

UNIVERSITY OF WINDSOR

**BRIEF FOR THE PERIODIC APPRAISAL
OF THE**

**MASTER OF ARTS PROGRAMME
IN ECONOMICS**

**SUBMITTED TO THE
ONTARIO COUNCIL ON GRADUATE STUDIES
JULY 2001**

VOLUME 1: THE PROGRAM

July 3, 2001

J:\Hiring\2005\Dept Head\Related Reports & Info\OCGS Report\OCGS 2001.wpd

THE PROGRAM

1	INTRODUCTION	3
	1.1 Brief listing of programs	3
	1.2 Objectives of the programs	3
	1.3 Method used for the self-study	3
	1.4 Fields in the programs	4
	1.5 Concerns expressed in previous appraisal and actions taken	4
2	THE FACULTY	6
	2.1 List of faculty by field	6
	2.2 External research funding	8
	2.3 Graduate supervision	10
	2.4 Current teaching assignments	12
3	PHYSICAL AND FINANCIAL RESOURCES	19
	3.1 Library resources	19
	3.2 Laboratory facilities	25
	3.3 Computer facilities	25
	3.3.1 Computer facilities and services at the university	25
	3.3.2 Computer facilities in economics	27
	3.4 Space	27
	3.5 Financial support of graduate students	28
4	PROGRAM REGULATIONS AND COURSES	30
	4.1 The intellectual development and the educational experience of the student.	30
	4.2 Program regulations.	31
	4.3 Part-time studies	33
	4.4 Total graduate courses listed and level	33
5	OUTCOMES	36
	5.1 Enrolment and graduations	36
	5.2 Employment	40
	5.3 Publications	44
	5.4 Projected graduate enrolments	44

1 INTRODUCTION

1.1 Brief Listing of Programme.

The Department of Economics offers a Master's program leading to the degree of M.A. in Economics.

1.2 Objectives of the Programme.

The aims of the programme are: to insure that graduates who proceed to Ph.D. studies have the analytical tools required to complete their degree at any good quality Economics department; and, to insure that graduates who enter the labour market directly from their M.A. studies are competent professional economists and have sufficient analytical skills to keep abreast of changes in the profession.

1.3 Method used for Self-Study.

This report was prepared by Professors Ronald Meng and Quan Wen with detailed inputs from Professor Michael Charette and the Dean of Graduate Studies and Research, and general discussions with colleagues. Several Graduate students were also consulted concerning course offerings, access to professors, computer facilities and space allocation. Data was collected from the Departmental files and information provided by the Graduate Studies Office.

1.4 Fields in the Programme.

The department is well staffed to offer graduate level courses in microeconomic theory, macroeconomic theory, econometric methods, mathematical economics, labour economics, and industrial organization. The Department previously listed mathematical economics, urban and regional economics and international economics as fields. However, the increasing mathematical content of economic theory has rendered this somewhat anachronistic and, although we continue to offer a course in mathematical economics, it is now considered to be subsumed in the theoretical areas. Given the recent restrictions on faculty replacements and the fact that a Master's program is not required to list fields, we do not intend to list any fields. Instead, the department focusses on a "general" M.A. with strong theoretical foundations.

1.5 Concerns Expressed in Previous Appraisal and Actions Taken

In 1994 the Ontario Council on Graduate Studies renewed the M.A. program in Economics at the University of Windsor and classified it as "Good Quality with Report". The Appraisal Committee requested an update on faculty publications, the qualifications on newly admitted students and information on enrollments and graduations be provided in the report due in 1997. At the time OCGS felt the Department made significant improvements since its previous assessment in 1987. However, with many faculty replacements being made at the time, OCGS wanted to be assured that the Department was hiring well-qualified individuals. They were also concerned about the qualifications of newly admitted students, the length of time it took students to complete their program, and the total enrollment in the M.A. program.

In 1997, the Department of Economics submitted a report updating information dealing with

the Appraisal Committee's concerns about the program. The 1997 report demonstrated that the publication rate of the junior faculty in peer-reviewed quality journals was quite high. In addition, Dr. Sang-Chul Suh was awarded the Polanyi Prize (1996) and many members of the Department had received significant SSHRC and NSERC grants. Data on student entry qualifications and graduation rates was also provided. Between the two reports from the University of Windsor, the Economics Department actively revised its advertising material in an attempt to attract more and better qualified students. Unfortunately, enrollment in the program has not increased significantly.

In response to the Department's report, OCGS (1997-12-11) felt satisfied that the faculty renewal was adequately proceeding. However, there were still concerns over the qualifications of the students admitted into the program. It was the Appraisal Committee's view that many students are admitted into the program without adequate preparation (e.g., an honours degree in economics). This results in students taking too long to finish their M.A., typically two years instead of one. The Committee recommended a further report detailing information on students admitted between 1994-97 and 1997-99, including qualifications of the students and graduation dates. The Committee also had concerns about the low level of enrollment in the program.

After several correspondences between the Department of Economics, Graduate Studies and OCGS, the Appraisal Committee (1999-06-07) recommended the M.A. program be "Conditionally Approved", with changes to be made before the Department is reviewed in 2001. The Committee acknowledged the university was admitting students with higher GPAs. The Committee also felt graduates from the program, for the most part, were well qualified. However, they were still concerned that the proportion of students being admitted without adequate preparation in economics was too high.

In response to the last report from OCGS, the University of Windsor now only admits students into our M.A. program who require no more than 5 undergraduate Economics courses to adequately prepare them for graduate study in Economics. Students requiring more than 5 are classified as M1 (qualifying year) students and are claimed as undergraduates for BIU purposes. Once the qualifying courses are satisfactorily completed, the student enters the Master's (Candidate) (M2) program.

2 THE FACULTY

2.1 List of Faculty by Field.

Since 1991, the University of Windsor has formally distinguished between Faculty in general and the Graduate Faculty. The report adopted by Senate sets forth general criteria for appointment to the Graduate Faculty, and allows in addition the adoption of discipline-specific ones by departments.

The Department of Economics has adopted a criteria consistent with the University policy that emphasizes peer reviewed research and publications.

Application of this standard has led to the designation of seven of the current members of the department as Graduate Faculty.

Table 2.1: Faculty Members by Field

Faculty Members by Field					
Faculty Name & Rank	M/F	Retirement Date	Home Unit	Supervisory Privileges	Fields¹
<u>Category 1</u>					
Anglin, Paul - Professor	M	2023	Economics	Master's	
Charette, Michael - Associate	M	2015	Economics	Master's	
Meng, Ronald - Associate	M	2017	Economics	Master's	
Suh, Sang-chul - Professor	M	2023	Economics	Master's	
Wen,Quan - Associate	M	2029	Economics	Master's	
<u>Category 3</u>					
Fan, Yanqin - Professor	F	2029	Economics	Full	
Gencay, Ramazan - Professor	M	2026	Economics	Full	

¹ The Department of Economics does not have fields.

Starting July 1, 2001, Yin, Xiaopeng (Ph.D., McGill) will join the department with a tenure track position. His specialty is Macroeconomics and Growth.

Since the last OCGS review (1994) we have had six retirements (William Gillen, Peter Burrell, Antonio Guccione, Allan Brown, Roger Mendels, and Leon Sydor), two resignations (Shouyong Shi and Osamu Ishimoto) and one death (Emile Primorac). The Department has received one tenure track position to replace Leon Sydor (Xiaopeng Yin) and one limited term appointment (Jamal Hejazi). Professors Meyer and Strick are retiring August 31, 2001. At present the department has not been given permission to replace them. In addition, two senior members (Yanqin Fan and Quan Wen) have recently resigned to take up positions at Vanderbilt University. In 1994 the Department of Economics had 20 tenured or tenure-track positions, with two professors (Mendels and Primorac) on long-term disability at the time and one limited term contract (Steven DeLoach). For the Fall of 2001 the department will have 11 tenure and tenure-track positions.

2.2 External Research Funding.

Table 2.2 shows research grants obtained from SSHRC, NSERC, and the University of Windsor Internal Research Awards.

Table 2.2: Operating Research Funding by Source and Year

Operating Research Funding by Source and Year				
	Source			
Year	Granting Councils - Amount Per Year	Other Peer Adjudicated - Amount Per Year	Contracts	Others - Amount Per Year
1994	NSERC/SSHRC \$70,800			
1995	NSERC/SSHRC \$70,800			
1996	NSERC/SSHRC \$80,000	CMHC \$19,900		\$3,500
1997	NSERC/SSHRC \$89,900			\$1,500
1998	NSERC/SSHRC \$89,900			
1999	NSERC/SSHRC \$90,800			\$2,000
2000	NSERC/SSHRC \$103,800			
2001	NSERC/SSHRC \$103,800			\$2,610

TOTAL	\$699,800	\$19,900		\$9,610
--------------	-----------	----------	--	---------

2.3 Graduate supervision.

Table 2.3 lists the number of Major Papers, a compulsory research paper for the completion of an M.A. Economics over the last seven years. Recent retirees are not included in the table.

2.3 Graduate Supervision

Numbers of Major Papers Supervised by Faculty Members 1994-2001						
	Career			Current		
Member	Master's	PhD	PDF	Master's	PhD	PDF
Category 1						
Anglin, Paul	8			0		
Charette, Michael	3			0		
Meng, Ronald	9			1		
Suh, Sang-chul	5			0		
Wen, Quan	7			3		
Category 3						
Fan, Yanqin	6			1		
Gencay, Ramazan	8			0		

2.4 Current teaching assignments

A regular teaching load in the Department of Economics is five one-semester courses. Course release time is given for administrative duties, such as Department Chair or Graduate Coordinator. Individuals who have active research programs are also given release time. Professors who are not involved in the Graduate Program, and who are no longer involved in research, are often assigned a 6 course load.

Table 2.4: Teaching Assignments for 1998/1999

Graduate/Undergraduate Teaching Assignments for 1998/1999					
Faculty Name	Rank	Undergraduate	Graduate	Overload	Comments
<u>Category 1</u>					
Anglin, Paul	Professor	221(2) ¹ 222	503		Graduate Program Coordinator
Charette, Michael	Associate	111(2) 230 333			
Meng, Ronald	Associate	231 350		110 221	Department Chair
Suh, Sang-chul	Professor	406 420 424	531		
Wen,Quan	Associate	323 499	501 580		
<u>Category 3</u>					
Fan, Yanqin	Professor		542		Sick/Maternity Leave
Gencay, Ramazan	Professor	314 434	504		

Graduate/Undergraduate Teaching Assignments for 1998/1999					
Faculty Name	Rank	Undergraduate	Graduate	Overload	Comments
<u>Non-Graduate Faculty</u>					
Raymond, Mark ²	Lecturer	499	502		
Zhang, J. ²	Lecturer	313	541		

¹ Indicates multiple sections of a course.

² Sessional Instructor

Table 2.4a: Teaching Assignments for 1999/2000

Graduate/Undergraduate Teaching Assignments for 1999/2000					
Faculty Name	Rank	Undergraduate	Graduate	Overload	Comments
Category 1					
Anglin, Paul	Professor	110 417	501 503		Graduate Program Coordinator
Charette, Michael	Associate	110 111(2) ¹	230		
Meng, Ronald	Associate	110 231	350		Program Chair
Suh, Sang-chul	Professor	406 420	424	531	
Wen,Quan	Associate	323 499	501 580		
Category 3					
Fan, Yanqin	Professor	313	542 541		One course buy-out (SSHRC research)

Graduate/Undergraduate Teaching Assignments for 1999/2000					
Faculty Name	Rank	Undergraduate	Graduate	Overload	Comments
Gencay, Ramazan	Professor	314 434	504		One course buy-out (SSHRC research)
<u>Non-Graduate Faculty</u>					
Raymond, Mark ²	Lecturer	333 221	111 502		

¹ Indicates multiple sections of a course.

² Limited term contract (1999-2000).

Table 2.4b: Teaching Assignments for 2000/2001

Graduate/Undergraduate Teaching Assignments for 2000/2001						
Faculty Name	Rank	Undergraduate		Graduate	Overload	Comments
Category 1						
Anglin, Paul	Professor					Sabbatical
Charette, Michael	Associate					Sabbatical
Meng, Ronald	Associate	110 231	232 231		353 350	
Suh, Sang-chul	Professor	420 424		503 531		
Wen,Quan	Associate	323 499		501 580		One course buy-out (SSHRC research)
Category 3						
Fan, Yanqin	Professor	313		541 542		One course buy-out (SSHRC research)

Graduate/Undergraduate Teaching Assignments for 2000/2001						
Faculty Name	Rank	Undergraduate		Graduate	Overload	Comments
Gencay, Ramazan	Professor					Year leave of absence
<u>Non-Graduate Faculty</u>						
Hejazi, Jamal ²	Lecturer	111 333	231	502		

¹ Indicates multiple sections of a course.

² Limited Term Contract

3 PHYSICAL AND FINANCIAL RESOURCES

3.1 Library resources.

The following statement was received from the University Librarian in response to our request for the required summary of the University holdings collection policy, and expenditures for the last seven years.

3.2 Laboratory Facilities.

The Economics Department does not have any laboratory facilities.

3.3 Computer Facilities.

3.3.1 Computing Facilities and Services at the University.

The university runs a high-speed ethernet backbone network connecting all faculty and staff offices, classrooms and laboratories. Most buildings connect through a Gigabit link to a high capacity switch/router. The University is moving towards dedicated fast ethernet (10/100 full duplex) switched connections in each office. The Economics Department (Chrysler Hall North) currently has a 100 MB switched. The backbone connects to a 9MB link to the Internet and also has a seamless dedicated high speed connection to the CANet3 network.

The academic research computer at Information Technology (IT) Services is a UNIX based SGI system with 16 CPUs, ranging in speed from 150 MHz to 250 MHz. Popular software compilers and packages such as IMSL, SAS, SPSS are available on this system.

IT Services manages a public computer lab containing over 140 networked Pentium PC's for student use. The lab is open from 8:00 a.m. to 2:00 a.m. during the Fall and Winter semesters. During other periods, it operates on reduced hours. A student consultant is available at all times the lab is open. A portion of the area may be configured for instruction by using moveable partitions. Available software includes Windows 95, Corel Draw, Microsoft Word and Excel, WordPerfect, Quatro Pro, Paradox, SPSS/PC, Maple, etc. Two high-speed laser printers are available for student use.

There is a separate Classroom available with 16 Pentium PCs for students and 1 PC for the

instructor. Laser printing is also available. The classroom can be booked for hands-on instruction, for a variety of courses. It is possible to double-up students at each PC. Instructors can control the display on each student PC, view the screen of a selected PC, send his/her screen to one or more student PCs or shut all the screens off.

IT Services supports a Help Desk, open from 8:30 a.m. to 5 p.m., Monday to Friday. The Help Desk serves the faculty, staff and students of the university by being the central point of contact for information delivery and problem management and resolution, for services and products offered by IT Services. Help is available through the phone, e-mail or for walk-in clients, as well as the web.

An Optical Mark Recognition (OMR) machine is available in Operations to grade multiple-choice examinations or to scan data from the marked sheets. Operators do the actual processing of these sheets. The Operations Service Counter, used to submit and retrieve OMR sheets or to pick large volumes of printing or laser printing from the SGI server, is open from 7:30 a.m. to 10:30 p.m., Monday to Saturday.

3.3.2 Computer Facilities in Economics.

In addition to the University's computer facilities, the Economics department has the following resources:

Every faculty member has one PC ranging from 486 to Pentium 1G. There are 20 units for faculty members' research and teaching. Two members have workstations. There are about 10 printers (laser, jet and ink jet) in faculty offices.

There are two PCs, one laser printer and one ink jet printer in the main office.

There are two PCs and one laser printer in the copier room.

There are five Pentium computers and one laser printer in the Economics Graduate students' Computer Micro lab.

There is one computer in the Economics Help Centre.

The department has most of the major computer software programs for word processing (WordPerfect, Word, etc.) and academic research in Economics (SPSSX, LIMDEP, RATS, etc.):

3.4 Space.

12 regular offices at 130 square feet each	1560
5 student offices at 130 square feet each	680
3 larger offices at 170 square feet each	510
Main office and the Head office	660
Copier and PC rooms	400
Research room	800
Conference room	260
Help Centre	600
Student offices in other buildings	360
Total	5830 square feet = 551 square metres.
Total Student Office Space	1040 square feet = 96 square metres.

3.5 Financial support of Graduate Students.

The University of Windsor offers a range of financial assistance to graduate students: (i) Tuition scholarships with additional stipends of \$5,000 and \$4,000 per year (ii) Tuition scholarships (fee waiver) (iii) Visa Differential Fee Waivers and (iv) Summer Research Scholarships, which consist of a tuition bursary for the Summer term and \$1,000. The University also offers Conference Travel Awards to facilitate graduate students presenting papers in national and international conferences. The students are encouraged to compete for external scholarships such as those offered by SSHRC and OGS.

In addition, students may concurrently hold Graduate Teaching and Research Assistantships. Graduate Teaching Assistantships (GA's) are offered on the basis of availability of funding from the University. Normally, for Departments with only a Master's program, the University allocates a number of GA's equal to 70% of the full-time enrolment. Those students offered Graduate assistantships at the Master's level receive no less than two semesters of support.

The minimum Graduate Assistantship stipend for Masters candidate students at the University of Windsor in 2000/2001 is \$24.75 per hour. Students may receive either a full (280 hrs./yr.) or partial GA. The student with a full GA is expected to work 10 hours a week for the fall and winter terms. Table 3.5 lists the total financial support for our students over the last seven years.

Table 3.5 Financial Support for Graduate Students

Financial Support for Graduate Students							
	\$Amount of Support From					Students Funded	
Year (Fall-Summer)	(1) External Scholarship (#)	(2) Univ. Scholarship¹ (#)	(3) GAs \$	(4) RAs \$	(5) \$ Total	(6) #(%)	(7) Av \$³
1994/95	\$11,859 (1)	\$16,869 (5)	64,621 (10.3)	23,650 (7)	116,999	10 (67%)	11,700
1995/96	\$12,359 (1)	\$9,600 (2)	29,137 (5)	16,500 (6)	67,596	6 (50%)	11,266
1996/97		\$11,696 (6)	57,384 (8.6)	20,170 (8)	89,695	11 (79%)	8,155
1997/98		\$24,692 (8)	51,829 (8.3)	38,300 (12)	114,821	11 (73%)	10,438
1998/99		\$46,495 (11)	51,177 (7.75)	36,900 (13)	134,572	11 (61%)	12,234
1999/00		\$36,900 (8)	72,490 (11.75)	50,400 (11)	159,790	14 (70%)	11,414
2000/01		\$12,964 (6)	64,393 (5)	24,000 (6)	101,357	13 (100%)	7,797

¹ Includes Summer Research Scholarships, Visa Differential Fee Waivers, Windsor Postgraduate Scholarships.

² Total amount of GAs, sometimes split up for more than one student.

³ Average amount for those students funded.

4 PROGRAM REGULATIONS AND COURSES

4.1 The Intellectual Development and the Educational Experience of the Student.

Given our small class sizes and the requirement of a Master's Major Paper for each student there is very close interaction between the graduate students and faculty.

The Department of Economics has had a very active visiting speakers series. Our students were strongly urged to attend. Approximately eight visiting speakers, from many Universities throughout North America, the Bank of Canada and the Pacific Rim, annually present seminars to the Department. In general, our graduate students do not give seminars or presentations.

The positive effect of our research and visitors on the quality of the students produced in our M.A. program is easily demonstrated. Over the past seven years approximately one-half of our graduates entered Ph.D. programs in Canada and the United States.

4.2 Program Regulations.

To apply for admission a student is required to submit official transcripts from all universities attended and two letters of reference. Applicants whose native language is not English are also required to submit an official TOEFL score of at least 550, or equivalent proof (as determined by the Dean of Graduate Studies and Research) of English proficiency. The department's graduate committee (comprised of three members of the department's graduate faculty) examines the required documents and any additional data provided and makes a recommendation on admission to the Dean of Graduate Studies and Research. The final decision is made by the Dean and/or the Associate Dean.

A student with a general degree, or an honours graduate in another discipline, with at least a B range standing, may be admitted to a qualifying year. Upon successful completion of his or her courses they are admitted into the one year M.A. In the first year, courses are assigned to bring the student to the competence level of an honours B.A. in economics. The number of courses varies between six and ten, depending on the student's background. Normally the courses include at least two semesters in each of microeconomic theory, macroeconomic theory and econometric methods. Students with insufficient training in mathematics are required to take at least two semesters of calculus. Upon completion of the assigned courses with grades of at least B-, the student enters the candidate year.

A graduate of an honours programme in economics, with at least a B range standing, may be admitted directly into the candidate year. Students in the candidate year are required to complete the following: a one-semester graduate course in each of microeconomic theory, macroeconomic theory and econometric methods, five other graduate level courses and a major paper. Candidates intending to enter a Ph.D. programme are strongly advised to include a second course in micro and

macroeconomic theory and econometric methods among the five options. Students whose training in mathematics is weak may be required to complete an undergraduate mathematics course concurrently with their graduate courses.

Students in the M.A. programme must maintain at least a B- average at all times. Courses in which the grade is B- or higher are accepted for graduate credit. In addition, upon the positive recommendation of the department, the Faculty of Graduate Studies and Research may grant credit for not more than two courses in which a grade of C+, C, or C- has been obtained. If a student fails to obtain credit in a course, the course may be repeated once only, at the discretion of the department and the Dean of Graduate Studies and Research. No student may repeat, or replace with another course, more than two courses in which credit was not obtained.

Evaluation procedures for course work are determined by the professor giving the course. In virtually all cases there is at least one mid-term test and/or a term paper and a final examination. The major paper is supervised by a member of the Graduate Faculty in the department and read by a second reader who is normally also on the Graduate Faculty. The grade on the major paper is determined jointly by the supervisor and second reader.

The regulations concerning residence are established by the Faculty of Graduate Studies and Research. The minimum duration of study for the Master's degree is one year after admission to the candidate year. Credit for graduate work undertaken at another university may be granted, but the duration of study at the University of Windsor may not normally be reduced beyond the minimum of one year.

Work on a Master's degree on a full-time basis must be completed within three consecutive calendar years after the student's first registration in the candidate year. The time limit for students

admitted on a part-time basis is five years. If a student seeks an extension of these time limits, a petition must be addressed to the Dean of Graduate Studies and Research, giving reasons for the request and plans for the completion of the work.

4.3 Part-Time Studies.

In general there are very few part-time students studying for their M.A. in Economics. In any given year there may be at most one student in the program and most often there are none.

4.4 Total Graduate Courses Listed and Level.

There are 20 economics courses listed in the graduate calendar, including the Major Paper. Table 4.4 provides an overview of them and indicates the graduate and undergraduate enrollment. The undergraduate courses listed in Table 4.4 (less than a 500 number) are Econometrics (313, 314), Micro-theory (323, 424) Macro-theory (333, 434), Mathematical Economics (406) and Industrial Organization (424). These courses are either compulsory or highly recommended for students in either a two-year M.A. or who are enrolled in a qualifying year. Individuals enrolled in a one year M.A. (candidate year) normally do not take these courses unless they lack the background in a specific area.

4.4 Courses Offered to Graduate Students

Courses Offered to Graduate Students in the Past Three Years				
Course	Faculty member(s) responsible	1998/99	1999/2000	2000/2001
313**	Zhang * Fan (99/00, 00/01)	6G/17U	5G/9U	8G/20U
314**	Gencay	11G	5G	
323**	Wen	7G/5U	7G/10U	7G/7U
333**	Charette (98/99) Raymond * (99/00) Hejazi * (00/01)	7G/7U	7G/2U	9G/2U
406**	Suh (98/99, 99/00) Louis * (00/01)	5G/3U	3G/2U	6G
424**	Suh	10G/1U	7G/2U	9G/1U
434**	Gencay	11G/2U	7G	
499**	Raymond *	3G/4U		
501	Wen	3G	11G	10G
502	Raymond * (98/99, 99/00) Hejazi * (00/01)	3G/1U	11G	9G
503	Anglin (98/99, 99/00) Suh (00/01)	4G/1U	5G	7G
504	Gencay	1G	5G	
531	Suh	5G	13G	11G
541	Zhang * (98/99) Fan (99/00, 00/01)	3G/1U	11G	14G
542	Fan	1G	5G	4G

5 OUTCOMES

5.1 Enrolment and graduations.

Table 5.1.1 lists the cohort data on new entrants and the general progress of students for 1994-2001. With a few exceptions, most students graduate after 6 terms (2 years or less). As discussed in Section 1.5, the Department of Economics is actively pursuing a goal of shortening the time period students are enrolled in our program on a full-time basis.

In the fall term of 2000, we had 3 new students in our M.A. and 6 students into our MI program. The latter are qualifying year students and are not classified as graduate students. When they successfully complete their studies, they will be admitted into our M.A. (Candidate) program.

Since the number of students registered in the M.A. program is small, the attrition rate (transfers and withdrawals) will vary significantly from one year to the next.

Table 5.1.2 shows the flow through data for the Department of Economics. About one-third of our students are female. By far the largest group are from abroad, especially from the Peoples' Republic of China. The content of the program tends to emphasize economic theory and students who have received a more rigorous mathematics and academic background are better suited to the program.

Table 5.1.1

New Enrolments, Withdrawals and Graduations in the Master's Program by Year of Admission							
Year	New	after 6 terms			after 9 terms		
		Withd	Compl	IP	Withd	Compl	IP
F94-S95	7	2	5	0	2	5	0
F95-S96	3	1	2	0	1	2	0
F96-S97	9		7	2	0	9	0
F97-S98	5	1	3	1	1	4	0
F98-S99	11	4	7	0	4	7	0
F99-S00	14	2	10	2*	--	--	--
F00-S01	3			3*	--	--	--

* Expected completion between 6 and 9 terms.

Table 5.1.2

Master's Total Enrolments, Transfers, Withdrawals and Graduations by Year (Flow-Through Data)							
Year	Total Enrol	# female (%)	# visa (%)	Total Transfers	Total Withdrawals	Total Graduations	Total Continuing
F94-S95	13	5 (38%)	3 (23%)	1 (8%)	1 (8%)	5 (38%)	6 (46%)
F95-S96	9	2 (22%)	3 (33%)	1 (11%)	1 (11%)	5 (56%)	2 (22%)
F96-S97	11	4 (36%)	8 (73%)	0	0	2 (18%)	9 (82%)
F97-S98	14	7 (50%)	8 (57%)	1 (7%)	2 (14%)	8 (57%)	3 (21%)
F98-S99	14	7 (50%)	13 (93%)	1 (7%)	2 (14%)	5 (36%)	6 (43%)
F99-S00	18	7 (39%)	16 (89%)	0	0	7 (39%)	11 (61%)
F00-S01	14	5 (36%)	12 (86%)	0	0	10 (71%)	4 (29%)

Table 5.1.3 shows the average time to completion organized according to the entry dates of a student. Both the mean and the median estimates indicate that the average time to completion has fallen for one-year M.A. students by approximately one term from F94-S97 to F97-S01. Few students have taken more than four terms to complete this program in recent years. The time to completion for MII (2 year) has been very stable over this period. Almost all students in this program finish within 6 terms (2 years).

Table 5.1.3

Mean (range) and Median Times-to-Completion of Master’s program(s)			
Program	Time Period	Mean (range)	Median
MA II (1 year) n = 11	F94-S97	1.6 (1.0-2.0)	1.7
MA II (1 year) n = 8	F97-S01	1.3 (1.0-1.7)	1.3
MA II (2 year) n = 9	F94-S97	1.9 (1.7-2.3)	2.0
MA II (2 year) n = 14	F97-S01	2.1 (2.0-2.3)	2.0

5.2 Employment.

Table 5.2 contains information on the initial status of 46 of the 57 graduates during the last seven years. The figures include some who graduated in Spring '94 - not included in Table 5.1.2. The occupations of the remaining eleven are unknown. Of the 46 whose initial status is known, 24 (52%) continued their formal education in Economics and entered a Ph.D. program, nine (20%) pursued graduate degrees in other disciplines (mostly Business or Computer Science), seven (15%) work in the private sector (mostly financial institutions), three (7%) went to the public sector, and one attended Chiropractic College. Although it cannot be verified it is reasonable to assume that most of the foreign students whom we were unable to find had returned to their home countries.

Table 5.2 Initial Employment or Status of Graduates

Initial Employment or Status of Graduates			
Student Name	Year Admitted	Date of Completion	Initial Employment or Status
AN, Yunbi	98W	Aug. 1999	Ph.D. Candidate, Queen's University
AU, Tak Wai	94F	Jan. 1996	
BENN, John	92F	July 1996	Chrysler Corporation.
BRETON, Jolaine	93F	Sep. 1995	City of Windsor
CHEN, Gongyue	94W	Aug. 1996	Ph.D. Candidate, University of Toronto
CHEN, Jianhua	93F	July 1994	Ph.D. Candidate, University of Toronto
CHEN, Yingwei	99F	June 2001	M.Sc., University of Windsor (Computer Science).
CHENG, Yu	96F	Aug 1998	Ph.D. Candidate, University of Toronto
CHUI, Yin Fong	97F	Dec 1998	Labour Market Analyst, HRDC.
DAI, Boxin	95F	May 1997	M.Sc., Carleton University (Computer Science)
DONG, Jian	98F	June 2000	Ph.D. Candidate, University of Rochester
ERAKPOTOBOR, Joseph	91S	Sep 1994	
GAO, Yanmin	98F	June 2000	Ph.D. Candidate, University of British Columbia.
GAO, Qiming	92F	May 1994	Ph.D. Candidate, University of Western Ontario
GAO, Jian	99W	May 2000	M.Sc., University of Windsor (Computer Science)
GATARE, Francis	95F	May 1998	
GLOUCHAKOV, Oleg	96F	July 1998	Ph.D. Candidate, University of Toronto

Initial Employment or Status of Graduates			
Student Name	Year Admitted	Date of Completion	Initial Employment or Status
HAN, Zong	91F	May 1994	Returned to People's Republic of China.
HARDEEN, Indra	92F	May 1994	
HASHIM, Qirat	99F	Jan 2001	Employed at Canadian Imperial Bank of Commerce.
JIN, Xisong	99F	May 2001	MBA, York University
KIRCH, Pamela	93F	Dec. 1995	
LEKUTHAI, Sunetra	99F	Jan 2001	Employed at Bank of Japan in Thailand.
LI, Chunlei	96F	May 1998	Ph.D. Candidate, University of Toronto.
LI, Zhixin	93W	May 1995	Ph.D. Candidate, University of Toronto.
LIU, Yanjun	93F	May 1995	Ph.D. Candidate, University of British Columbia
LOPEZ, Karla	93F	Sep 1995	First Federal Bank (Florida).
LUO, Daqing	99F	May 2001	Ph.D. Candidate, McMaster University.
MCKENNA, Francis	94F	Jan 1996	Ph.D. Candidate, University of Guelph.
MELOCHE, Rachel	94F	Aug 1996	Ph.D. Candidate, University of Western Ontario.
MEN, Xiaozhong	96F	Jan. 1999	M.Sc., Wayne State University (Computer Science)
MOUKHINE, Rouslan	96F	July 1998	Ph.D. Candidate, University of Toronto.
PAN, Ruisheng	98W	June 2000	MBA, York University.
PISPIDIKIS, John	93F	July 1995	Chiropractic College.
PROTOPAPAS, Simon	95F	May 1997	
QIU, Ling	96W	Aug 1997	Ph.D. Candidate, University of Toronto
QUIGLEY, James	92F	Aug 1994	
RAYMOND, Mark	92F	May 1994	Ph.D. Candidate, University of Guelph.

Initial Employment or Status of Graduates			
Student Name	Year Admitted	Date of Completion	Initial Employment or Status
RYAN, Anne M. Sheehan	95F	1997	Workers' Compensation Board.
SAMU, George	87F	July 1995	Ph.D. Candidate, University of Toronto.
SEDDIK, Hosam	93F	Sep 1994	
SETO, Pui Lam	99W	Dec. 1999	Assistant Manager, One Loyalty.com (Hong Kong)
SHEN, Haitao	98F	May 2000	Ph.D. Candidate, Queen's University.
SUNGUR, Ozden	98F	May 1999	Ph.D. Candidate, Queen's University.
WANG, Jin	97W	June 1998	MBA, York University.
WINNET, Paul	92F	Sep 1994	Towers Perrin Actuarial Firm.
XU, Ming	98F	June 2000	M.Sc. Candidate, Univ. of British Columbia (Finance)
XU, Chen	96F	Oct. 1998	M.Sc., University of Windsor (Computer Science)
YANG, Xian	92W	Apr 1994	Ph.D. Candidate, University of Toronto.
YE, Haitao	00F	May 2001	
YEUNG, Sui Ling	97W	May 1998	Ph.D. Candidate, Hong Kong Univ. of Science & Tech.
YOONG, Ming	94F	July 1995	
ZHANG, Xiaobing	99F	May 2001	Ph.D. Candidate, Carleton University.
ZHAO, Yuan	92F	May 1994	
ZHOU, Yi	99F	Apr 2001	Returned to China.
ZHOU, Shuping	99F	May 2001	Clarica Life Insurance Co.
ZHU, Dongming	99F	June 2001	Ph.D. Candidate, McGill University

5.3 Publications.

The Department has neither a Ph.D. programme nor an M.A. thesis option. Even so, one graduated student of Dr. Gencay has published co-authored papers in the Canadian Journal of Economics and in Economics Letters. A student of Dr. Fan has published a co-authored paper in Sankhya. A student of Dr. Anglin has been requested to revise a co-authored paper by the Journal of Economic Education. Another student published a revised version of his major paper in Obstetrics and Gynaecology. Finally, one of Dr. Gencay's students recently published a major paper as an independently authored paper in Journal of Financial Studies.

5.4 Projected graduate enrolments.

In the previous OCGS review, the Department of Economics projected total full-time enrolment to be between 20 and 24 students in a typical year. Unfortunately, we have not reached that level. Total enrolment has been 14 to 18 students over the last 4-5 years. This is partially due to reduced faculty resources available to the program.

On a more positive note, the Department of Economics has joined in partnership with Anshan University (China) to develop an undergraduate degree issued by the University of Windsor. Students presently in the program at Anshan University will study Economics for two years in China. After finishing their second year, students will enroll at the University of Windsor and finish their final two years here. Approximately 20 students a year will join the program. It is hoped that after completing their B.A. at Windsor, some will pursue a graduate degree with us.

Including the estimate that about one quarter of all students from the program (5) with Anshan proceed to do an M.A. in Economics, the long range goal of our Department is to have 22 full-time

students. These estimates are displayed in Table 5.5.

TABLE 5.5

PROJECTED ENROLMENTS Master's (M) and Doctoral (D) Programs						
YEAR	FULL-TIME		PART-TIME		TOTAL	
	M	D	M	D	M	D
2001	15				15	
2002	14				14	
2003	16				16	
2004	18				18	
2005	20				20	
2006	22				22	
2007	22				22	