		

It is recommended that Marketing students follow the following schedule:

<b>Fall Year 1</b>	B790, Econ 761 (if chosen stream)
<b>Winter Year 1</b>	M771, M774, B793 & B794 <b>OR</b> Econ 762
<b>Summer Year 1</b>	Research
<b>Fall Year 2</b>	M772, M773
<b>Winter Year 2</b>	M775 and any remaining required courses, prepare for comprehensive exams
<b>Summer Year 2</b>	Comprehensive Exams